GROUNDWATER LEVELS IN OBSERVATION WELLS IN OKLAHOMA, 1998 THROUGH 2000

Technical Report
GW2001

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OKLAHOMA WATER RESOURCES BOARD

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INTRODUCTION

WATER LEVEL NETWORK

The Oklahoma Water Resources Board (Board) conducts a statewide annual groundwater level measurement program utilizing approximately 750 observation wells (Figure 1). The measuring of static water levels in these wells occurs during the first quarter of each year when the majority of agricultural irrigation wells in western Oklahoma have been turned off for several months, enabling water levels to recover.

Some of the earliest water level data collected in Oklahoma date back to the mid-late 1930s for a small number of wells in southwestern Oklahoma. In the mid 1950s, to assist in the evaluation and study of the Tillman Terrace aquifer in southwest Oklahoma, a network of wells was established and monthly measurements were carried out. Later, in the early-to-mid 1960s, as the affects of intensive irrigated agriculture began to impact the Ogallala aquifer in northwest Oklahoma, a network of wells was developed to monitor water level fluctuations in the Oklahoma Panhandle. By the mid 1970s, as awareness and concerns over declining water levels in aquifers in the western part the state became more apparent, a state-wide monitoring program was put into place.

Emphasis of the network was and has been in high groundwater use areas. The aquifers most heavily monitored by the Board are the Ogallala, Rush Springs and alluvium and terrace deposits of the Cimarron River, North Canadian River and the North Fork of the Red River.

Drillers' logs provided by licensed water well drillers are used to select the observation wells. The completion data provided on the drillers' logs (total depth, lithologies, first zone of water encountered and screened interval) enable the Board to determine the aquifer which will be monitored.

The Board obtains its water level measurements using graduated steel tapes that are marked in hundredths, tenths and one foot increments. The tapes are lowered into the well bore through access ports constructed in the base of the well pump, sanitary well seal or well casing cap.

The Board produces a water level publication every three years. Information compiled for each observation well includes the aquifer; its location and use; elevation of land surface and total depth; recent, historical and changes in water levels; and the site status when the water level was collected. These attributes are further explained in the section called organization of data sheets. The data for the observation wells begin on page 23.
Figure 1  Groundwater Level Observation Wells in Oklahoma
OKLAHOMA’S AQUIFERS

Groundwater is water that percolated downward from the surface, filling voids or open spaces in rock formations. An aquifer is a subsurface unit that can yield useful quantities of water. Oklahoma’s aquifers can be divided into two general groups: bedrock and terrace and alluvium deposits. The bedrock aquifers can be generally placed in one of the following categories: sandstone; interbedded sandstone, limestone, and shale; soluble carbonate or evaporite; and semi-consolidated sand and gravel. Alluvium and terrace aquifers consist of unconsolidated deposits of sand and gravel.

The OWRB considers major aquifers to be those bedrock aquifers that yield on average at least 50 gallons per minute (gpm), and those alluvium and terrace aquifers that yield at least 150 gpm. Figure 2 shows the major bedrock and alluvium and terrace aquifers in the state. Minor aquifers yield lesser quantities of water than major aquifers. Minor aquifers exhibit lower effective porosity and permeability (which relates to their ability to store and transmit water) and are usually thinner than major aquifers.

ORGANIZATION OF DATA SHEETS

COUNTY
Water well data are listed alphabetically by county where the water well is located.

AQUIFER
The aquifer name refers to the principal formation in which the well is completed.

LEGAL DESCRIPTION
The legal descriptions in this report follow the U.S. land survey system (Figure 3), which references section, township and range. The description of the water well location is described to the nearest 10-acre tract. Within each county legal descriptions are organized from smallest to largest number - by range, township and section.

LATITUDE/LONGITUDE
The earth coordinates represented by latitude and longitude were calculated by measuring the distance between the ground position at each well and a constellation of orbiting satellites using hand-held GPS receivers developed by Trimble Navigation Limited. The precision of the locations range from < 1 to 4 meters. The latitude and longitude coordinates are expressed in decimal degrees; it is implicit that the latitude-longitude is north and west, respectively. These coordinates are referenced to the North American Datum 1983.
Figure 2 Major Aquifers in Oklahoma
The UNITED STATES LAND SURVEY SYSTEM is cartographically represented by lines running North and South and lines running East and West. These lines are approximately 31,680 feet (6 miles) apart. The intersections of these lines form a matrix which creates boundaries to parcels of land usually containing 36 square miles each called Congressional Townships. Each Congressional Township is identified by numbers representing the parcel’s place from the intersection of the BASE LINES and either of the principal MERIDIAN LINES.

Oklahoma has two land survey systems. The system covering the major portion of the State extends north and south from the Base line near the southern boundary of Oklahoma and east and west from the Indian Meridian. The second system describes the panhandle only. It’s numbering extends north and south from a Base line which lies nearly parallel to, and as much as 300 feet north of the southern border of the panhandle therefore leaving “Township one south” (T-1-S) only a small strip of land along the north side of sections one through six of each range. The numbering also extends east from the Cimarron Meridian which is also the west border of the panhandle.

Parcels proceeding East and West from the principal meridians are called RANGES and their place is labeled “Range X East of either principal Meridian (or West of the Indian Meridian). Those proceeding North and South from the Base lines are called Townships and their place is labeled Township X North (or South). For convenience, this is usually abbreviated to read T-X-N(S) and R-X-EIM (WIM). The numbering from the Cimarron Meridian is always East and is expressed as ECM (See Drawings at right).

LAND MEASURE
A ROD = 16.5 feet
A CHAIN = 100 Links, 66 feet or 4 rods
A MILE = 320 rods, 80 chains
or 5280 sq. feet.
A SQUARE ROD = 272 1/4 sq. ft.
An ACRE contains 43,650 sq. ft.
An ACRE contains 160 square rods.
An ACRE is about 208 3/4 sq. ft.
An ACRE is 8 rods wide by 20 rods long, or any two numbers of rods whose product is 160 sq. rods.
A SECTION (sq. mi.) 640 acres.

Figure 3 Explanation Sheet for Legal Descriptions
WELL USE
Well use indicates the specific purpose for the water well, such as domestic, irrigation public water supply or observation.

ELEVATION OF LAND SURFACE
The elevation of land surface at the well location is determined from a U.S. Geological Survey 7.5 minute quadrangle topographic map. The elevation is expressed in feet above mean sea level and is base on the 1927 North American Datum. Elevations are accurate to within 10 feet.

TOTAL DEPTH OF WELL
Total depth of the well is the well depth in feet, reported on the driller’s log or determined by field measurement with a steel tape. The total depth of the well, if determined in the field, is accurate to within a few feet.

PERIOD OF RECORD
Period of record is the length of time in years, that water levels have been measured at a particular well.

MINIMUM AND MAXIMUM DEPTH TO WATER
The minimum and maximum depths to water are the shallowest and deepest water levels determined from historical records. These values may represent depths measured at times of the year other than January through March.

WATER LEVEL SUMMARY - DATE AND WATER LEVEL
The level is the depth to water for a well measured to the nearest 0.01 feet on the indicated date. A negative value indicates that the measured water level is in the casing above land surface.

SITE STATUS
The site status indicates the condition of the well site and the immediate vicinity at the time of the measurement.

CHANGE IN WATER LEVELS
The change in water levels indicate how the 2000 water level has changed from the previous year, five years ago, 10 years ago and from the first year of well measurement. Negative values indicate a decline in water levels. Change in water levels from previous years are not meant to provide an indication of increasing or decreasing trends of the water table, but is rather a comparison of specific points in time. An absence of a value in one or more of these positions indicates no water level measurement for the particular time comparison.
MEAN WATER LEVEL
The final line of information for each well indicates the mean or average water level for the period of record. This value provides a means of comparison to the most recently measured water level.

HYDROGRAPHS

Twenty-four well hydrographs, representing major and minor aquifers, were created from historical annual water level data. Twelve hydrographs depict water level fluctuations in shallow alluvium and terrace aquifers (Appendix A) and twelve hydrographs depict water level fluctuations in deeper bedrock aquifers (Appendix B). The hydrographs are ordered alphabetically by county.
# ADAIR COUNTY

**AQUIFER: BOONE GROUP**

**LEGAL DESCRIPTION:** NE NE NW 05 17N 26E1M

**LATITUDE:** 35.987425805  **LONGITUDE:** -94.554324413

**WELL USE:** DOMESTIC

**ELEVATION OF LAND SURFACE (FT):** 1118.0

**TOTAL DEPTH OF WELL (FT):** 42.0

**PERIOD OF RECORD:** 1979 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 7.20

**MAXIMUM DEPTH TO WATER (FT):** 24.23

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -3.49

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -2.59

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 0.70

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** -3.13

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 13.11

---

**AQUIFER: PITKIN LIMESTONE**

**LEGAL DESCRIPTION:** NE SW SW 09 17N 26E1M

**LATITUDE:** 35.961633558  **LONGITUDE:** -94.546560464

**WELL USE:** DOMESTIC

**ELEVATION OF LAND SURFACE (FT):** 1140.0

**TOTAL DEPTH OF WELL (FT):** 140.0

**PERIOD OF RECORD:** 1979 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 42.90

**MAXIMUM DEPTH TO WATER (FT):** 61.46

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -12.07

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -10.84

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 3.46

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** -5.18

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 52.48
AQUIFER: BOONE GROUP  
LEGAL DESCRIPTION: SE SW SW 18 18N 26E1M  
LATITUDE: 36.032282000  LONGITUDE: -94.580408000  
WELL USE: DOMESTIC  
ELEVATION OF LAND SURFACE (FT): 1140.0  
TOTAL DEPTH OF WELL (FT): 85.0  
PERIOD OF RECORD: 1990 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 21.20  
MAXIMUM DEPTH TO WATER (FT): 26.95  

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1990 (FT):  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.12

AQUIFER: BOONE GROUP  
LEGAL DESCRIPTION: NE NE NW 32 18N 26E1M  
LATITUDE: 36.001926585  LONGITUDE: -94.558827062  
WELL USE: DOMESTIC  
ELEVATION OF LAND SURFACE (FT): 1140.0  
TOTAL DEPTH OF WELL (FT): 95.0  
PERIOD OF RECORD: 1982 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 25.90  
MAXIMUM DEPTH TO WATER (FT): 47.70  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -5.17  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.50  
CHANGE IN WATER LEVEL SINCE 1982 (FT): -6.91  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.70
ALFALFA COUNTY

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW SW 06 23N 11WIM
LATITUDE: 36.498397061 LONGITUDE: -98.426050983
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1335.0
TOTAL DEPTH OF WELL (FT): 58.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.30
MAXIMUM DEPTH TO WATER (FT): 11.06

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.89
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.35
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.55
CHANGE IN WATER LEVEL SINCE 1983 (FT): 0.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.32

AQUIFER: CEDAR HILLS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 16 25N 11WIM
LATITUDE: 36.639627824 LONGITUDE: -98.392245895
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1250.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.41
MAXIMUM DEPTH TO WATER (FT): 8.25

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.92
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.62
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.83
CHANGE IN WATER LEVEL SINCE 1975 (FT): 3.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.55
ALPALFA COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NE NW NW 09 27N 09WIM
LATITUDE: 36.840244235 LONGITUDE: -98.178537730
WELL USE: RECREATION, FISH, WL
ELEVATION OF LAND SURFACE (FT): 1225.0
TOTAL DEPTH OF WELL (FT): 31.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.40
MAXIMUM DEPTH TO WATER (FT): 10.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.11
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.11
CHANGE IN WATER LEVEL SINCE 1975 (FT): -2.65

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.04

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NE NW SE 14 27N 11WIM
LATITUDE: 36.817313009 LONGITUDE: -98.346718697
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1179.0
TOTAL DEPTH OF WELL (FT): 37.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.35
MAXIMUM DEPTH TO WATER (FT): 10.35

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.19
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.66
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.15
CHANGE IN WATER LEVEL SINCE 1975 (FT): 2.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.32
AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: SW NE NE 23 27N 11WIM
LATITUDE: 36.808092724 LONGITUDE: -98.346082007
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1177.0
TOTAL DEPTH OF WELL (FT): 41.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.70
MAXIMUM DEPTH TO WATER (FT): 11.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.30
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.90
CHANGE IN WATER LEVEL SINCE 1975 (FT): 6.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.39

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: SW SE SW 18 29N 09WIM
LATITUDE: 36.986094713 LONGITUDE: -98.213572302
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1211.0
TOTAL DEPTH OF WELL (FT): 35.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.02
MAXIMUM DEPTH TO WATER (FT): 8.75

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.56
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.22
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.91
CHANGE IN WATER LEVEL SINCE 1975 (FT): 6.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.81
ATOKA COUNTY

AQUIFER: ANTLLERS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 04 03S 11E1M
LATITUDE: 34.327621398 LONGITUDE: -96.149979120
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 640.0
TOTAL DEPTH OF WELL (FT): 73.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.89
MAXIMUM DEPTH TO WATER (FT): 57.26

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 9.75
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 18.19
CHANGE IN WATER LEVEL SINCE 1977 (FT): 14.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 38.14

AQUIFER: ANTLLERS SANDSTONE
LEGAL DESCRIPTION: SR SE SW 01 04S 11E1M
LATITUDE: 34.229738153 LONGITUDE: -96.101992516
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 600.0
TOTAL DEPTH OF WELL (FT): 145.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 39.70
MAXIMUM DEPTH TO WATER (FT): 41.53

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.36
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.83
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.63
CHANGE IN WATER LEVEL SINCE 1994 (FT): -0.64

MEAN WATER LEVEL FOR PERIOD OF RECORD: 40.63
AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: SE SW SW 18 01N 20ECM
LATITUDE: 36.545738300 LONGITUDE: -100.951185800
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2885.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 67.36
MAXIMUM DEPTH TO WATER (FT): 69.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.32
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.02
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.04
CHANGE IN WATER LEVEL SINCE 1991 (FT): 2.04
MEAN WATER LEVEL FOR PERIOD OF RECORD: 68.43

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 24 01N 20ECM
LATITUDE: 36.530561500 LONGITUDE: -100.855169300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2940.0
TOTAL DEPTH OF WELL (FT): 330.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 198.43
MAXIMUM DEPTH TO WATER (FT): 198.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.29
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.23
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.29
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.29
MEAN WATER LEVEL FOR PERIOD OF RECORD: 198.57
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SW 23 01N 21E CM
LATITUDE: 36.531098000 LONGITUDE: -100.771655600
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2924.0
TOTAL DEPTH OF WELL (FT): 360.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 233.97
MAXIMUM DEPTH TO WATER (FT): 236.82

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.79
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 2.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 234.50

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NE 32 01N 21E CM
LATITUDE: 36.510105000 LONGITUDE: -100.819206300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2940.0
TOTAL DEPTH OF WELL (FT): 430.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 239.57
MAXIMUM DEPTH TO WATER (FT): 243.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.43
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.91
CHANGE IN WATER LEVEL SINCE 1968 (FT): -0.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 241.30
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 29 01N 22E CM
LATITUDE: 36.527643500 LONGITUDE: -100.717881600
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2888.0
TOTAL DEPTH OF WELL (FT): 245.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 211.16
MAXIMUM DEPTH TO WATER (FT): 212.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.43
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.74
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.39
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.92
MEAN WATER LEVEL FOR PERIOD OF RECORD: 211.64

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SE SW 34 01N 22E CM
LATITUDE: 36.500409300 LONGITUDE: -100.679080700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2897.0
TOTAL DEPTH OF WELL (FT): 328.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 238.39
MAXIMUM DEPTH TO WATER (FT): 248.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.24
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.76
CHANGE IN WATER LEVEL SINCE 1977 (FT): 10.21
MEAN WATER LEVEL FOR PERIOD OF RECORD: 242.77
**BEAVER COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE SE NE 08 01N 23ECM  
LATITUDE: 36.565519717  LONGITUDE:-100.596717237  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 2857.0  
TOTAL DEPTH OF WELL (FT): 300.0  
PERIOD OF RECORD: 2000 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 204.47  
MAXIMUM DEPTH TO WATER (FT): 204.47

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 204.47

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NE NE 30 01N 23ECM  
LATITUDE: 36.527900177  LONGITUDE:-100.615316664  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 2865.0  
TOTAL DEPTH OF WELL (FT): 480.0  
PERIOD OF RECORD: 2000 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 231.57  
MAXIMUM DEPTH TO WATER (FT): 231.57

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):**  
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**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 231.57

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32
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NE 01 01N 24RCM
LATITUDE: 36.586970400 LONGITUDE: -100.423106200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2770.0
TOTAL DEPTH OF WELL (FT): 330.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 207.20
MAXIMUM DEPTH TO WATER (FT): 255.55

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1967 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 224.35

AQUIFER:
LEGAL DESCRIPTION: SE NE SW 20 01N 24RCM
LATITUDE: 36.533752743 LONGITUDE: -100.497544815
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2810.0
TOTAL DEPTH OF WELL (FT): 336.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 204.22
MAXIMUM DEPTH TO WATER (FT): 204.22

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 204.22
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SE 36 01N 24ECM
LATITUDE: 36.505569100 LONGITUDE: -100.417819100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2660.0
TOTAL DEPTH OF WELL (FT): 250.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 79.45
MAXIMUM DEPTH TO WATER (FT): 81.67

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.84
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.70
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.84

MEAN WATER LEVEL FOR PERIOD OF RECORD: 80.40

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 01 01N 25ECM
LATITUDE: 36.574271500 LONGITUDE: -100.323459100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2660.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 156.96
MAXIMUM DEPTH TO WATER (FT): 159.38

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.26
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.76
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.03
CHANGE IN WATER LEVEL SINCE 1981 (FT): 2.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 158.26
BEAVER COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 36 01N 25E10
LATITUDE: 36.500794900  LONGITUDE: -100.312608100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2640.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 126.79
MAXIMUM DEPTH TO WATER (FT): 128.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.50
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.71
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 127.74

AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)
LEGAL DESCRIPTION: NW SW SE 15 01N 26E10
LATITUDE: 36.547925000  LONGITUDE: -100.243920800
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2422.0
TOTAL DEPTH OF WELL (FT): 122.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.40
MAXIMUM DEPTH TO WATER (FT): 18.57

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.96
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.98
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.22
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.28
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SE NW 36 01N 26ECM
LATITUDE: 36.507277100  LONGITUDE:-100.211976200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  2577.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  167.79
MAXIMUM DEPTH TO WATER (FT):  171.52

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  1.28
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  1.62
CHANGE IN WATER LEVEL SINCE 1967 (FT):  1.30

MEAN WATER LEVEL FOR PERIOD OF RECORD:  170.15

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 21 01N 27ECM
LATITUDE: 36.543321400  LONGITUDE:-100.159662500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  2423.0
TOTAL DEPTH OF WELL (FT):  186.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  37.15
MAXIMUM DEPTH TO WATER (FT):  42.43

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  1.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -0.72
CHANGE IN WATER LEVEL SINCE 1967 (FT):  -4.04

MEAN WATER LEVEL FOR PERIOD OF RECORD:  40.49
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SE 35 01N 27E6
LATITUDE: 36.503598800 LONGITUDE: -100.113750300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2581.0
TOTAL DEPTH OF WELL (FT): 168.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 121.58
MAXIMUM DEPTH TO WATER (FT): 147.88

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.12
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 9.57
CHANGE IN WATER LEVEL SINCE 1968 (FT): 2.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 134.58

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 15 01N 28E6
LATITUDE: 36.554356000 LONGITUDE: -100.026584200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2420.0
TOTAL DEPTH OF WELL (FT): 200.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 78.07
MAXIMUM DEPTH TO WATER (FT): 80.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.43
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.60
CHANGE IN WATER LEVEL SINCE 1991 (FT): 1.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 79.61
**BEAVER COUNTY (CONTINUED)**

AQUIFER: PERMIAN SYSTEM  
LEGAL DESCRIPTION: SE SE NE 13 02N 20ECM  
LATITUDE: 36.639587900  LONGITUDE:-100.848911900  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 2810.0  
TOTAL DEPTH OF WELL (FT): 160.0  
PERIOD OF RECORD: 1991 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 75.20  
MAXIMUM DEPTH TO WATER (FT): 76.06

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.39  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.55  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.30  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 75.61

AQUIFER: PERMIAN SYSTEM  
LEGAL DESCRIPTION: NW SE SW 28 02N 20ECM  
LATITUDE: 36.605379700  LONGITUDE:-100.912307400  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 2787.0  
TOTAL DEPTH OF WELL (FT): 200.0  
PERIOD OF RECORD: 1991 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 45.97  
MAXIMUM DEPTH TO WATER (FT): 47.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.32  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.32  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.83  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 46.41
AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SE SE SW 11 02N 21ECM  
LATITUDE: 36.645547200  LONGITUDE:-100.767263800  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 2882.0  
TOTAL DEPTH OF WELL (FT): 301.0  
PERIOD OF RECORD: 1967 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 162.05  
MAXIMUM DEPTH TO WATER (FT): 181.98  

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1967 (FT): 

MEAN WATER LEVEL FOR PERIOD OF RECORD: 177.15

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: NE SW SW 30 02N 21ECM  
LATITUDE: 36.604270100  LONGITUDE:-100.843687800  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 2862.0  
TOTAL DEPTH OF WELL (FT): 240.0  
PERIOD OF RECORD: 1991 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 124.90  
MAXIMUM DEPTH TO WATER (FT): 125.98  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.02  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.71  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.14  
CHANGE IN WATER LEVEL SINCE 1991 (FT):  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 125.35
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 14 02N 22ECM
LATITUDE: 36.632600000 LONGITUDE: -100.657689000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2771.0
TOTAL DEPTH OF WELL (FT): 379.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 95.14
MAXIMUM DEPTH TO WATER (FT): 104.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.19
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.21
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.22
CHANGE IN WATER LEVEL SINCE 1967 (FT): -4.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 101.85

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE NE 32 02N 22ECM
LATITUDE: 36.597932000 LONGITUDE: -100.705128800
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2862.0
TOTAL DEPTH OF WELL (FT): 220.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 186.95
MAXIMUM DEPTH TO WATER (FT): 190.35

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.91
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.92
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.40
CHANGE IN WATER LEVEL SINCE 1991 (FT): -3.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 188.70

40
AQUIFER: A & T DEPOSITS OF CLEAR CREEK (BEAVER CO)
LEGAL DESCRIPTION: SW SW NW 13 02N 23ECM
LATITUDE: 36.639941700 LONGITUDE: -100.540572500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2612.0
TOTAL DEPTH OF WELL (FT): 53.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.16
MAXIMUM DEPTH TO WATER (FT): 14.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.50
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.95
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.57
CHANGE IN WATER LEVEL SINCE 1967 (FT): 0.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.72

AQUIFER: OGLALLA FORMATION
LEGAL DESCRIPTION: NE NW SW 21 02N 23ECM
LATITUDE: 36.622632165 LONGITUDE: -100.592263842
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2700.0
TOTAL DEPTH OF WELL (FT): 282.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 67.18
MAXIMUM DEPTH TO WATER (FT): 67.18

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.18
**AQUIFER: OGALLALARA FORMATION**

**LEGAL DESCRIPTION:** NW SE SW 04 02N 24ECM

**LATITUDE:** 36.663261700  **LONGITUDE:** -100.481019900

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2562.0

**TOTAL DEPTH OF WELL (FT):** 298.0

**PERIOD OF RECORD:** 1998 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 25.50

**MAXIMUM DEPTH TO WATER (FT):** 25.58

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.05

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1998 (FT):** 0.03

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 25.54

---

**AQUIFER: OGALLALARA FORMATION**

**LEGAL DESCRIPTION:** NW NW SE 20 02N 24ECM

**LATITUDE:** 36.622151200  **LONGITUDE:** -100.495691200

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 2700.0

**TOTAL DEPTH OF WELL (FT):** 480.0

**PERIOD OF RECORD:** 1991 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 133.14

**MAXIMUM DEPTH TO WATER (FT):** 133.83

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.11

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 0.06

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -0.50

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 133.53

---
AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: NW NW NW 11 02N 25ECM
LATITUDE: 36.658132300 LONGITUDE:-100.341793400
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  2550.0
TOTAL DEPTH OF WELL (FT):  160.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  55.99
MAXIMUM DEPTH TO WATER (FT):  57.51

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -0.08
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  0.60
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -0.08
CHANGE IN WATER LEVEL SINCE 1981 (FT):  1.28

MEAN WATER LEVEL FOR PERIOD OF RECORD:  56.72

AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: SE NE NE 19 02N 25ECM
LATITUDE: 36.627535900 LONGITUDE:-100.398902900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  2620.0
TOTAL DEPTH OF WELL (FT):  210.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  82.75
MAXIMUM DEPTH TO WATER (FT):  88.27

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  0.23
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  0.64
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  0.67
CHANGE IN WATER LEVEL SINCE 1967 (FT):  4.25

MEAN WATER LEVEL FOR PERIOD OF RECORD:  84.37
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 24 02N 25E6
LATITUDE: 36.617318800 LONGITUDE:-100.313737800
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2645.0
TOTAL DEPTH OF WELL (FT): 245.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 146.44
MAXIMUM DEPTH TO WATER (FT): 157.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.54
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.29
CHANGE IN WATER LEVEL SINCE 1981 (FT): 11.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 148.79

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 02 02N 26E6
LATITUDE: 36.674534100 LONGITUDE:-100.233299400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2480.0
TOTAL DEPTH OF WELL (FT): 154.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 54.49
MAXIMUM DEPTH TO WATER (FT): 59.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.82
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.30
CHANGE IN WATER LEVEL SINCE 1967 (FT): -0.25

MEAN WATER LEVEL FOR PERIOD OF RECORD: 57.63
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SE SE 31 02N 26ECM
LATITUDE: 36.589020300 LONGITUDE: -100.292177500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2610.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 146.68
MAXIMUM DEPTH TO WATER (FT): 148.08

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.02
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.52

MEAN WATER LEVEL FOR PERIOD OF RECORD: 147.39

AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)
LEGAL DESCRIPTION: SE NE NE 02 02N 27ECM
LATITUDE: 36.667988500 LONGITUDE: -100.110070200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2303.0
TOTAL DEPTH OF WELL (FT): 82.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.69
MAXIMUM DEPTH TO WATER (FT): 21.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.69
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.62
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.54
CHANGE IN WATER LEVEL SINCE 1967 (FT): 1.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.76
## AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)

### Legal Description:
NE SW NW 15 02N 27ECM

### Latitudes and Longitudes:
- Latitude: 36.640257800
- Longitude: -100.142427700

### Well Use:
Irrigation

### Elevation of Land Surface (ft):
2304.0

### Total Depth of Well (ft):
70.0

### Period of Record:
1967 to Present

### Minimum Depth to Water (ft):
8.05

### Maximum Depth to Water (ft):
11.12

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### Change in Water Level from 1999 to 2000 (ft):
-0.07

### Change in Water Level from 1995 to 2000 (ft):
0.25

### Change in Water Level from 1990 to 2000 (ft):
0.26

### Change in Water Level since 1967 (ft):
1.19

### Mean Water Level for Period of Record:
9.39

---

## AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)

### Legal Description:
SE SW SE 29 02N 27ECM

### Latitudes and Longitudes:
- Latitude: 36.603302000
- Longitude: -100.169037000

### Well Use:
Irrigation

### Elevation of Land Surface (ft):
2341.0

### Total Depth of Well (ft):
57.0

### Period of Record:
1967 to Present

### Minimum Depth to Water (ft):
10.16

### Maximum Depth to Water (ft):
11.64

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### Change in Water Level from 1999 to 2000 (ft):
0.13

### Change in Water Level from 1995 to 2000 (ft):
0.37

### Change in Water Level from 1990 to 2000 (ft):

### Change in Water Level since 1967 (ft):
-0.92

### Mean Water Level for Period of Record:
10.83
AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NE SW SE 05 02N 28E CM
LATITUDE: 36.663070200 LONGITUDE: -100.062598400
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2320.0
TOTAL DEPTH OF WELL (FT): 140.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 41.46
MAXIMUM DEPTH TO WATER (FT): 43.69

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 
MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.70

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NE 33 02N 28E CM
LATITUDE: 36.597594600 LONGITUDE: -100.044229200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2460.0
TOTAL DEPTH OF WELL (FT): 260.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 113.15
MAXIMUM DEPTH TO WATER (FT): 117.95

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.60
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 4.80
MEAN WATER LEVEL FOR PERIOD OF RECORD: 116.12
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NE 08 03N 20ECM
LATITUDE: 36.745696600  LONGITUDE: -100.923845300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2720.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 98.42
MAXIMUM DEPTH TO WATER (FT): 101.72

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.49
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): -3.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 100.21

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NE 18 03N 20ECM
LATITUDE: 36.728481300  LONGITUDE: -100.940843100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2735.0
TOTAL DEPTH OF WELL (FT): 160.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 96.75
MAXIMUM DEPTH TO WATER (FT): 98.62

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.92
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 97.83
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 36 03N 21E10
LATITUDE: 36.676134500 LONGITUDE: -100.743618500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2805.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 109.27
MAXIMUM DEPTH TO WATER (FT): 110.27

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.38
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.78

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW NW 34 03N 22E10
LATITUDE: 36.683047400 LONGITUDE: -100.680458700
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2820.0
TOTAL DEPTH OF WELL (FT): 260.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 159.39
MAXIMUM DEPTH TO WATER (FT): 160.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.37
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.25
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.52

MEAN WATER LEVEL FOR PERIOD OF RECORD: 159.77
# Beaver County (Continued)

**Aquifer: Ogallala Formation**

**Legal Description:** NW SW SW 22 03N 23Ecm

**Latitude:** 36.705586400  **Longitude:** -100.575556900  

**Well Use:** Mining

**Elevation of Land Surface (ft):** 2728.0

**Total Depth of Well (ft):** 180.0

**Period of Record:** 1981 to Present

**Minimum Depth to Water (ft):** 86.67

**Maximum Depth to Water (ft):** 89.70

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**Change in Water Level from 1999 to 2000 (ft):** 0.84

**Change in Water Level from 1995 to 2000 (ft):** 0.89

**Change in Water Level from 1990 to 2000 (ft):** 2.26

**Change in Water Level Since 1981 (ft):** 1.72

**Mean Water Level for Period of Record:** 88.10

---

**Aquifer: Ogallala Formation**

**Legal Description:** NE NE NW 18 03N 24Ecm

**Latitude:** 36.731969900  **Longitude:** -100.515967300  

**Well Use:** Domestic

**Elevation of Land Surface (ft):** 2600.0

**Total Depth of Well (ft):** 136.0

**Period of Record:** 1909 to Present

**Minimum Depth to Water (ft):** 72.02

**Maximum Depth to Water (ft):** 119.10

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**Change in Water Level from 1999 to 2000 (ft):** 2.75

**Change in Water Level from 1995 to 2000 (ft):** 5.74

**Change in Water Level from 1990 to 2000 (ft):** 2.31

**Change in Water Level Since 1909 (ft):** 2.75

**Mean Water Level for Period of Record:** 93.58

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50
AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: NW NW NE 36 03N 24E CM  
LATITUDE: 36.688560300  LONGITUDE:-100.423588000  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 2600.0  
TOTAL DEPTH OF WELL (FT): 100.0  
PERIOD OF RECORD: 1991 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 23.64  
MAXIMUM DEPTH TO WATER (FT): 26.88  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.32  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.61  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.27  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.00

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: NW NE NE 35 03N 25E CM  
LATITUDE: 36.687352702  LONGITUDE:-100.328663679  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 2500.0  
TOTAL DEPTH OF WELL (FT): 200.0  
PERIOD OF RECORD: 2000 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 51.25  
MAXIMUM DEPTH TO WATER (FT): 51.25  

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 51.25
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 06 03N 26E CM
LATITUDE: 36.747841800  LONGITUDE:-100.307320600
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2433.0
TOTAL DEPTH OF WELL (FT): 96.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 82.43
MAXIMUM DEPTH TO WATER (FT): 87.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.02
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.28
CHANGE IN WATER LEVEL SINCE 1968 (FT): 1.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 83.66

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 14 03N 26E CM
LATITUDE: 36.730455170  LONGITUDE:-100.220888322
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2370.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 42.59
MAXIMUM DEPTH TO WATER (FT): 42.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL SINCE 2000 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.59
BEAVER COUNTY (CONTINUED)

AQUIFER: OGDALLA FORMATION
LEGAL DESCRIPTION: NE SW SE 11 03N 27 ECM
LATITUDE: 36.735939400 LONGITUDE: -100.114361000
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2350.0
TOTAL DEPTH OF WELL (FT): 110.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 61.12
MAXIMUM DEPTH TO WATER (FT): 64.68

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.16
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.07
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 2.31

MEAN WATER LEVEL FOR PERIOD OF RECORD: 63.51

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NE SW SW 05 03N 28 ECM
LATITUDE: 36.749999300 LONGITUDE: -100.072609200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2320.0
TOTAL DEPTH OF WELL (FT): 360.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 105.92
MAXIMUM DEPTH TO WATER (FT): 109.92

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.98
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.71
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 2.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 108.63
BEAVER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)
LEGAL DESCRIPTION: NW NE NW 28 03N 28ECM
LATITUDE: 36.701434600 LONGITUDE: -100.052692200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2250.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.15
MAXIMUM DEPTH TO WATER (FT): 29.97

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.09
CHANGE IN WATER LEVEL SINCE 1979 (FT): 9.56

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.71

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 07 04N 20ECM
LATITUDE: 36.834072200 LONGITUDE: -100.937097400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2774.0
TOTAL DEPTH OF WELL (FT): 551.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 149.68
MAXIMUM DEPTH TO WATER (FT): 157.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.48
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -7.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 152.47

54
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SW 22 04N 20ECM
LATITUDE: 36.794906000 LONGITUDE:-100.892775000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2732.0
TOTAL DEPTH OF WELL (FT): 330.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 112.43
MAXIMUM DEPTH TO WATER (FT): 126.39

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1967 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 120.23

---

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: SW NE NE 22 04N 22ECM
LATITUDE: 36.803086700 LONGITUDE:-100.669974200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2551.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.51
MAXIMUM DEPTH TO WATER (FT): 29.88

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.93
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.28
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.63
CHANGE IN WATER LEVEL SINCE 1981 (FT): 12.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.12
**BEAVER COUNTY (CONTINUED)**

**AQUIFER: PERMIAN SYSTEM**

**LEGAL DESCRIPTION:** SW SW SW 24 04N 24ECM  
**LATITUDE:** 36.791823500  **LONGITUDE:** -100.433819800  
**WELL USE:** DOMESTIC  
**ELEVATION OF LAND SURFACE (FT):** 2395.0  
**TOTAL DEPTH OF WELL (FT):** 34.0  
**PERIOD OF RECORD:** 1967 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 20.88  
**MAXIMUM DEPTH TO WATER (FT):** 24.37

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.12  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 1.56  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -1.21  
**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -0.43

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 22.61

---

**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

**LEGAL DESCRIPTION:** SW SE SW 21 04N 25ECM  
**LATITUDE:** 36.790371600  **LONGITUDE:** -100.374487100  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 2340.0  
**TOTAL DEPTH OF WELL (FT):** 180.0  
**PERIOD OF RECORD:** 1998 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 27.92  
**MAXIMUM DEPTH TO WATER (FT):** 36.72

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 7.71  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1998 (FT):** 8.80

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 33.42
AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: NE SE NW 08 04N 26ECM
LATITUDE: 36.828414600 LONGITUDE: -100.281725700
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2520.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 113.71
MAXIMUM DEPTH TO WATER (FT): 115.13

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.19
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.14
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 114.47

AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: SW SE SW 02 04N 27ECM
LATITUDE: 36.835382900 LONGITUDE: -100.121023200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2357.0
TOTAL DEPTH OF WELL (FT): 140.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.24
MAXIMUM DEPTH TO WATER (FT): 27.61

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.71
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.70
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.67
CHANGE IN WATER LEVEL SINCE 1981 (FT): 1.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.17
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE SW SE 35 04N 27ECM
LATITUDE: 36.764933100 LONGITUDE:-100.113952500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  2210.0
TOTAL DEPTH OF WELL (FT):        40.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT):     13.22
MAXIMUM DEPTH TO WATER (FT):     15.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -0.08
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  1.26
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -0.13
CHANGE IN WATER LEVEL SINCE 1981 (FT):        -0.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.20

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 02 04N 28ECM
LATITUDE: 36.846082300 LONGITUDE:-100.007497200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  2146.0
TOTAL DEPTH OF WELL (FT):        160.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT):     5.32
MAXIMUM DEPTH TO WATER (FT):     12.70

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  0.21
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  2.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.72
CHANGE IN WATER LEVEL SINCE 1981 (FT):         4.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.02
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE NE 06 04N 28ECM
LATITUDE: 36.843580900 LONGITUDE: -100.076265800
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2285.0
TOTAL DEPTH OF WELL (FT): 77.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 51.09
MAXIMUM DEPTH TO WATER (FT): 57.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.28
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.52
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.31
CHANGE IN WATER LEVEL SINCE 1967 (FT): 4.52
MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.19

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 02 05N 20ECM
LATITUDE: 36.922256800 LONGITUDE: -100.864859700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2773.0
TOTAL DEPTH OF WELL (FT): 575.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 140.90
MAXIMUM DEPTH TO WATER (FT): 163.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.26
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.16
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.86
CHANGE IN WATER LEVEL SINCE 1968 (FT): -17.31
MEAN WATER LEVEL FOR PERIOD OF RECORD: 154.11
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 28 05N 20ECM
LATITUDE: 36.86343200 LONGITUDE: -100.909221600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2760.0
TOTAL DEPTH OF WELL (FT): 503.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 119.75
MAXIMUM DEPTH TO WATER (FT): 149.27

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.16
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.20
CHANGE IN WATER LEVEL SINCE 1968 (FT): -25.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 137.98

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 09 05N 21ECM
LATITUDE: 36.906988800 LONGITUDE: -100.788011500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2726.0
TOTAL DEPTH OF WELL (FT): 525.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 160.01
MAXIMUM DEPTH TO WATER (FT): 167.36

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.22
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.47
CHANGE IN WATER LEVEL SINCE 1967 (FT): -4.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 163.82

60
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SW 29 05N 22SEC
LATITUDE: 36.86666600 LONGITUDE: -100.706510400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2672.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 132.86
MAXIMUM DEPTH TO WATER (FT): 140.68

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.62
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.25
CHANGE IN WATER LEVEL SINCE 1967 (FT): 2.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 134.43

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NE 03 05N 23SEC
LATITUDE: 36.933877400 LONGITUDE: -100.549236200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2555.0
TOTAL DEPTH OF WELL (FT): 160.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 89.94
MAXIMUM DEPTH TO WATER (FT): 91.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.62
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.76

MEAN WATER LEVEL FOR PERIOD OF RECORD: 91.14
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SE 31 05N 23ECM
LATITUDE: 36.853783800  LONGITUDE: -100.609254900
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2595.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 66.59
MAXIMUM DEPTH TO WATER (FT): 67.99

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.34
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.87
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.45

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 19 05N 24ECM
LATITUDE: 36.888538200  LONGITUDE: -100.508622200
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2500.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.97
MAXIMUM DEPTH TO WATER (FT): 20.87

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.96
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.69
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.58
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.40

62
AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SE NW NW 04 05N 25ECM  
LATITUDE: 36.933236200  LONGITUDE: -100.364535000  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 2400.0  
TOTAL DEPTH OF WELL (FT): 206.0  
PERIOD OF RECORD: 1967 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 55.62  
MAXIMUM DEPTH TO WATER (FT): 63.74  

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.29  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.86  
CHANGE IN WATER LEVEL SINCE 1967 (FT): -7.94  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 60.30

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SE SW SW 13 05N 25ECM  
LATITUDE: 36.893824700  LONGITUDE: -100.311551300  
WELL USE: UNKNOWN  
ELEVATION OF LAND SURFACE (FT): 2560.0  
TOTAL DEPTH OF WELL (FT): 120.0  
PERIOD OF RECORD: 1998 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 103.43  
MAXIMUM DEPTH TO WATER (FT): 107.06  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.63  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1998 (FT): 3.31  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 105.74
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NW 34 05N 25E6M
LATITUDE: 36.859346800 LONGITUDE:-100.342798300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2522.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 66.23
MAXIMUM DEPTH TO WATER (FT): 68.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.96
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.27
CHANGE IN WATER LEVEL SINCE 1981 (FT): 0.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.24

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SW 15 05N 26E6M
LATITUDE: 36.892592700 LONGITUDE:-100.233070300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2582.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1971 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 175.99
MAXIMUM DEPTH TO WATER (FT): 193.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.38
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.38
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.89
CHANGE IN WATER LEVEL SINCE 1971 (FT): -14.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 190.31

64
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SW 02 05N 27SEC
LATITUDE: 36.924541400 LONGITUDE: -100.111569300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2200.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 36.40
MAXIMUM DEPTH TO WATER (FT): 54.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.19
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.27
CHANGE IN WATER LEVEL SINCE 1981 (FT): 18.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.48

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NE 22 05N 28SEC
LATITUDE: 36.891455500 LONGITUDE: -100.027735600
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2150.0
TOTAL DEPTH OF WELL (FT): 250.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.67
MAXIMUM DEPTH TO WATER (FT): 57.07

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.39
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.50
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.83
CHANGE IN WATER LEVEL SINCE 1968 (FT): 7.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.69
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 19 06N 21ECM
LATITUDE: 36.966585000 LONGITUDE:-100.837197000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2775.0
TOTAL DEPTH OF WELL (FT): 422.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 175.88
MAXIMUM DEPTH TO WATER (FT): 193.02

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1998 (FT): 16.05

MEAN WATER LEVEL FOR PERIOD OF RECORD: 181.96

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 33 06N 21ECM
LATITUDE: 36.942109000 LONGITUDE:-100.784545000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2755.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 194.66
MAXIMUM DEPTH TO WATER (FT): 199.62

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.96
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1998 (FT): -4.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 196.65
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SR SE SE 24 06N 22SEC
LATITUDE: 36.965461000 LONGITUDE: -100.621968100
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2665.0
TOTAL DEPTH OF WELL (FT): 128.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 101.20
MAXIMUM DEPTH TO WATER (FT): 106.87

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.47
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.76
CHANGE IN WATER LEVEL SINCE 1967 (FT): -2.62

MEAN WATER LEVEL FOR PERIOD OF RECORD: 104.57

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 32 06N 22SEC
LATITUDE: 36.942723100 LONGITUDE: -100.711447900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2711.0
TOTAL DEPTH OF WELL (FT): 540.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 190.16
MAXIMUM DEPTH TO WATER (FT): 196.26

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.34
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.75
CHANGE IN WATER LEVEL SINCE 1981 (FT): -5.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 192.62
BEAVER COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NW 31 06N 24ECM
LATITUDE: 36.945745700 LONGITUDE:-100.507939300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2500.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 79.46
MAXIMUM DEPTH TO WATER (FT): 82.69

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.03
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.43
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 81.69

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NE SW 07 06N 25ECM
LATITUDE: 36.999349200 LONGITUDE:-100.398466500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2290.0
TOTAL DEPTH OF WELL (FT): 100.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.50
MAXIMUM DEPTH TO WATER (FT): 7.08

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.03
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.43
CHANGE IN WATER LEVEL SINCE 1981 (FT): 0.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.67
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 20 06N 25E1M
LATITUDE: 36.970208400 LONGITUDE:-100.375980200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2380.0
TOTAL DEPTH OF WELL (FT): 164.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 37.22
MAXIMUM DEPTH TO WATER (FT): 46.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.59
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.81
CHANGE IN WATER LEVEL SINCE 1981 (FT): -3.17

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.04

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE NW NW 20 06N 26E1M
LATITUDE: 36.975659000 LONGITUDE:-100.274242400
WELL USE: INDUSTRIAL
ELEVATION OF LAND SURFACE (FT): 2205.0
TOTAL DEPTH OF WELL (FT): 140.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.37
MAXIMUM DEPTH TO WATER (FT): 17.87

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.09
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): 0.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.57
BEAVER COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE SW 35 06N 27ECM
LATITUDE: 36.941140800 LONGITUDE:-100.110740300
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2100.0
TOTAL DEPTH OF WELL (FT): 100.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.60
MAXIMUM DEPTH TO WATER (FT): 26.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.22
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.38
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW SW 31 08N 21WIM
LATITUDE: 35.122159009 LONGITUDE: -99.463672791
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1730.0
TOTAL DEPTH OF WELL (FT): 76.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.85
MAXIMUM DEPTH TO WATER (FT): 25.73

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.43
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.45
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.76
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.94

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.81

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE NW 02 08N 22WIM
LATITUDE: 35.203975751 LONGITUDE: -99.492516954
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1850.0
TOTAL DEPTH OF WELL (FT): 210.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 32.17
MAXIMUM DEPTH TO WATER (FT): 64.68

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.37
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.62
CHANGE IN WATER LEVEL SINCE 1981 (FT): 29.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.27
### BECKHAM COUNTY (CONTINUED)

**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** SE NE NE 27 08N 22WIM

**LATITUDE:** 35.142590541 **LONGITUDE:** -99.501246216

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1705.0

**TOTAL DEPTH OF WELL (FT):** 50.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 13.02

**MAXIMUM DEPTH TO WATER (FT):** 22.85

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.56

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 1.07

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -2.04

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 1.42

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 18.34

---

### AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED

**LEGAL DESCRIPTION:** NW NW NE 17 08N 23WIM

**LATITUDE:** 35.174764969 **LONGITUDE:** -99.649905085

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1905.0

**TOTAL DEPTH OF WELL (FT):** 80.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 4.21

**MAXIMUM DEPTH TO WATER (FT):** 19.26

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.22

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 3.46

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -0.73

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 7.65

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 12.30

72
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NE NE 09 08N 24WIM
LATITUDE: 35.189406228 LONGITUDE: -99.734072024
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1950.0
TOTAL DEPTH OF WELL (FT): 142.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.72
MAXIMUM DEPTH TO WATER (FT): 53.30

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.83

AQUIFER: BLAINE FORMATION
LEGAL DESCRIPTION: NW NE NW 10 08N 25WIM
LATITUDE: 35.188799672 LONGITUDE: -99.829338986
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2020.0
TOTAL DEPTH OF WELL (FT): 82.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 28.82
MAXIMUM DEPTH TO WATER (FT): 50.61

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.21
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.77
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.36
CHANGE IN WATER LEVEL SINCE 1980 (FT): 8.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.57
BECKHAM COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW NW 33 09N 22W1M
LATITUDE: 35.217648027 LONGITUDE: -99.540752623
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1785.0
TOTAL DEPTH OF WELL (FT): 74.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 30.77
MAXIMUM DEPTH TO WATER (FT): 45.92

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.74
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.04
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.88

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SW SW 25 09N 23W1M
LATITUDE: 35.219677937 LONGITUDE: -99.591192215
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1850.0
TOTAL DEPTH OF WELL (FT): 148.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 58.20
MAXIMUM DEPTH TO WATER (FT): 112.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 51.97
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.84
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.87
CHANGE IN WATER LEVEL SINCE 1981 (FT): 4.07

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.25
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE SW SW 32 09N 23WIM
LATITUDE: 35.207508656 LONGITUDE: -99.661563578
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1880.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.98
MAXIMUM DEPTH TO WATER (FT): 28.88

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.64
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.45
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.72

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.24

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE SE 13 09N 24WIM
LATITUDE: 35.254786497 LONGITUDE: -99.683768900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1860.0
TOTAL DEPTH OF WELL (FT): 30.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.84
MAXIMUM DEPTH TO WATER (FT): 18.68

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.06
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.10
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.67
CHANGE IN WATER LEVEL SINCE 1981 (FT): 4.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.33
### BECKHAM COUNTY (CONTINUED)

**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** NW NW SW 18 09N 24WIM

**LATITUDE:** 35.25352435  **LONGITUDE:** -99.788100036

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1935.0

**TOTAL DEPTH OF WELL (FT):** 120.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 13.54

**MAXIMUM DEPTH TO WATER (FT):** 26.87

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.88

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.78

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 2.05

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 7.38

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 19.75

---

**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** SW NW SW 21 09N 24WIM

**LATITUDE:** 35.237525858  **LONGITUDE:** -99.752517423

**WELL USE:** DOMESTIC

**ELEVATION OF LAND SURFACE (FT):** 1930.0

**TOTAL DEPTH OF WELL (FT):** 59.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 36.42

**MAXIMUM DEPTH TO WATER (FT):** 46.85

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.29

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 5.73

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 4.24

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 10.10

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 42.41
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE SW 05 09N 25WIM
LATITUDE: 35.277416842 LONGITUDE: -99.868419873
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1980.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 41.59
MAXIMUM DEPTH TO WATER (FT): 55.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.35
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.91
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.24
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.77

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.72

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW NW 12 09N 25WIM
LATITUDE: 35.271667961 LONGITUDE: -99.803820161
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1970.0
TOTAL DEPTH OF WELL (FT): 130.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 30.46
MAXIMUM DEPTH TO WATER (FT): 41.77

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.69
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.34
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SW 19 09N 25WIM
LATITUDE: 35.234355788 LONGITUDE: -99.894219644
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2005.0
TOTAL DEPTH OF WELL (FT): 36.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.47
MAXIMUM DEPTH TO WATER (FT): 21.67

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.89
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.52
CHANGE IN WATER LEVEL SINCE 1980 (FT): -3.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.05

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW NW 31 09N 25WIM
LATITUDE: 35.214631744 LONGITUDE: -99.893617185
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2030.0
TOTAL DEPTH OF WELL (FT): 35.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.86
MAXIMUM DEPTH TO WATER (FT): 18.35

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.42
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.52
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.30
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.82
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW NW 08 09N 26WIM
LATITUDE: 35.271755922 LONGITUDE: -99.981141553
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2060.0
TOTAL DEPTH OF WELL (FT): 63.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 50.09
MAXIMUM DEPTH TO WATER (FT): 58.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.70
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.28
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.67

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NW SW 30 09N 26WIM
LATITUDE: 35.225546951 LONGITUDE: -99.995836019
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2140.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 33.22
MAXIMUM DEPTH TO WATER (FT): 47.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.06
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.56

MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.98
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 21 11N 26WIM
LATITUDE: 35.408196743 LONGITUDE: -99.955588917
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2100.0
TOTAL DEPTH OF WELL (FT): 90.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.23
MAXIMUM DEPTH TO WATER (FT): 11.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.76
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.59
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.61
CHANGE IN WATER LEVEL SINCE 1980 (FT): -0.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.49

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 34 11N 26WIM
LATITUDE: 35.393146799 LONGITUDE: -99.929396585
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2090.0
TOTAL DEPTH OF WELL (FT): 32.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.38
MAXIMUM DEPTH TO WATER (FT): 21.96

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.45
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.63
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.47
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.97
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE NE 15 13N 13WIM
LATITUDE: 35.598900900 LONGITUDE: -98.566300100
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 1550.0
TOTAL DEPTH OF WELL (FT): 275.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 74.07
MAXIMUM DEPTH TO WATER (FT): 88.92

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1990 (FT): 
MEAN WATER LEVEL FOR PERIOD OF RECORD: 84.35

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NE NE 14 14N 13WIM
LATITUDE: 35.694300561 LONGITUDE: -98.546140221
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 1610.0
TOTAL DEPTH OF WELL (FT): 145.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.88
MAXIMUM DEPTH TO WATER (FT): 25.36

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.59
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1998 (FT): -1.48
MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.67
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SW SW 32 14N 13WIM
LATITUDE: 35.638752898 LONGITUDE: -98.614371817
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1705.0
TOTAL DEPTH OF WELL (FT): 294.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 77.06
MAXIMUM DEPTH TO WATER (FT): 80.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -2.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 78.99

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SE SE 26 15N 11WIM
LATITUDE: 35.743205632 LONGITUDE: -98.334989767
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1445.0
TOTAL DEPTH OF WELL (FT): 52.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.65
MAXIMUM DEPTH TO WATER (FT): 11.65

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.65
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SE 26 15N 13WIM
LATITUDE: 35.743031969 LONGITUDE: -98.548422076
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1755.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 32.00
MAXIMUM DEPTH TO WATER (FT): 32.49

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): 0.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.25

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SW NW 15 16N 11WIM
LATITUDE: 35.864083400 LONGITUDE: -98.365761300
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1585.0
TOTAL DEPTH OF WELL (FT): 76.0
PERIOD OF RECORD: 1982 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.98
MAXIMUM DEPTH TO WATER (FT): 34.44

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.74
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.43
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.05
CHANGE IN WATER LEVEL SINCE 1982 (FT): 10.52

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.69
BLAINE COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW NW SE 19 16N 11WIM
LATITUDE: 35.845659400 LONGITUDE: -98.410176400
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1515.0
TOTAL DEPTH OF WELL (FT): 53.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.58
MAXIMUM DEPTH TO WATER (FT): 30.27

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.89
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.09
CHANGE IN WATER LEVEL SINCE 1976 (FT): 18.07

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.82

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE SE SE 09 17N 12WIM
LATITUDE: 35.958777500 LONGITUDE: -98.478126700
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1615.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 44.29
MAXIMUM DEPTH TO WATER (FT): 53.93

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.92
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.20
CHANGE IN WATER LEVEL SINCE 1978 (FT): 7.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.50
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW NE NE 30 18N 12W1M
LATITUDE: 36.012412500 LONGITUDE: -98.515021800
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1580.0
TOTAL DEPTH OF WELL (FT): 54.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.71
MAXIMUM DEPTH TO WATER (FT): 20.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.69
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.12
CHANGE IN WATER LEVEL SINCE 1989 (FT): 7.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.46

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NW NW 04 19N 13W1M
LATITUDE: 36.158996500 LONGITUDE: -98.600356700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1650.0
TOTAL DEPTH OF WELL (FT): 48.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.00
MAXIMUM DEPTH TO WATER (FT): 21.65

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.27
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.32
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.31
CHANGE IN WATER LEVEL SINCE 1976 (FT): 5.17

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.52
BLAINE COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN  
LEGAL DESCRIPTION: SW NW NW 25 19N 13WIM  
LATITUDE: 36.099140100 LONGITUDE: -98.547306400  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 1628.0  
TOTAL DEPTH OF WELL (FT):  
PERIOD OF RECORD: 1979 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 17.20  
MAXIMUM DEPTH TO WATER (FT): 30.91

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.14
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.81
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.47
CHANGE IN WATER LEVEL SINCE 1979 (FT): 11.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.66

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN  
LEGAL DESCRIPTION: SW SW SW 32 19N 13WIM  
LATITUDE: 36.072407681 LONGITUDE: -98.618717833  
WELL USE: INDUSTRIAL  
ELEVATION OF LAND SURFACE (FT): 1684.0  
TOTAL DEPTH OF WELL (FT): 200.0  
PERIOD OF RECORD: 1998 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 11.63  
MAXIMUM DEPTH TO WATER (FT): 15.24

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.35
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1998 (FT): -3.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.59
AQUIFER: CADDIO LIMESTONE
LEGAL DESCRIPTION: NW NW NW 23 06S 12E1M
LATITUDE: 34.025123438 LONGITUDE: -96.023892360
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 620.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 131.04
MAXIMUM DEPTH TO WATER (FT): 161.87

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.52
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.21
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 20.90
CHANGE IN WATER LEVEL SINCE 1977 (FT): 30.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 149.00

AQUIFER: WOODBINE FORMATION
LEGAL DESCRIPTION: SE NW NW 31 07S 09E1M
LATITUDE: 33.907494272 LONGITUDE: -96.405420425
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 670.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 52.70
MAXIMUM DEPTH TO WATER (FT): 52.70

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 52.70
Aquifer: Woodbine Formation
Legal Description: SE SE SE 26 07S 10E1M
Latitude: 33.911523789 Longitude: -96.216490258
Well Use: Domestic
Elevation of Land Surface (ft): 590.0
Total Depth of Well (ft): 294.0
Period of Record: 1994 to Present
Minimum Depth to Water (ft): 104.15
Maximum Depth to Water (ft): 121.06

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Change in Water Level from 1999 to 2000 (ft): -4.45
Change in Water Level from 1995 to 2000 (ft): -16.91
Change in Water Level from 1990 to 2000 (ft):
Change in Water Level since 1994 (ft): -16.01

Mean Water Level for Period of Record: 109.96

Aquifer: A & T Deposits of the Red River
Legal Description: SW NW NW 17 08S 08E1M
Latitude: 33.865063362 Longitude: -96.500110149
Well Use: Domestic
Elevation of Land Surface (ft): 660.0
Total Depth of Well (ft): 52.0
Period of Record: 2000 to Present
Minimum Depth to Water (ft): 38.29
Maximum Depth to Water (ft): 38.29

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Change in Water Level from 1995 to 2000 (ft):
Change in Water Level from 1990 to 2000 (ft):
Change in Water Level since 2000 (ft): 0.00

Mean Water Level for Period of Record: 38.29
AQUIFER: WOODBINE FORMATION
LEGAL DESCRIPTION: SW NE SE 28 09S 09EIM
LATITUDE: 33.740488337 LONGITUDE: -96.364730635
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 565.0
TOTAL DEPTH OF WELL (FT): 175.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 29.56
MAXIMUM DEPTH TO WATER (FT): 29.56

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.56

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NE SE SE 06 09S 11EIM
LATITUDE: 33.797982423 LONGITUDE: -96.188095060
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 486.0
TOTAL DEPTH OF WELL (FT): 51.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.55
MAXIMUM DEPTH TO WATER (FT): 10.25

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -3.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.33
CADDIO COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NE NE 14 05N 10WIM
LATITUDE: 34.909415201 LONGITUDE: -98.217080118
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1320.0
TOTAL DEPTH OF WELL (FT): 110.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.14
MAXIMUM DEPTH TO WATER (FT): 6.14

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.14

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE NW 22 06N 10WIM
LATITUDE: 34.980755562 LONGITUDE: -98.243931216
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1345.0
TOTAL DEPTH OF WELL (FT): 205.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.40
MAXIMUM DEPTH TO WATER (FT): 8.40

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.40

90
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SE 06 07N 11WIM
LATITUDE: 35.105228392 LONGITUDE: -98.394806244
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1305.0
TOTAL DEPTH OF WELL (FT): 185.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 52.54
MAXIMUM DEPTH TO WATER (FT): 52.54

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 52.54

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SW SW 34 07N 11WIM
LATITUDE: 35.031319800 LONGITUDE: -98.356262900
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1360.0
TOTAL DEPTH OF WELL (FT): 135.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.13
MAXIMUM DEPTH TO WATER (FT): 29.55

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.53
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.71
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.49
CHANGE IN WATER LEVEL SINCE 1990 (FT): -1.49
MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.55
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NW 04 07N 13WIM
LATITUDE: 35.11610900 LONGITUDE: -98.584915100
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1335.0
TOTAL DEPTH OF WELL (FT): 114.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 40.14
MAXIMUM DEPTH TO WATER (FT): 46.85

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.90
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.37
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.13

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SW NW 30 08N 10WIM
LATITUDE: 35.142435414 LONGITUDE: -98.299832491
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1425.0
TOTAL DEPTH OF WELL (FT): 200.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 75.62
MAXIMUM DEPTH TO WATER (FT): 75.62

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 75.62

92
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE SW 19 08N 11W1M
LATITUDE: 35.149131300 LONGITUDE: -98.400695000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1418.0
TOTAL DEPTH OF WELL (FT): 287.0
PERIOD OF RECORD: 1955 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 63.00
MAXIMUM DEPTH TO WATER (FT): 117.70

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.08
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.96
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.48
CHANGE IN WATER LEVEL SINCE 1955 (FT): -5.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 76.48

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE NE 30 09N 11W1M
LATITUDE: 35.227559400 LONGITUDE: -98.394741300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1509.0
TOTAL DEPTH OF WELL (FT): 266.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 52.96
MAXIMUM DEPTH TO WATER (FT): 78.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.58
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.86
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 18.39
CHANGE IN WATER LEVEL SINCE 1989 (FT): 22.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 61.55
AQUIFER: RUSH SPRINGS SANDSTONE  
LEGAL DESCRIPTION: NW SE SE 14 09N 12W1M  
LATITUDE: 35.249413400  LONGITUDE: -98.434046700  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT):  1502.0  
TOTAL DEPTH OF WELL (FT):  294.0  
PERIOD OF RECORD: 1978 TO PRESENT  
MINIMUM DEPTH TO WATER (FT):  59.06  
MAXIMUM DEPTH TO WATER (FT):  87.38  

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1978 (FT):  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 74.63

AQUIFER: RUSH SPRINGS SANDSTONE  
LEGAL DESCRIPTION: SW NE NW 23 09N 12W1M  
LATITUDE: 35.243894100  LONGITUDE: -98.440661400  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT):  1485.0  
TOTAL DEPTH OF WELL (FT):  
PERIOD OF RECORD: 1978 TO PRESENT  
MINIMUM DEPTH TO WATER (FT):  62.26  
MAXIMUM DEPTH TO WATER (FT):  82.90  

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1978 (FT):  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.66
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE NE 12 09N 13WIM
LATITUDE: 35.272663300  LONGITUDE: -98.520004800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1428.0
TOTAL DEPTH OF WELL (FT): 284.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 25.98
MAXIMUM DEPTH TO WATER (FT): 50.65

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.72
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.70
CHANGE IN WATER LEVEL SINCE 1977 (FT): 9.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.76

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 17 10N 09WIM
LATITUDE: 35.337518336  LONGITUDE: -98.180477744
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1560.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 80.18
MAXIMUM DEPTH TO WATER (FT): 80.18

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 80.18

95
### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** NE SE SE 26 10N 10WIM

**LATITUDE:** 35.308409437 **LONGITUDE:** -98.220470231

**WELL USE:** INDUSTRIAL

**ELEVATION OF LAND SURFACE (FT):** 1370.0

**TOTAL DEPTH OF WELL (FT):** 130.0

**PERIOD OF RECORD:** 2000 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 5.75

**MAXIMUM DEPTH TO WATER (FT):** 5.75

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 5.75

---

### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** SW NW SW 32 10N 11WIM

**LATITUDE:** 35.294815466 **LONGITUDE:** -98.393053650

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1570.0

**TOTAL DEPTH OF WELL (FT):** 268.0

**PERIOD OF RECORD:** 2000 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 128.45

**MAXIMUM DEPTH TO WATER (FT):** 128.45

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 128.45
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NW NW 03 10N 12W1M
LATITUDE: 35.37535000 LONGITUDE: -98.461076400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1640.0
TOTAL DEPTH OF WELL (FT): 330.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 110.85
MAXIMUM DEPTH TO WATER (FT): 145.70

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 8.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 25.27
CHANGE IN WATER LEVEL SINCE 1978 (FT): 18.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 129.64

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 10 10N 12W1M
LATITUDE: 35.352214900 LONGITUDE: -98.460821600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1625.0
TOTAL DEPTH OF WELL (FT): 340.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 93.71
MAXIMUM DEPTH TO WATER (FT): 120.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.65
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.80
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 13.75
CHANGE IN WATER LEVEL SINCE 1977 (FT): 4.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 105.77
### CADDO COUNTY (CONTINUED)

**AQUIFER: RUSH SPRINGS SANDSTONE**  
**LEGAL DESCRIPTION:** NE SW SW 13 10N 12WIM  
**LATITUDE:** 35.338018800 **LONGITUDE:** -98.426745900  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 1565.0  
**TOTAL DEPTH OF WELL (FT):** 355.0  
**PERIOD OF RECORD:** 1978 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 51.65  
**MAXIMUM DEPTH TO WATER (FT):** 74.70

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.60  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 9.86  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 16.03  
**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 10.90  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 65.53

---

**AQUIFER: RUSH SPRINGS SANDSTONE**  
**LEGAL DESCRIPTION:** SE SE NE 17 10N 12WIM  
**LATITUDE:** 35.342023700 **LONGITUDE:** -98.482952900  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 1585.0  
**TOTAL DEPTH OF WELL (FT):** 328.0  
**PERIOD OF RECORD:** 1977 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 75.56  
**MAXIMUM DEPTH TO WATER (FT):** 95.92

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.32  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.28  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 9.29  
**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 3.13

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 86.28
### Caddo County (Continued)

**Aquifer: Rush Springs Sandstone**

**Legal Description:** NW SW NW 23 10N 12WIM

**Latitude:** 35.330074900  **Longitude:** -98.446446300

**Well Use:** Irrigation

**Elevation of Land Surface (ft):** 1582.0

**Total Depth of Well (ft):** 288.0

**Period of Record:** 1978 to Present

**Minimum Depth to Water (ft):** 70.90

**Maximum Depth to Water (ft):** 95.38

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**Change in Water Level from 1999 to 2000 (ft):** -0.65

**Change in Water Level from 1995 to 2000 (ft):** 9.75

**Change in Water Level from 1990 to 2000 (ft):** 14.64

**Change in Water Level Since 1978 (ft):** 12.80

**Mean Water Level for Period of Record:** 84.95

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**Aquifer: Rush Springs Sandstone**

**Legal Description:** NW SE SE 31 10N 12WIM

**Latitude:** 35.294270600  **Longitude:** -98.504605600

**Well Use:** Irrigation

**Elevation of Land Surface (ft):** 1463.0

**Total Depth of Well (ft):** 307.0

**Period of Record:** 1982 to Present

**Minimum Depth to Water (ft):** 63.00

**Maximum Depth to Water (ft):** 89.45

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**Change in Water Level from 1999 to 2000 (ft):** 0.80

**Change in Water Level from 1995 to 2000 (ft):** 5.54

**Change in Water Level from 1990 to 2000 (ft):** 12.56

**Change in Water Level Since 1982 (ft):** 25.56

**Mean Water Level for Period of Record:** 76.48
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SE 32 10N 12WIM
LATITUDE: 35.294100800 LONGITUDE: -98.487498600
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1550.0
TOTAL DEPTH OF WELL (FT): 257.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 64.07
MAXIMUM DEPTH TO WATER (FT): 73.37

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.38
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 8.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 68.32

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NW NE 33 10N 12WIM
LATITUDE: 35.302377600 LONGITUDE: -98.471804800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1573.0
TOTAL DEPTH OF WELL (FT): 290.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 79.60
MAXIMUM DEPTH TO WATER (FT): 105.29

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.62
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 9.81
CHANGE IN WATER LEVEL SINCE 1977 (FT): 11.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 90.77
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE NE 22 10N 13WIM
LATITUDE: 35.330348900 LONGITUDE: -98.557235000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1525.0
TOTAL DEPTH OF WELL (FT): 328.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 55.17
MAXIMUM DEPTH TO WATER (FT): 75.73

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 10.78
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 7.90
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 12.79
CHANGE IN WATER LEVEL SINCE 1979 (FT): 4.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 68.38

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE SE 06 11N 11WIM
LATITUDE: 35.454714400 LONGITUDE: -98.397522300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1607.0
TOTAL DEPTH OF WELL (FT): 285.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 98.99
MAXIMUM DEPTH TO WATER (FT): 109.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1983 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 103.19
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NW 21 11N 11WIM
LATITUDE: 35.420417700 LONGITUDE: -98.376027400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1485.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 30.20
MAXIMUM DEPTH TO WATER (FT): 34.32

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.56
CHANGE IN WATER LEVEL SINCE 1989 (FT): 2.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.24

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE SW 04 11N 12WIM
LATITUDE: 35.453415200 LONGITUDE: -98.478525500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1695.0
TOTAL DEPTH OF WELL (FT): 285.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 127.80
MAXIMUM DEPTH TO WATER (FT): 140.82

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.30
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.77
CHANGE IN WATER LEVEL SINCE 1977 (FT): 0.28

MEAN WATER LEVEL FOR PERIOD OF RECORD: 133.61
CADDIO COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SE SW 14 11N 12WIM
LATITUDE: 35.420935800 LONGITUDE: -98.442336300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1590.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 50.20
MAXIMUM DEPTH TO WATER (FT): 94.44

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 18.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 14.15
CHANGE IN WATER LEVEL SINCE 1977 (FT): 15.64

MEAN WATER LEVEL FOR PERIOD OF RECORD: 77.39

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NE 15 11N 13WIM
LATITUDE: 35.432436500 LONGITUDE: -98.575486300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1650.0
TOTAL DEPTH OF WELL (FT): 354.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 83.40
MAXIMUM DEPTH TO WATER (FT): 91.32

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.61
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.78
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.88
CHANGE IN WATER LEVEL SINCE 1978 (FT): 3.43

MEAN WATER LEVEL FOR PERIOD OF RECORD: 88.13

103
### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** SW NE NE 29 12N 11WIM  
**LATITUDE:** 35.490619000  **LONGITUDE:** -98.380070000  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 1640.0  
**TOTAL DEPTH OF WELL (FT):** 260.0  
**PERIOD OF RECORD:** 1981 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 102.42  
**MAXIMUM DEPTH TO WATER (FT):** 110.70  

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.43  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 0.17  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 1.60  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 6.68  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 106.07

### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** NE NW NW 15 12N 12WIM  
**LATITUDE:** 35.520527600  **LONGITUDE:** -98.460863100  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 1608.0  
**TOTAL DEPTH OF WELL (FT):** 238.0  
**PERIOD OF RECORD:** 1989 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 66.55  
**MAXIMUM DEPTH TO WATER (FT):** 75.58  

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.35  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 5.55  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 8.63  
**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 8.68  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 72.09
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NW 27 12N 13WIM
LATITUDE: 35.490351500 LONGITUDE: -98.567365100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1635.0
TOTAL DEPTH OF WELL (FT): 287.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 62.05
MAXIMUM DEPTH TO WATER (FT): 72.32

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.47
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.90
CHANGE IN WATER LEVEL SINCE 1978 (FT): 3.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.11
### Canadian County

**Aquifer: A & T Deposits of the Canadian River**

- **Legal Description:** SW NE SW 02 10N 07WIM
- **Latitude:** 35.368402200  **Longitude:** -97.916855600
- **Well Use:** Mining
- **Elevation of Land Surface (ft):** 1260.0
- **Total Depth of Well (ft):** 37.0
- **Period of Record:** 1996 to Present
- **Minimum Depth to Water (ft):** 3.82
- **Maximum Depth to Water (ft):** 7.44

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**Change in Water Level**

- **Change in Water Level from 1999 to 2000 (ft):**
- **Change in Water Level from 1995 to 2000 (ft):**
- **Change in Water Level from 1990 to 2000 (ft):**
- **Change in Water Level since 1996 (ft):**

**Mean Water Level for Period of Record:** 5.77

---

### Beaver-North Canadian

**Aquifer: A & T Deposits of the Beaver-North Canadian**

- **Legal Description:** SW SE SW 11 12N 05WIM
- **Latitude:** 35.524028900  **Longitude:** -97.700522800
- **Well Use:** Irrigation
- **Elevation of Land Surface (ft):** 1253.0
- **Total Depth of Well (ft):** 43.0
- **Period of Record:** 1977 to Present
- **Minimum Depth to Water (ft):** 2.52
- **Maximum Depth to Water (ft):** 11.34

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**Change in Water Level**

- **Change in Water Level from 1999 to 2000 (ft):** -0.41
- **Change in Water Level from 1995 to 2000 (ft):** -2.48
- **Change in Water Level from 1990 to 2000 (ft):** -2.72
- **Change in Water Level since 1977 (ft):** 4.76

**Mean Water Level for Period of Record:** 5.78
### AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN

**LEGAL DESCRIPTION:** NE SE NE 18 12N 05WIM

**LATITUDE:** 35.518832600 **LONGITUDE:** -97.760298300

**WELL USE:** PUBLIC WATER SUPPLY

**ELEVATION OF LAND SURFACE (FT):** 1270.0

**TOTAL DEPTH OF WELL (FT):** 43.0

**PERIOD OF RECORD:** 1977 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 4.28

**MAXIMUM DEPTH TO WATER (FT):** 18.48

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.48

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -1.26

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -3.84

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 3.98

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 10.36

### AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN

**LEGAL DESCRIPTION:** NW NE SE 03 12N 07WIM

**LATITUDE:** 35.542788700 **LONGITUDE:** -97.923703300

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1310.0

**TOTAL DEPTH OF WELL (FT):** 50.0

**PERIOD OF RECORD:** 1978 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 13.71

**MAXIMUM DEPTH TO WATER (FT):** 20.83

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.72

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.77

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -2.17

**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 0.76

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 17.40
#### CANADIAN COUNTY (CONTINUED)

**AQUIFER: RUSH SPRINGS SANDSTONE**

- **LEGAL DESCRIPTION:** NE SW SE 31 12N 10WIM
- **LATITUDE:** 35.466882034  **LONGITUDE:** -98.293790614
- **WELL USE:** INDUSTRIAL
- **ELEVATION OF LAND SURFACE (FT):** 1490.0
- **TOTAL DEPTH OF WELL (FT):** 180.0
- **PERIOD OF RECORD:** 2000 TO PRESENT
- **MINIMUM DEPTH TO WATER (FT):** 88.14
- **MAXIMUM DEPTH TO WATER (FT):** 88.14

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 88.14

---

**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

- **LEGAL DESCRIPTION:** NE SE SE 31 13N 06WIM
- **LATITUDE:** 35.554249900  **LONGITUDE:** -97.870868400
- **WELL USE:** DOMESTIC
- **ELEVATION OF LAND SURFACE (FT):** 1295.0
- **TOTAL DEPTH OF WELL (FT):** 45.0
- **PERIOD OF RECORD:** 1977 TO PRESENT
- **MINIMUM DEPTH TO WATER (FT):** 4.36
- **MAXIMUM DEPTH TO WATER (FT):** 14.65

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.06

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -1.04

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -2.31

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 3.81

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 8.60
AQUIFER: OSCAR FORMATION
LEGAL DESCRIPTION: SW NW NW 35 03S 01WIM
LATITUDE: 34.257549241 LONGITUDE: -97.282192981
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 920.0
TOTAL DEPTH OF WELL (FT): 195.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 21.14
MAXIMUM DEPTH TO WATER (FT): 51.31

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.29
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -15.41
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -7.25
CHANGE IN WATER LEVEL SINCE 1977 (FT): -7.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.60
CHEROKEE COUNTY

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SW SE SW 32 17N 22EIM
LATITUDE: 35.901122188 LONGITUDE: -94.98648590
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 780.0
TOTAL DEPTH OF WELL (FT): 54.0
PERIOD OF RECORD: 1985 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.40
MAXIMUM DEPTH TO WATER (FT): 30.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.71
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.92
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.12
CHANGE IN WATER LEVEL SINCE 1985 (FT): 0.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.55

AQUIFER: ATOKA FORMATION
LEGAL DESCRIPTION: SE SE SW 33 18N 20EIM
LATITUDE: 35.987906177 LONGITUDE: -95.186540537
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 680.0
TOTAL DEPTH OF WELL (FT): 65.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.99
MAXIMUM DEPTH TO WATER (FT): 18.36

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.94
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.87
CHANGE IN WATER LEVEL SINCE 1979 (FT): 5.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.33
AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: NE SW SW 17 18N 22E1M
LATITUDE: 36.03237581  LONGITUDE: -94.99160380
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1000.0
TOTAL DEPTH OF WELL (FT): 155.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 36.44
MAXIMUM DEPTH TO WATER (FT): 53.13

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.24
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.21
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 12.38
CHANGE IN WATER LEVEL SINCE 1981 (FT): 15.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.49
CHOCTAW COUNTY

AQUIFER: ANTILERS SANDSTONE
LEGAL DESCRIPTION: SW NW SE 18 06S 14EIM
LATITUDE: 34.031074534  LONGITUDE: -95.876427653
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 600.0
TOTAL DEPTH OF WELL (FT): 370.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.25
MAXIMUM DEPTH TO WATER (FT): 28.05

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.58
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.12
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.16
CHANGE IN WATER LEVEL SINCE 1977 (FT): 4.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.72

AQUIFER: CADDO LIMESTONE
LEGAL DESCRIPTION: NW NE NE 27 06S 15EIM
LATITUDE: 34.011150748  LONGITUDE: -95.715474089
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 470.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 18.65
MAXIMUM DEPTH TO WATER (FT): 21.33

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.68
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.58
CHANGE IN WATER LEVEL SINCE 1994 (FT): -2.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.89
AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SE SE SW 02 06S 19E1M
LATITUDE: 34.056334175  LONGITUDE: -95.287713866
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT):  540.0
TOTAL DEPTH OF WELL (FT):  380.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  70.04
MAXIMUM DEPTH TO WATER (FT):  81.36

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -1.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -1.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  3.76
CHANGE IN WATER LEVEL SINCE 1981 (FT):  7.36

MEAN WATER LEVEL FOR PERIOD OF RECORD:  75.54

AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SE SE SE 03 06S 19E1M
LATITUDE: 34.056853989  LONGITUDE: -95.296019717
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  540.0
TOTAL DEPTH OF WELL (FT):  320.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  39.56
MAXIMUM DEPTH TO WATER (FT):  59.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -2.38
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -2.71
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  3.76
CHANGE IN WATER LEVEL SINCE 1981 (FT):  13.49

MEAN WATER LEVEL FOR PERIOD OF RECORD:  48.47
AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: NW NW NW 15 01N 01ECM
LATITUDE: 36.559324700 LONGITUDE: -102.948128000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4684.0
TOTAL DEPTH OF WELL (FT): 412.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 173.55
MAXIMUM DEPTH TO WATER (FT): 198.38

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.32
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.36
CHANGE IN WATER LEVEL SINCE 1967 (FT): -24.83
MEAN WATER LEVEL FOR PERIOD OF RECORD: 192.08

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 18 01N 01ECM
LATITUDE: 36.557749297 LONGITUDE: -103.001653557
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4658.0
TOTAL DEPTH OF WELL (FT): 290.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 77.06
MAXIMUM DEPTH TO WATER (FT): 77.06

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 77.06
AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: NW NW SW 25 01N 01E
LATITUDE: 36.523190200 LONGITUDE:-102.912337500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  4633.0
TOTAL DEPTH OF WELL (FT):  400.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  158.52
MAXIMUM DEPTH TO WATER (FT):  186.53

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  3.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  3.07
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -1.63
CHANGE IN WATER LEVEL SINCE 1967 (FT):  -23.31

MEAN WATER LEVEL FOR PERIOD OF RECORD:  176.45

AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: SW SE NW 16 01N 02E
LATITUDE: 36.554157400 LONGITUDE:-102.852670900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  4519.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  82.86
MAXIMUM DEPTH TO WATER (FT):  142.76

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  16.82
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -20.66
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -25.26
CHANGE IN WATER LEVEL SINCE 1967 (FT):  10.49

MEAN WATER LEVEL FOR PERIOD OF RECORD:  98.82
AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: NW NW SW 24 01N 02ECM
LATITUDE: 36.537746100 LONGITUDE:-102.804461600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4467.0
TOTAL DEPTH OF WELL (FT): 410.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 109.45
MAXIMUM DEPTH TO WATER (FT): 141.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.50
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -18.73
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -22.57
CHANGE IN WATER LEVEL SINCE 1967 (FT): -28.39

MEAN WATER LEVEL FOR PERIOD OF RECORD: 120.05

AQUIFER: DAKOTA FORMATION
LEGAL DESCRIPTION: SW NW SW 17 01N 03ECM
LATITUDE: 36.548997900 LONGITUDE:-102.768728300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4417.0
TOTAL DEPTH OF WELL (FT): 252.0
PERIOD OF RECORD: 1969 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 96.32
MAXIMUM DEPTH TO WATER (FT): 130.49

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -19.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -29.06
CHANGE IN WATER LEVEL SINCE 1969 (FT): -29.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 108.50
AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE  
LEGAL DESCRIPTION: NW SW SW 29 01N 03ECM  
LATITUDE: 36.518917300 LONGITUDE:-102.768912500  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 4417.0  
TOTAL DEPTH OF WELL (FT): 444.0  
PERIOD OF RECORD: 1967 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 132.10  
MAXIMUM DEPTH TO WATER (FT): 225.92  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.78  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -51.70  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -88.42  
CHANGE IN WATER LEVEL SINCE 1967 (FT): -88.57  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 161.11

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SW SE NE 26 01N 04ECM  
LATITUDE: 36.52338100 LONGITUDE:-102.593612300  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 4178.0  
TOTAL DEPTH OF WELL (FT): 678.0  
PERIOD OF RECORD: 1967 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 47.30  
MAXIMUM DEPTH TO WATER (FT): 67.87  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 20.57  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 14.22  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.65  
CHANGE IN WATER LEVEL SINCE 1967 (FT): 9.95  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 56.95
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SW 34 01N 05ECM
LATITUDE: 36.501692700 LONGITUDE: -102.509518400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4095.0
TOTAL DEPTH OF WELL (FT): 250.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 77.29
MAXIMUM DEPTH TO WATER (FT): 98.72

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -8.32
CHANGE IN WATER LEVEL SINCE 1967 (FT): -6.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 83.74

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 05 01N 06ECM
LATITUDE: 36.587880400 LONGITUDE: -102.441892700
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 4079.8
TOTAL DEPTH OF WELL (FT): 127.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 99.29
MAXIMUM DEPTH TO WATER (FT): 106.30

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.92
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.68
CHANGE IN WATER LEVEL SINCE 1967 (FT): 101.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 101.82
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 26 01N 06ECM
LATITUDE: 36.516871400 LONGITUDE:-102.389508800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  3983.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1905 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  101.22
MAXIMUM DEPTH TO WATER (FT):  109.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.12
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.02
CHANGE IN WATER LEVEL SINCE 1905 (FT):  -0.12

MEAN WATER LEVEL FOR PERIOD OF RECORD:  103.19

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NW 28 01N 07ECM
LATITUDE: 36.527707400 LONGITUDE:-102.311896500
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):  3929.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  185.80
MAXIMUM DEPTH TO WATER (FT):  194.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  0.73
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.49
CHANGE IN WATER LEVEL SINCE 1968 (FT):  0.11

MEAN WATER LEVEL FOR PERIOD OF RECORD:  191.57

119
AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW SE SE 04 01N 08BCM
LATITUDE: 36.577544200  LONGITUDE: -102.198410500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3871.0
TOTAL DEPTH OF WELL (FT): 465.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 304.90
MAXIMUM DEPTH TO WATER (FT): 333.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.72
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.72
CHANGE IN WATER LEVEL SINCE 1967 (FT): -24.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 317.67

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 12 01N 08BCM
LATITUDE: 36.573644300  LONGITUDE: -102.140295100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3812.0
TOTAL DEPTH OF WELL (FT): 378.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 320.70
MAXIMUM DEPTH TO WATER (FT): 335.05

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -13.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 326.15
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW SW SW 10 01N 09ECM

**LATITUDE:** 36.56783900  **LONGITUDE:** -102.086036900

**WELL USE:** OBSERVATION WELL

**ELEVATION OF LAND SURFACE (FT):** 3741.0

**TOTAL DEPTH OF WELL (FT):** 423.0

**PERIOD OF RECORD:** 1971 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 256.67

**MAXIMUM DEPTH TO WATER (FT):** 302.86

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.60

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -3.86

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -12.66

**CHANGE IN WATER LEVEL SINCE 1971 (FT):** -43.12

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 285.02

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NW SW 11 01N 09ECM

**LATITUDE:** 36.564098400  **LONGITUDE:** -102.066239600

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 3742.0

**TOTAL DEPTH OF WELL (FT):** 415.0

**PERIOD OF RECORD:** 1969 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 273.69

**MAXIMUM DEPTH TO WATER (FT):** 332.25

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -4.65

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -13.85

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -18.95

**CHANGE IN WATER LEVEL SINCE 1969 (FT):** -58.56

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 304.82
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SE 29 01N 09E CM
LATITUDE: 36.518499100 LONGITUDE: -102.11310900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3781.0
TOTAL DEPTH OF WELL (FT): 420.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 271.19
MAXIMUM DEPTH TO WATER (FT): 312.07

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -10.77
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CHANGE IN WATER LEVEL SINCE 1967 (FT): -40.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 292.61

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SW 27 02N 01E CM
LATITUDE: 36.608741000 LONGITUDE: -102.941059900
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 4689.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 96.00
MAXIMUM DEPTH TO WATER (FT): 100.43

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.00
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CHANGE IN WATER LEVEL SINCE 1967 (FT): -2.43

MEAN WATER LEVEL FOR PERIOD OF RECORD: 97.31

122
AQUIFER: DAKOTA FORMATION
LEGAL DESCRIPTION: SE SW NE 01 02N 02ECM
LATITUDE: 36.669809300 LONGITUDE:-102.791344800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4525.0
TOTAL DEPTH OF WELL (FT): 243.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 141.87
MAXIMUM DEPTH TO WATER (FT): 149.69

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.49
CHANGE IN WATER LEVEL SINCE 1967 (FT): 5.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 145.85

---

AQUIFER: DAKOTA FORMATION
LEGAL DESCRIPTION: SE NE NW 25 02N 02ECM
LATITUDE: 36.617675400 LONGITUDE:-102.793830200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4482.0
TOTAL DEPTH OF WELL (FT): 249.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 99.90
MAXIMUM DEPTH TO WATER (FT): 125.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.71
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -7.40
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -11.33
CHANGE IN WATER LEVEL SINCE 1967 (FT): -17.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 108.66

123
CIMARRON COUNTY (CONTINUED)

AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: NW SW NW 02 02N 03ECM
LATITUDE: 36.670828400 LONGITUDE: -102.715343400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4386.0
TOTAL DEPTH OF WELL (FT): 468.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 157.50
MAXIMUM DEPTH TO WATER (FT): 240.81

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -28.32
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -68.34
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1992 (FT): -83.31

MEAN WATER LEVEL FOR PERIOD OF RECORD: 184.15

AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: SE NE NE 17 02N 04ECM
LATITUDE: 36.643371000 LONGITUDE: -102.643288000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4280.0
TOTAL DEPTH OF WELL (FT): 404.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 129.26
MAXIMUM DEPTH TO WATER (FT): 135.17

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1998 (FT): -5.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 132.35
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW SE 36 02N 04E CM
LATITUDE: 36.595336900 LONGITUDE:-102.576481800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4205.0
TOTAL DEPTH OF WELL (FT): 412.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 136.39
MAXIMUM DEPTH TO WATER (FT): 141.72

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.83
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1998 (FT): -5.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 139.33

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 01 02N 06E CM
LATITUDE: 36.669699300 LONGITUDE:-102.373482000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4033.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 183.70
MAXIMUM DEPTH TO WATER (FT): 190.65

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.91
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): -5.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 186.26
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 04 02N 06ECM
LATITUDE: 36.675339100 LONGITUDE: -102.426745600
WELL USE:IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4081.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 122.53
MAXIMUM DEPTH TO WATER (FT): 159.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.16
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.54
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.11
CHANGE IN WATER LEVEL SINCE 1967 (FT): -13.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 139.09

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SE 13 02N 07ECM
LATITUDE: 36.632214800 LONGITUDE: -102.248137600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3928.0
TOTAL DEPTH OF WELL (FT): 393.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 254.84
MAXIMUM DEPTH TO WATER (FT): 290.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.43
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -14.65
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -20.60
CHANGE IN WATER LEVEL SINCE 1967 (FT): -28.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 270.84
### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SW NW NE 26 02N 07E8C

**LATITUDE:** 36.613985400  **LONGITUDE:** -102.268478600

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 3930.0

**TOTAL DEPTH OF WELL (FT):** 375.0

**PERIOD OF RECORD:** 1967 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 222.38

**MAXIMUM DEPTH TO WATER (FT):** 272.99

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -6.82

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -7.26

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -20.12

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 232.36

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NE NW NW 17 02N 08E8C

**LATITUDE:** 36.646370900  **LONGITUDE:** -102.227016300

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 3900.0

**TOTAL DEPTH OF WELL (FT):** 407.0

**PERIOD OF RECORD:** 1967 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 255.73

**MAXIMUM DEPTH TO WATER (FT):** 292.05

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -2.25

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -6.55

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -13.80

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -36.32

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 275.88
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: NW NW NE 26 02N 08ECM  
LATITUDE: 36.617289600  LONGITUDE:-102.166171100  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 3861.0  
TOTAL DEPTH OF WELL (FT): 373.0  
PERIOD OF RECORD: 1967 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 289.84  
MAXIMUM DEPTH TO WATER (FT): 336.97  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.43  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.72  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.48  
CHANGE IN WATER LEVEL SINCE 1967 (FT): -40.68  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 317.80

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SW SW NE 02 02N 09ECM  
LATITUDE: 36.668408500  LONGITUDE:-102.057903300  
WELL USE: DOMESTIC  
ELEVATION OF LAND SURFACE (FT): 3648.0  
TOTAL DEPTH OF WELL (FT):  
PERIOD OF RECORD: 1967 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 108.18  
MAXIMUM DEPTH TO WATER (FT): 120.18  

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.38  
CHANGE IN WATER LEVEL SINCE 1967 (FT): -4.11  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 115.96
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 16 02N 09E CM
LATITUDE: 36.642849800 LONGITUDE: -102.100041500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3710.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 159.00
MAXIMUM DEPTH TO WATER (FT): 161.08

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.18
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.08
CHANGE IN WATER LEVEL SINCE 1981 (FT): -1.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 160.31

AQUIFER: DAKOTA FORMATION
LEGAL DESCRIPTION: NE SW SE 19 03N 01E CM
LATITUDE: 36.707352000 LONGITUDE: -102.990667900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4818.0
TOTAL DEPTH OF WELL (FT): 327.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 165.44
MAXIMUM DEPTH TO WATER (FT): 167.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.83
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.50
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.06
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 165.91
AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: SW SW SW 22 03N 01E CM
LATITUDE: 36.706461100 LONGITUDE:-102.948237400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4750.0
TOTAL DEPTH OF WELL (FT): 470.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 120.32
MAXIMUM DEPTH TO WATER (FT): 127.24

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.38
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.18
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1992 (FT): 0.25

MEAN WATER LEVEL FOR PERIOD OF RECORD: 121.72

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 28 03N 02ECM
LATITUDE: 36.692266700 LONGITUDE:-102.856790100
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 4602.0
TOTAL DEPTH OF WELL (FT): 149.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.18
MAXIMUM DEPTH TO WATER (FT): 38.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.48
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.32
CHANGE IN WATER LEVEL SINCE 1967 (FT): -5.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.65
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 28 03N 04ECM
LATITUDE: 36.694122500 LONGITUDE: -102.643027700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4268.0
TOTAL DEPTH OF WELL (FT): 257.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 154.96
MAXIMUM DEPTH TO WATER (FT): 160.39

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.41
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 156.78

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE SE 05 03N 05ECM
LATITUDE: 36.754891900 LONGITUDE: -102.535904700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4200.0
TOTAL DEPTH OF WELL (FT): 287.0
PERIOD OF RECORD: 1962 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 181.52
MAXIMUM DEPTH TO WATER (FT): 257.62

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 26.42
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.71
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -8.00
CHANGE IN WATER LEVEL SINCE 1962 (FT): -49.68
MEAN WATER LEVEL FOR PERIOD OF RECORD: 218.45
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 29 03N 05E CM
LATITUDE: 36.691784300 LONGITUDE: -102.553494800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4200.0
TOTAL DEPTH OF WELL (FT): 176.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 117.60
MAXIMUM DEPTH TO WATER (FT): 122.96

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.47
CHANGE IN WATER LEVEL SINCE 1991 (FT): 119.39

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.39

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NE 01 03N 06E CM
LATITUDE: 36.759067600 LONGITUDE: -102.365082000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4031.0
TOTAL DEPTH OF WELL (FT): 152.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 89.90
MAXIMUM DEPTH TO WATER (FT): 118.75

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.96
CHANGE IN WATER LEVEL SINCE 1967 (FT): -28.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.55
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 16 03N 06ECM
LATITUDE: 36.724524600 LONGITUDE: -102.428083000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4081.0
TOTAL DEPTH OF WELL (FT): 230.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 107.14
MAXIMUM DEPTH TO WATER (FT): 142.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.78
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.05
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -6.70
CHANGE IN WATER LEVEL SINCE 1967 (FT): -21.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 124.78

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NW 32 03N 07ECM
LATITUDE: 36.69289500 LONGITUDE: -102.330164100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3964.0
TOTAL DEPTH OF WELL (FT): 179.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 134.51
MAXIMUM DEPTH TO WATER (FT): 143.57

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.52
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.80
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.20
CHANGE IN WATER LEVEL SINCE 1967 (FT): -5.03

MEAN WATER LEVEL FOR PERIOD OF RECORD: 139.00
CIMARRON COUNTY (CONTINUED)

**AQUIFER: Dockum Group**
LEGAL DESCRIPTION: NW NW NE 13 03N 09ECM
LATITUDE: 36.731897800 LONGITUDE: -102.039653400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3693.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 175.98
MAXIMUM DEPTH TO WATER (FT): 197.66

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.70
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.10
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.37
CHANGE IN WATER LEVEL SINCE 1967 (FT): 2.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 188.60

**AQUIFER: Dakota Formation**
LEGAL DESCRIPTION: SE SE SE 11 04N 03ECM
LATITUDE: 36.821083300 LONGITUDE: -102.698641800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4262.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 99.10
MAXIMUM DEPTH TO WATER (FT): 122.27

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.15
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.51
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.09
CHANGE IN WATER LEVEL SINCE 1981 (FT): 19.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 106.20
AQUIFER: JURASSIC SYSTEM
LEGAL DESCRIPTION: NW 26 04N 04E CM
LATITUDE: 36.787103400 LONGITUDE: -102.606506000
WELL USE: WATER LOCATION
ELEVATION OF LAND SURFACE (FT): 4286.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 201.79
MAXIMUM DEPTH TO WATER (FT): 218.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.54
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.93
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.25
CHANGE IN WATER LEVEL SINCE 1967 (FT): 209.67

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 15 04N 05E CM
LATITUDE: 36.819954000 LONGITUDE: -102.517096500
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 4208.0
TOTAL DEPTH OF WELL (FT): 219.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 112.00
MAXIMUM DEPTH TO WATER (FT): 129.56

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.46
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.09
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -16.76
CHANGE IN WATER LEVEL SINCE 1968 (FT): -5.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 122.58
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NE 32 04N 05E CM
LATITUDE: 36.776256200 LONGITUDE: -102.537985300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4207.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 176.33
MAXIMUM DEPTH TO WATER (FT): 209.57

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.14
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -7.35
CHANGE IN WATER LEVEL SINCE 1967 (FT): -32.94

MEAN WATER LEVEL FOR PERIOD OF RECORD: 196.20

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NE 36 04N 05E CM
LATITUDE: 36.771952600 LONGITUDE: -102.472424700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4136.0
TOTAL DEPTH OF WELL (FT): 285.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 157.05
MAXIMUM DEPTH TO WATER (FT): 220.92

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.65
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -29.17
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -11.57
CHANGE IN WATER LEVEL SINCE 1967 (FT): -63.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 193.58
CIMARRON COUNTY (CONTINUED)

AQUIFER: Ogalala Formation
LEGAL DESCRIPTION: NW NW SW 22 04N 06RKM
LATITUDE: 36.799439100 LONGITUDE: -102.410019200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4075.0
TOTAL DEPTH OF WELL (FT): 283.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 144.26
MAXIMUM DEPTH TO WATER (FT): 199.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.65
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.85
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.75
CHANGE IN WATER LEVEL SINCE 1967 (FT): -38.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 178.19

AQUIFER: Ogalala Formation
LEGAL DESCRIPTION: SW NW NW 25 04N 06RKM
LATITUDE: 36.788456100 LONGITUDE: -102.374037200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4038.0
TOTAL DEPTH OF WELL (FT): 198.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 112.00
MAXIMUM DEPTH TO WATER (FT): 149.77

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.81
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.06
CHANGE IN WATER LEVEL SINCE 1967 (FT): -25.98

MEAN WATER LEVEL FOR PERIOD OF RECORD: 132.59
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NE 14 04N 07EWM
LATITUDE: 36.813159704  LONGITUDE:-102.274414169
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3967.0
TOTAL DEPTH OF WELL (FT): 245.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 158.68
MAXIMUM DEPTH TO WATER (FT): 158.68

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 158.68

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 18 04N 07EWM
LATITUDE: 36.813310700  LONGITUDE:-102.355730300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4042.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 154.23
MAXIMUM DEPTH TO WATER (FT): 183.56

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.36
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.12
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -6.72
CHANGE IN WATER LEVEL SINCE 1967 (FT): -25.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 172.25
CIMARRON COUNTY (CONTINUED)

AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: SW NW SW 35 05N 07ECM
LATITUDE: 36.853387500 LONGITUDE:-102.280665700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3984.0
TOTAL DEPTH OF WELL (FT): 460.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 211.60
MAXIMUM DEPTH TO WATER (FT): 217.04

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.24
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -2.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 214.77

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SW 03 05N 08ECM
LATITUDE: 36.926424683 LONGITUDE:-102.186585092
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3908.0
TOTAL DEPTH OF WELL (FT): 365.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 273.19
MAXIMUM DEPTH TO WATER (FT): 273.19

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 273.19
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 32 05N 08ECM
LATITUDE: 36.856327500  LONGITUDE: -102.226545800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3929.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 187.40
MAXIMUM DEPTH TO WATER (FT): 202.95

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.65
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -6.77
CHANGE IN WATER LEVEL SINCE 1991 (FT): -6.77
MEAN WATER LEVEL FOR PERIOD OF RECORD: 197.48

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SW 02 05N 09ECM
LATITUDE: 36.925160200  LONGITUDE: -102.059513800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3770.0
TOTAL DEPTH OF WELL (FT): 370.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 246.90
MAXIMUM DEPTH TO WATER (FT): 249.30

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.39
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.70
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.20
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.20
MEAN WATER LEVEL FOR PERIOD OF RECORD: 248.36
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 12 05N 09ECM
LATITUDE: 36.918841700 LONGITUDE:-102.030296900
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3730.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 199.11
MAXIMUM DEPTH TO WATER (FT): 209.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.19
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.36
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.14
CHANGE IN WATER LEVEL SINCE 1991 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 203.99

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: SW NW SW 36 05N 09ECM
LATITUDE: 36.852926300 LONGITUDE:-102.045949400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3736.0
TOTAL DEPTH OF WELL (FT): 316.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 197.99
MAXIMUM DEPTH TO WATER (FT): 216.55

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.05
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.35
CHANGE IN WATER LEVEL SINCE 1967 (FT): 0.35
MEAN WATER LEVEL FOR PERIOD OF RECORD: 202.69
AQUIFER: OGAALLA FORMATION
LEGAL DESCRIPTION: NE SW NW 28 06N 09E CM
LATITUDE: 36.961778900 LONGITUDE: -102.096228500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3700.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 142.76
MAXIMUM DEPTH TO WATER (FT): 168.95

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.95
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -12.85
CHANGE IN WATER LEVEL SINCE 1981 (FT): -26.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 155.95
AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NE SW 24 07N 016W
LATITUDE: 35.064366800  LONGITUDE: -97.153491200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  1185.0
TOTAL DEPTH OF WELL (FT):  220.0
PERIOD OF RECORD: 1993 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  67.09
MAXIMUM DEPTH TO WATER (FT):  74.05

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -0.57
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -2.81
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1993 (FT):  -6.96

MEAN WATER LEVEL FOR PERIOD OF RECORD:  71.48

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SW SW SW 15 07N 016W
LATITUDE: 35.073189800  LONGITUDE: -97.299771200
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):  1120.0
TOTAL DEPTH OF WELL (FT):  220.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  37.42
MAXIMUM DEPTH TO WATER (FT):  57.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -1.86
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -6.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -6.34
CHANGE IN WATER LEVEL SINCE 1983 (FT):  -7.15

MEAN WATER LEVEL FOR PERIOD OF RECORD:  45.57

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CLEVELAND COUNTY (CONTINUED)

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW SE SE 21 07N 01W1M
LATITUDE: 35.060353100  LONGITUDE: -97.302872100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  1110.0
TOTAL DEPTH OF WELL (FT): 585.0
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  41.63
MAXIMUM DEPTH TO WATER (FT):  55.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  0.60
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.82
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -6.39
CHANGE IN WATER LEVEL SINCE 1984 (FT): -10.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.43

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: SE NW SW 02 07N 02W1M
LATITUDE: 35.107800100  LONGITUDE: -97.388071700
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):  1090.0
TOTAL DEPTH OF WELL (FT):  84.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  34.30
MAXIMUM DEPTH TO WATER (FT):  42.90

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1983 (FT): 

MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.16
### AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION

**LEGAL DESCRIPTION:** SW NW SW 14 09N 03W1M  
**LATITUDE:** 35.252249500  **LONGITUDE:** -97.492334100  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 1180.0  
**TOTAL DEPTH OF WELL (FT):** 6.0  
**PERIOD OF RECORD:** 1984 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 277.25  
**MAXIMUM DEPTH TO WATER (FT):** 305.78

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 15.35  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 8.71  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 7.65  
**CHANGE IN WATER LEVEL SINCE 1984 (FT):** 28.53

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 291.07

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### AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION

**LEGAL DESCRIPTION:** NW NW NW 11 10N 01W1M  
**LATITUDE:** 35.361533600  **LONGITUDE:** -97.281904400  
**WELL USE:** DOMESTIC  
**ELEVATION OF LAND SURFACE (FT):** 1150.0  
**TOTAL DEPTH OF WELL (FT):** 100.0  
**PERIOD OF RECORD:** 1979 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 4.72  
**MAXIMUM DEPTH TO WATER (FT):** 14.00

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.82  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -1.74  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -1.45  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 5.83

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 7.70
AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION  
LEGAL DESCRIPTION: SW SW SW 20 10N 02W
LATITUDE: 35.320276500  LONGITUDE: -97.438927100
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1195.0
TOTAL DEPTH OF WELL (FT): 210.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 125.16
MAXIMUM DEPTH TO WATER (FT): 135.09

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.68
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.01
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.51
CHANGE IN WATER LEVEL SINCE 1980 (FT): -5.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 129.15
COAL COUNTY

AQUIFER: BOGGY FORMATION
LEGAL DESCRIPTION: NE NW NW 16 02N 08E1M
LATITUDE: 34.648917061 LONGITUDE: -96.473530882
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 770.0
TOTAL DEPTH OF WELL (FT): 130.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 28.33
MAXIMUM DEPTH TO WATER (FT): 39.03

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.76
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -7.30
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1994 (FT): -10.70
MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.96

AQUIFER: BOGGY FORMATION
LEGAL DESCRIPTION: SE SE SW 27 02N 09E1M
LATITUDE: 34.608130000 LONGITUDE: -96.346731000
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 690.0
TOTAL DEPTH OF WELL (FT): 23.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.52
MAXIMUM DEPTH TO WATER (FT): 15.04

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MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.74

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COMANCHE COUNTY

AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK
LEGAL DESCRIPTION: SE NW SE 03 01S 14WIM
LATITUDE: 34.497730523 LONGITUDE: -98.649765139
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1160.0
TOTAL DEPTH OF WELL (FT): 40.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.23
MAXIMUM DEPTH TO WATER (FT): 18.62

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): -4.52

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.09

AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK
LEGAL DESCRIPTION: SW SW NW 12 01S 14WIM
LATITUDE: 34.487350504 LONGITUDE: -98.625868622
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1148.0
TOTAL DEPTH OF WELL (FT): 44.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.90
MAXIMUM DEPTH TO WATER (FT): 27.80

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.65
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.14
CHANGE IN WATER LEVEL SINCE 1981 (FT): 7.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.52
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 10 04N 09WIM
LATITUDE: 34.829362334 LONGITUDE: -98.137916773
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1290.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.00
MAXIMUM DEPTH TO WATER (FT): 25.95

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1997 (FT): -0.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.13

AQUIFER: DUNCAN SANDSTONE
LEGAL DESCRIPTION: NW NW SE 32 04N 09WIM
LATITUDE: 34.774480153 LONGITUDE: -98.167169772
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1250.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 52.15
MAXIMUM DEPTH TO WATER (FT): 101.94

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.15
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1983 (FT): 43.29

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.65
COMANCHE COUNTY (CONTINUED)

AQUIFER: DUNCAN SANDSTONE
LEGAL DESCRIPTION: NE SW NE 33 04N 09WIM
LATITUDE: 34.778375951 LONGITUDE: -98.146058011
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1290.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 99.36
MAXIMUM DEPTH TO WATER (FT): 149.48

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 6.95
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.59
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.15
CHANGE IN WATER LEVEL SINCE 1983 (FT): 39.76

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.65

AQUIFER: DUNCAN SANDSTONE
LEGAL DESCRIPTION: NW SE SW 02 04N 10WIM
LATITUDE: 34.884789604 LONGITUDE: -98.225164603
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1405.0
TOTAL DEPTH OF WELL (FT): 700.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 163.70
MAXIMUM DEPTH TO WATER (FT): 181.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.92
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.81
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -10.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 173.09
COTTON COUNTY

AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK
LEGAL DESCRIPTION: NW NW NW 21 02S 12WIM
LATITUDE: 34.376813917 LONGITUDE: -98.469933262
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1036.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.75
MAXIMUM DEPTH TO WATER (FT): 24.68

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.88
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.98
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.59
CHANGE IN WATER LEVEL SINCE 1983 (FT): -4.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.04

AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK
LEGAL DESCRIPTION: NE NE NE 28 02S 12WIM
LATITUDE: 34.360746484 LONGITUDE: -98.453481082
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1010.0
TOTAL DEPTH OF WELL (FT): 21.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.40
MAXIMUM DEPTH TO WATER (FT): 7.61

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.13
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1997 (FT): -1.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.17
CRAIG COUNTY

AQUIFER: PITKIN LIMESTONE
LEGAL DESCRIPTION: NE SW NW 30 24N 20EIM
LATITUDE: 36.538264298 LONGITUDE: -95.219440881
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 730.0
TOTAL DEPTH OF WELL (FT): 25.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.12
MAXIMUM DEPTH TO WATER (FT): 8.74

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.21
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.42
CHANGE IN WATER LEVEL SINCE 1979 (FT): 0.43

MEAN WATER LEVEL FOR PERIOD OF RECORD: 2.40

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**CREEK COUNTY**

**AQUIFER: VAMOOSA FORMATION AND ADA GROUP**
**LEGAL DESCRIPTION: SE SW SE 25 16N 08EIM**
**LATITUDE: 35.828561516 LONGITUDE: -96.411903545**

**WELL USE:** PUBLIC WATER SUPPLY
**ELEVATION OF LAND SURFACE (FT):** 790.0
**TOTAL DEPTH OF WELL (FT):** 206.0
**PERIOD OF RECORD: 1996 TO PRESENT**
**MINIMUM DEPTH TO WATER (FT):** 12.93
**MAXIMUM DEPTH TO WATER (FT):** 73.45

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -2.67

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1996 (FT):** 57.85

**MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.81**

---

**AQUIFER: VAMOOSA FORMATION AND ADA GROUP**
**LEGAL DESCRIPTION: NW NW SW 04 16N 09EIM**
**LATITUDE: 35.889874830 LONGITUDE: -96.369115355**

**WELL USE:** DOMESTIC
**ELEVATION OF LAND SURFACE (FT):** 920.0
**TOTAL DEPTH OF WELL (FT):** 200.0
**PERIOD OF RECORD: 1997 TO PRESENT**
**MINIMUM DEPTH TO WATER (FT):** 104.30
**MAXIMUM DEPTH TO WATER (FT):** 127.50

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.95

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1997 (FT):** 23.20

**MEAN WATER LEVEL FOR PERIOD OF RECORD: 110.76**
CUSTER COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NW NW 08 12N 14W1M
LATITUDE: 35.536063081 LONGITUDE: -98.707919069
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1700.0
TOTAL DEPTH OF WELL (FT): 425.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 141.78
MAXIMUM DEPTH TO WATER (FT): 141.78

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 141.78

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE NE 32 12N 14W1M
LATITUDE: 35.476789317 LONGITUDE: -98.697406751
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1760.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 120.15
MAXIMUM DEPTH TO WATER (FT): 134.02

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.93
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 13.51
CHANGE IN WATER LEVEL SINCE 1990 (FT): 13.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 127.95
Custer County (Continued)

Aquifer: Rush Springs Sandstone

Legal Description: NE SW SW 34 12N 14W

Latitude: 35.467522264 Longitude: -98.671971901

Well Use: Mining

Elevation of Land Surface (FT): 1795.0

Total Depth of Well (FT): 440.0

Period of Record: 1990 to Present

Minimum Depth to Water (FT): 141.18

Maximum Depth to Water (FT): 155.73

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Change in Water Level from 1999 to 2000 (FT): 1.65

Change in Water Level from 1995 to 2000 (FT): 7.36

Change in Water Level from 1990 to 2000 (FT): 14.09

Change in Water Level Since 1990 (FT): 14.09

Mean Water Level for Period of Record: 149.61

Aquifer: Rush Springs Sandstone

Legal Description: SW SW NW 06 12N 15W

Latitude: 35.546033546 Longitude: -98.832412449

Well Use: Mining

Elevation of Land Surface (FT): 1675.0

Total Depth of Well (FT): 340.0

Period of Record: 1990 to Present

Minimum Depth to Water (FT): 53.56

Maximum Depth to Water (FT): 59.27

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Change in Water Level from 1999 to 2000 (FT): -1.75

Change in Water Level from 1995 to 2000 (FT): 1.69

Change in Water Level from 1990 to 2000 (FT): -0.57

Change in Water Level Since 1990 (FT): -0.57

Mean Water Level for Period of Record: 57.18
AQUIFER: RUSH SPRINGS SANDSTONE  
LEGAL DESCRIPTION: SE NW NE 24 12N 16WIM  
LATITUDE: 35.505409218  LONGITUDE: -98.839605800  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 1600.0  
TOTAL DEPTH OF WELL (FT): 300.0  
PERIOD OF RECORD: 1990 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 12.74  
MAXIMUM DEPTH TO WATER (FT): 17.99  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.67  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.79  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.49  
CHANGE IN WATER LEVEL SINCE 1990 (FT): -1.49  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.79

AQUIFER: RUSH SPRINGS SANDSTONE  
LEGAL DESCRIPTION: SW SE SE 18 12N 17WIM  
LATITUDE: 35.509980181  LONGITUDE: -99.031760481  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 1550.0  
TOTAL DEPTH OF WELL (FT): 520.0  
PERIOD OF RECORD: 1990 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 50.03  
MAXIMUM DEPTH TO WATER (FT): 59.53  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.52  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.17  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.73  
CHANGE IN WATER LEVEL SINCE 1990 (FT): -0.73  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 55.62
**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** NW SE SW 07 13N 14WIM

**LATITUDE:** 35.613272735 **LONGITUDE:** -98.734942305

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1640.0

**TOTAL DEPTH OF WELL (FT):** 300.0

**PERIOD OF RECORD:** 1990 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 38.04

**MAXIMUM DEPTH TO WATER (FT):** 43.20

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.09

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.86

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 2.68

**CHANGE IN WATER LEVEL SINCE 1990 (FT):** 2.68

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 41.43

---

**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** NE SE SW 35 13N 14WIM

**LATITUDE:** 35.554697675 **LONGITUDE:** -98.659022489

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1595.0

**TOTAL DEPTH OF WELL (FT):** 285.0

**PERIOD OF RECORD:** 1990 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 57.25

**MAXIMUM DEPTH TO WATER (FT):** 64.20

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.79

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.62

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 2.50

**CHANGE IN WATER LEVEL SINCE 1990 (FT):** 2.50

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 61.13
CUSTER COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SE NE 27 13N 15WIM
LATITUDE: 35.576601946  LONGITUDE: -98.777513181
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  1790.0
TOTAL DEPTH OF WELL (FT):  360.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  139.32
MAXIMUM DEPTH TO WATER (FT):  145.85

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -0.85
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  4.23
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  5.37
CHANGE IN WATER LEVEL SINCE 1990 (FT):  5.37
MEAN WATER LEVEL FOR PERIOD OF RECORD:  143.43

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE SW 32 13N 16WIM
LATITUDE: 35.555088000  LONGITUDE: -98.928356576
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  1600.0
TOTAL DEPTH OF WELL (FT):  400.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  52.48
MAXIMUM DEPTH TO WATER (FT):  61.94

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -2.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  3.28
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  1.71
CHANGE IN WATER LEVEL SINCE 1991 (FT):  3.28
MEAN WATER LEVEL FOR PERIOD OF RECORD:  58.14
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NE SE 18 14N 14WIM
LATITUDE: 35.586129846 LONGITUDE: -98.721048289
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1660.0
TOTAL DEPTH OF WELL (FT): 148.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 13.06
MAXIMUM DEPTH TO WATER (FT): 14.95

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.14
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.58
CHANGE IN WATER LEVEL SINCE 1990 (FT): 0.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.88

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SE 20 14N 14WIM
LATITUDE: 35.670898436 LONGITUDE: -98.708577669
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1705.0
TOTAL DEPTH OF WELL (FT): 225.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 31.19
MAXIMUM DEPTH TO WATER (FT): 40.75

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.78
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.00
CHANGE IN WATER LEVEL SINCE 1990 (FT): 6.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.93
CUSTER COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE NE 34 14N 16WIM
LATITUDE: 35.652599331 LONGITUDE: -98.880664231
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1700.0
TOTAL DEPTH OF WELL (FT): 420.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.58
MAXIMUM DEPTH TO WATER (FT): 17.89

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.71
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.98
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.73
CHANGE IN WATER LEVEL SINCE 1991 (FT): 14.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.97

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NW 07 14N 18WIM
LATITUDE: 35.710957653 LONGITUDE: -99.163752886
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1705.0
TOTAL DEPTH OF WELL (FT): 186.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 26.90
MAXIMUM DEPTH TO WATER (FT): 34.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.37
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.05
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.05

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.29
**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** NE SW SE 33 15N 16WIM

**LATITUDE:** 35.728580765  **LONGITUDE:** -98.902621520  

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1740.0

**TOTAL DEPTH OF WELL (FT):** 280.0

**PERIOD OF RECORD:** 1991 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** -1.12

**MAXIMUM DEPTH TO WATER (FT):** 2.08

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.61

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.48

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** 2.17

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 0.78

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**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** NE SW NE 22 15N 17WIM

**LATITUDE:** 35.765104418  **LONGITUDE:** -98.992080369

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1875.0

**TOTAL DEPTH OF WELL (FT):** 360.0

**PERIOD OF RECORD:** 1990 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 35.99

**MAXIMUM DEPTH TO WATER (FT):** 45.85

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.87

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 3.71

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 3.52

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** 3.52

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 41.97
AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SW SE NE 06 20N 24E1M
LATITUDE: 36.242693210 LONGITUDE: -94.782382391
WELL USE: AGRICULTURE (NON-IRR)
ELEVATION OF LAND SURFACE (FT): 1140.0
TOTAL DEPTH OF WELL (FT): 456.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 214.80
MAXIMUM DEPTH TO WATER (FT): 379.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 163.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1997 (FT): 165.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 334.55

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SE SW NE 27 23N 24E1M
LATITUDE: 36.445513905 LONGITUDE: -94.721918865
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1096.0
TOTAL DEPTH OF WELL (FT): 59.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 42.71
MAXIMUM DEPTH TO WATER (FT): 46.48

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.73
DEWY COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NW NE 02 16N 14WIM
LATITUDE: 35.898223857 LONGITUDE: -98.654566953
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1890.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 89.90
MAXIMUM DEPTH TO WATER (FT): 109.72

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 16.96
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 19.82
CHANGE IN WATER LEVEL SINCE 1989 (FT): 19.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 102.66

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NW 21 16N 17WIM
LATITUDE: 35.853370989 LONGITUDE: -99.019564201
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1895.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 29.08
MAXIMUM DEPTH TO WATER (FT): 36.28

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.04
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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.14
CHANGE IN WATER LEVEL SINCE 1990 (FT): -0.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 33.81
DEWEY COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW SE 26 16N 17WIM
LATITUDE: 35.831065852 LONGITUDE: -98.975365789
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1950.0
TOTAL DEPTH OF WELL (FT): 460.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 44.20
MAXIMUM DEPTH TO WATER (FT): 54.65

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.08
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 6.15
MEAN WATER LEVEL FOR PERIOD OF RECORD: 49.77

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW SW 27 16N 18WIM
LATITUDE: 35.831818613 LONGITUDE: -99.106414831
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1890.0
TOTAL DEPTH OF WELL (FT): 405.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 33.92
MAXIMUM DEPTH TO WATER (FT): 42.20

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.63
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.58
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.40
CHANGE IN WATER LEVEL SINCE 1991 (FT): 6.40
MEAN WATER LEVEL FOR PERIOD OF RECORD: 38.71
DEWEY COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SW SW 05 17N 14W
LATITUDE: 35.971628046 LONGITUDE: -98.725350775
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1915.0
TOTAL DEPTH OF WELL (FT): 350.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 74.18
MAXIMUM DEPTH TO WATER (FT): 106.36

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.62
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.72
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 12.69
CHANGE IN WATER LEVEL SINCE 1976 (FT): 31.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 92.24

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 22 17N 14W
LATITUDE: 35.930715129 LONGITUDE: -98.686729535
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1890.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 72.50
MAXIMUM DEPTH TO WATER (FT): 90.25

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 13.43
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 16.42
CHANGE IN WATER LEVEL SINCE 1989 (FT): 17.75

MEAN WATER LEVEL FOR PERIOD OF RECORD: 84.47
DEWEY COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SE 26 17N 17WIM
LATITUDE: 35.917120147 LONGITUDE: -98.978424452
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1930.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 55.85
MAXIMUM DEPTH TO WATER (FT): 66.26

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.60
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.63
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 10.41
CHANGE IN WATER LEVEL SINCE 1990 (FT): 10.41

MEAN WATER LEVEL FOR PERIOD OF RECORD: 62.05

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NW 07 18N 14WIM
LATITUDE: 36.055306000 LONGITUDE: -98.739891000
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1917.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 37.65
MAXIMUM DEPTH TO WATER (FT): 57.48

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.64
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.39
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 9.76
CHANGE IN WATER LEVEL SINCE 1979 (FT): 17.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 50.13
DEWEY COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SW NW 09 18N 15WIM
LATITUDE: 36.052049380 LONGITUDE: -98.811348759
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1899.0
TOTAL DEPTH OF WELL (FT): 360.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 35.68
MAXIMUM DEPTH TO WATER (FT): 45.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 9.02
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 9.02
CHANGE IN WATER LEVEL SINCE 1989 (FT): 9.02
MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.54

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE NE 27 19N 14WIM
LATITUDE: 36.095895575 LONGITUDE: -98.674241884
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1710.0
TOTAL DEPTH OF WELL (FT): 190.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.92
MAXIMUM DEPTH TO WATER (FT): 27.38

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.26
CHANGE IN WATER LEVEL SINCE 1979 (FT): 9.19
MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.91
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SE NW 35 19N 14WIM
LATITUDE: 36.081481695 LONGITUDE: -98.666193722
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1775.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 54.08
MAXIMUM DEPTH TO WATER (FT): 71.10

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1979 (FT): 16.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 65.47

AQUIFER: OGA ALLA FORMATION
LEGAL DESCRIPTION: SE NW SE 09 19N 20WIM
LATITUDE: 36.133895314 LONGITUDE: -99.333895314
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2230.0
TOTAL DEPTH OF WELL (FT): 430.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 51.12
MAXIMUM DEPTH TO WATER (FT): 61.70

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.16
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT): 9.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 57.54
AQUIFER: RUSH SPRINGS SANDSTONE  
LEGAL DESCRIPTION: NE SW SW 32 20N 17WIM  
LATITUDE: 36.160205254  LONGITUDE: -99.042948839  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 1800.0  
TOTAL DEPTH OF WELL (FT): 160.0  
PERIOD OF RECORD: 1989 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 24.68  
MAXIMUM DEPTH TO WATER (FT): 35.06  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.62  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 9.80  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.80  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.00
ELLIS COUNTY

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NE NE SW 23 18N 25WIM
LATITUDE: 36.020434492 LONGITUDE: -99.838381559
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2110.0
TOTAL DEPTH OF WELL (FT): 91.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.14
MAXIMUM DEPTH TO WATER (FT): 10.33

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.66
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.61
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.26
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.29

AQUIFER: WHITEHORSE GROUP
LEGAL DESCRIPTION: NE NE NW 24 18N 25WIM
LATITUDE: 36.027588666 LONGITUDE: -99.820369089
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2300.0
TOTAL DEPTH OF WELL (FT):      
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.64
MAXIMUM DEPTH TO WATER (FT): 25.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.26
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.91
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.76
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.36

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.68
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NE 04 19N 23WIM
LATITUDE: 36.154398872 LONGITUDE: -99.654019543
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2480.0
TOTAL DEPTH OF WELL (FT): 350.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 162.40
MAXIMUM DEPTH TO WATER (FT): 181.69

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CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 170.72

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SE 08 19N 23WIM
LATITUDE: 36.130416045 LONGITUDE: -99.668160683
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2470.0
TOTAL DEPTH OF WELL (FT): 372.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 166.72
MAXIMUM DEPTH TO WATER (FT): 177.64

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 173.42

171
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALALA FORMATION
LEGAL DESCRIPTION: NE SW SW 09 19N 24WIM
LATITUDE: 36.133700947 LONGITUDE: -99.772645428
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 2455.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 136.40
MAXIMUM DEPTH TO WATER (FT): 148.96

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.14
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 14.56
CHANGE IN WATER LEVEL SINCE 1980 (FT): 64.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 143.94

AQUIFER: OGALLALALA FORMATION
LEGAL DESCRIPTION: SW SW SW 19 19N 24WIM
LATITUDE: 36.100978889 LONGITUDE: -99.808013894
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2340.0
TOTAL DEPTH OF WELL (FT): 174.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 76.94
MAXIMUM DEPTH TO WATER (FT): 84.28

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.21
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.74
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 81.08
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 23 19N 24WIM
LATITUDE: 36.103531792 LONGITUDE: -99.725919696
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2457.0
TOTAL DEPTH OF WELL (FT): 325.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 139.63
MAXIMUM DEPTH TO WATER (FT): 150.42

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 145.82

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NE 12 19N 25WIM
LATITUDE: 36.141373000 LONGITUDE: -99.811383000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2422.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 102.81
MAXIMUM DEPTH TO WATER (FT): 113.63

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.59
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 8.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.49
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.85
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 23 19N 25WIM
LATITUDE: 36.105150516 LONGITUDE: -99.834470959
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2300.0
TOTAL DEPTH OF WELL (FT): 125.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.44
MAXIMUM DEPTH TO WATER (FT): 23.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.36
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.56
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.86
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.11

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NE 28 19N 25WIM
LATITUDE: 36.100171369 LONGITUDE: -99.872140349
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2360.0
TOTAL DEPTH OF WELL (FT): 145.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 59.30
MAXIMUM DEPTH TO WATER (FT): 86.20

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.80
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.95
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.22

MEAN WATER LEVEL FOR PERIOD OF RECORD: 66.66

174
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 04 19N 26WIM
LATITUDE: 36.147816567  LONGITUDE: -99.976121190
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2540.0
TOTAL DEPTH OF WELL (FT): 290.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 166.16
MAXIMUM DEPTH TO WATER (FT): 178.65

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.65
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.80
CHANGE IN WATER LEVEL SINCE 1981 (FT): -1.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 173.07

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NE 12 19N 26WIM
LATITUDE: 36.139556662  LONGITUDE: -99.92196148
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2500.0
TOTAL DEPTH OF WELL (FT): 520.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 157.97
MAXIMUM DEPTH TO WATER (FT): 173.20

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.89
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.18
CHANGE IN WATER LEVEL SINCE 1980 (FT): 9.03

MEAN WATER LEVEL FOR PERIOD OF RECORD: 165.01
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 28 19N 26WIM
LATITUDE: 36.089115154 LONGITUDE: -99.975109431
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2480.0
TOTAL DEPTH OF WELL (FT): 460.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 160.47
MAXIMUM DEPTH TO WATER (FT): 170.81

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.13
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 8.05
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1980 (FT): 8.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 167.50

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW NW 19 20N 23WIM
LATITUDE: 36.196052923 LONGITUDE: -99.699127322
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2350.0
TOTAL DEPTH OF WELL (FT): 
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 44.60
MAXIMUM DEPTH TO WATER (FT): 58.77

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
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CHANGE IN WATER LEVEL SINCE 1980 (FT): 

MEAN WATER LEVEL FOR PERIOD OF RECORD: 53.08

176
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NW SW 23 20N 23WIM

**LATITUDE:** 36.19175835  **LONGITUDE:** -99.628735596

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 2460.0

**TOTAL DEPTH OF WELL (FT):**

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 166.45

**MAXIMUM DEPTH TO WATER (FT):** 179.33

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 1.12

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 3.75

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 11.75

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 172.76

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW SE SE 03 20N 24WIM

**LATITUDE:** 36.235464730  **LONGITUDE:** -99.744236127

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 2257.0

**TOTAL DEPTH OF WELL (FT):** 180.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 1.57

**MAXIMUM DEPTH TO WATER (FT):** 10.50

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1980 (FT):**

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.67
**ELLIS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW NE 07 20N 24WIM

**LATITUDE:** 36.227452363 **LONGITUDE:** -99.798419363

**WELL USE:** DOMESTIC

**ELEVATION OF LAND SURFACE (FT):** 2300.0

**TOTAL DEPTH OF WELL (FT):** 245.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 33.28

**MAXIMUM DEPTH TO WATER (FT):** 46.25

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.78

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 5.10

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 5.82

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 9.17

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 40.00

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW SE NE 35 20N 24WIM

**LATITUDE:** 36.166372683 **LONGITUDE:** -99.724073374

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2478.0

**TOTAL DEPTH OF WELL (FT):** 283.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 108.63

**MAXIMUM DEPTH TO WATER (FT):** 131.50

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1980 (FT):**

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 116.44
### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SW NW NW 23 20N 25WIM  
**LATITUDE:** 36.200103228  **LONGITUDE:** -99.844419414  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 2390.0  
**TOTAL DEPTH OF WELL (FT):**  
**PERIOD OF RECORD:** 1981 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 94.65  
**MAXIMUM DEPTH TO WATER (FT):** 113.68

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.96  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 11.06  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 10.66  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 18.26

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 105.82

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SW SW SE 15 20N 26WIM  
**LATITUDE:** 36.202421556  **LONGITUDE:** -99.959887243  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 2470.0  
**TOTAL DEPTH OF WELL (FT):** 380.0  
**PERIOD OF RECORD:** 1981 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 167.00  
**MAXIMUM DEPTH TO WATER (FT):** 180.76

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.21  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -2.59  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -1.39  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 6.17

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 173.69
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NW 08 21N 23W1M
LATITUDE: 36.313817600 LONGITUDE: -99.689031900
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2208.0
TOTAL DEPTH OF WELL (FT): 193.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 47.87
MAXIMUM DEPTH TO WATER (FT): 55.47

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.83
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.41
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 52.10

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE SE 25 21N 23W1M
LATITUDE: 36.263181081 LONGITUDE: -99.607896419
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2295.0
TOTAL DEPTH OF WELL (FT): 212.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 41.69
MAXIMUM DEPTH TO WATER (FT): 52.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.76
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.60
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.05
CHANGE IN WATER LEVEL SINCE 1980 (FT): 8.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 46.62
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 30 21N 23W
LATITUDE: 36.273674064 LONGITUDE: -99.711184521
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2250.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 47.82
MAXIMUM DEPTH TO WATER (FT): 54.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.94
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.04
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.61
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.06
MEAN WATER LEVEL FOR PERIOD OF RECORD: 51.01

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SE 01 21N 24W
LATITUDE: 36.322484300 LONGITUDE: -99.718483700
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2150.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 29.37
MAXIMUM DEPTH TO WATER (FT): 32.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.80
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.81
MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.96
**ELLIS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW SW SW 11 21N 24WIM

**LATITUDE:** 36.304686000 **LONGITUDE:** -99.746439200

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2180.0

**TOTAL DEPTH OF WELL (FT):**

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 34.23

**MAXIMUM DEPTH TO WATER (FT):** 40.57

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.02

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 3.73

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 1.59

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 4.08

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 37.03

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW NW SW 24 21N 24WIM

**LATITUDE:** 36.279515488 **LONGITUDE:** -99.729533606

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 2225.0

**TOTAL DEPTH OF WELL (FT):** 200.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 33.67

**MAXIMUM DEPTH TO WATER (FT):** 37.96

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.23

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.62

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 0.41

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 3.69

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 36.13
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 24 21N 25WIM
LATITUDE: 36.276249900 LONGITUDE: -99.837197800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2220.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 28.80
MAXIMUM DEPTH TO WATER (FT): 44.25

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 7.50
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.02
CHANGE IN WATER LEVEL SINCE 1980 (FT): 12.67
MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.90

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 32 21N 25WIM
LATITUDE: 36.250102800 LONGITUDE: -99.90555800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2310.0
TOTAL DEPTH OF WELL (FT): 200.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 60.44
MAXIMUM DEPTH TO WATER (FT): 73.41

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 6.86
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 10.36
MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.81

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ELLIS COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: SE NW SE 24 21N 26WIM
LATITUDE: 36.279764000 LONGITUDE: -99.933340000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2220.0
TOTAL DEPTH OF WELL (FT): 50.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.85
MAXIMUM DEPTH TO WATER (FT): 18.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.47

AQUIFER: OGGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 03 22N 23WIM
LATITUDE: 36.414176700 LONGITUDE: -99.642555700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2080.0
TOTAL DEPTH OF WELL (FT): 115.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.88
MAXIMUM DEPTH TO WATER (FT): 15.14

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.72
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.52
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.56
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.89
## Ells County (Continued)

**Aquifer: Ogallala Formation**

**Legal Description:** SW NE SE 19 22N 23WIM

**Latitude:** 36.366973821  **Longitude:** -99.698846926

**Well Use:** Irrigation

**Elevation of Land Surface (FT):** 2111.0

**Total Depth of Well (FT):** 175.0

**Period of Record:** 1980 to Present

**Minimum Depth to Water (FT):** 18.80

**Maximum Depth to Water (FT):** 23.03

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**Change in Water Level from 1999 to 2000 (FT):** -0.76

**Change in Water Level from 1995 to 2000 (FT):** 2.34

**Change in Water Level from 1990 to 2000 (FT):** 0.59

**Change in Water Level since 1980 (FT):** 2.93

**Mean Water Level for Period of Record:** 20.81

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## Aquifer: Ogallala Formation

**Legal Description:** SW SW SE 26 22N 23WIM

**Latitude:** 36.348605500  **Longitude:** -99.631692800

**Well Use:** Irrigation

**Elevation of Land Surface (FT):** 2160.0

**Total Depth of Well (FT):**

**Period of Record:** 1980 to Present

**Minimum Depth to Water (FT):** 36.95

**Maximum Depth to Water (FT):** 50.22

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**Change in Water Level from 1999 to 2000 (FT):** 2.05

**Change in Water Level from 1995 to 2000 (FT):** 7.21

**Change in Water Level from 1990 to 2000 (FT):** 3.60

**Change in Water Level since 1980 (FT):** 11.96

**Mean Water Level for Period of Record:** 44.55
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 11 22N 24WIM
LATITUDE: 36.395320900 LONGITUDE: -99.744796100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2320.0
TOTAL DEPTH OF WELL (FT): 295.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 96.40
MAXIMUM DEPTH TO WATER (FT): 114.39

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.09
CHANGE IN WATER LEVEL SINCE 1980 (FT): 16.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 100.79

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 32 22N 24WIM
LATITUDE: 36.347556500 LONGITUDE: -99.797944400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2235.0
TOTAL DEPTH OF WELL (FT): 403.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 70.12
MAXIMUM DEPTH TO WATER (FT): 76.30

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.68
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.28
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.78
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.40
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NE 24 22N 25WIM
LATITUDE: 36.376995100 LONGITUDE: -99.827503100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2256.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 66.18
MAXIMUM DEPTH TO WATER (FT): 72.09

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.72
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.22
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.90
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.56

MEAN WATER LEVEL FOR PERIOD OF RECORD: 70.38

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NE 33 22N 25WIM
LATITUDE: 36.347011300 LONGITUDE: -99.880128400
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2380.0
TOTAL DEPTH OF WELL (FT): 500.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 213.30
MAXIMUM DEPTH TO WATER (FT): 220.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.70
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.80
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.83
CHANGE IN WATER LEVEL SINCE 1981 (FT): 2.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 216.56
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 09 22N 26WIM
LATITUDE: 36.402119000 LONGITUDE: -99.99960000
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2400.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 53.07
MAXIMUM DEPTH TO WATER (FT): 56.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.24
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.36
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.79
CHANGE IN WATER LEVEL SINCE 1980 (FT): -1.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.60

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SW 21 22N 26WIM
LATITUDE: 36.362483700 LONGITUDE: -99.997039600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2345.0
TOTAL DEPTH OF WELL (FT): 383.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 58.32
MAXIMUM DEPTH TO WATER (FT): 66.05

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.49
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.93
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 60.93
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 08 23 N 23 WIM
LATITUDE: 36.480061800 LONGITUDE: -99.618046400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2230.0
TOTAL DEPTH OF WELL (FT): 207.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 56.48
MAXIMUM DEPTH TO WATER (FT): 62.42

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.72
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.92
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.58
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.23
MEAN WATER LEVEL FOR PERIOD OF RECORD: 59.88

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 22 23 N 23 WIM
LATITUDE: 36.462750600 LONGITUDE: -99.656979600
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2210.0
TOTAL DEPTH OF WELL (FT): 260.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 47.29
MAXIMUM DEPTH TO WATER (FT): 60.91

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 9.70
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 11.00
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 9.85
CHANGE IN WATER LEVEL SINCE 1980 (FT): 13.18
MEAN WATER LEVEL FOR PERIOD OF RECORD: 58.45
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SW 31 23N 23W
LATITUDE: 36.423181600 LONGITUDE: -99.707055300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2175.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 48.65
MAXIMUM DEPTH TO WATER (FT): 55.19

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.14
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.26
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.17

MEAN WATER LEVEL FOR PERIOD OF RECORD: 52.00

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NW 01 23N 24W
LATITUDE: 36.505418100 LONGITUDE: -99.724418600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2230.0
TOTAL DEPTH OF WELL (FT): 342.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 131.80
MAXIMUM DEPTH TO WATER (FT): 139.42

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.75
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 135.99
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 13 23N 24WIM
LATITUDE: 36.467820200 LONGITUDE: -99.726835300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2280.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 90.27
MAXIMUM DEPTH TO WATER (FT): 98.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.88
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.11
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 95.01

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 04 23N 25WIM
LATITUDE: 36.495012400 LONGITUDE: -99.881378200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2440.0
TOTAL DEPTH OF WELL (FT): 355.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 185.63
MAXIMUM DEPTH TO WATER (FT): 189.82

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.42
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.67
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 188.36
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NE 30 23N 25WIM
LATITUDE: 36.449115600 LONGITUDE: -99.912872900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2340.0
TOTAL DEPTH OF WELL (FT): -480.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 88.75
MAXIMUM DEPTH TO WATER (FT): 94.57

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.10
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.56
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 92.40

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 24 23N 26WIM
LATITUDE: 36.460928400 LONGITUDE: -99.942108500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2450.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 137.37
MAXIMUM DEPTH TO WATER (FT): 145.91

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.68
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.21
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.76
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 143.86

192
AQUIFER: CLOUD CHIEF FORMATION
LEGAL DESCRIPTION: SW SW SW 28 24N 23WIM
LATITUDE: 36.522587900 LONGITUDE: -99.676593100
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2218.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.20
MAXIMUM DEPTH TO WATER (FT): 32.30

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.15
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.50
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.52
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.09
MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.27

AQUIFER: CLOUD CHIEF FORMATION
LEGAL DESCRIPTION: NE SW NE 29 24N 24WIM
LATITUDE: 36.532394000 LONGITUDE: -99.790164000
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2240.0
TOTAL DEPTH OF WELL (FT): 185.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 43.35
MAXIMUM DEPTH TO WATER (FT): 46.18

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.25
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.15
CHANGE IN WATER LEVEL SINCE 1981 (FT): 2.47
MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.92

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ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 03 24N 25WIM
LATITUDE: 36.580491100 LONGITUDE: -99.872430100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2205.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.62
MAXIMUM DEPTH TO WATER (FT): 12.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.08
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.38
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.53

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SW 18 24N 25WIM
LATITUDE: 36.554631400 LONGITUDE: -99.923848000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2230.0
TOTAL DEPTH OF WELL (FT): 183.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.60
MAXIMUM DEPTH TO WATER (FT): 21.16

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.75
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.00
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1981 (FT): 3.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.34
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 27 24N 25WIM
LATITUDE: 36.527164200 LONGITUDE: -99.863278500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2400.0
TOTAL DEPTH OF WELL (FT): 260.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 165.35
MAXIMUM DEPTH TO WATER (FT): 169.93

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.85
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.63
CHANGE IN WATER LEVEL SINCE 1981 (FT): 4.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 168.24

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 04 24N 26WIM
LATITUDE: 36.583651300 LONGITUDE: -99.999231100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2400.0
TOTAL DEPTH OF WELL (FT): 185.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 104.99
MAXIMUM DEPTH TO WATER (FT): 113.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.76
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.86

195
**ELLIS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NE NE 27 24N 26WIM

**LATITUDE:** 36.536794400  **LONGITUDE:** -99.967778600

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2355.0

**TOTAL DEPTH OF WELL (FT):** 190.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 68.75

**MAXIMUM DEPTH TO WATER (FT):** 77.29

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 2.35

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 4.25

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 3.86

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 5.43

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 74.20

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW NW 33 24N 26WIM

**LATITUDE:** 36.521107000  **LONGITUDE:** -99.998240800

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 2440.0

**TOTAL DEPTH OF WELL (FT):** 240.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 110.87

**MAXIMUM DEPTH TO WATER (FT):** 117.85

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 1.23

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.73

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 3.03

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 5.11

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 114.76
GARFIELD COUNTY

AQUIFER: BISON SHALE
LEGAL DESCRIPTION: SW SW SW 04 21N 07W
LATITUDE: 36.31957000 LONGITUDE: -97.960443000
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1238.0
TOTAL DEPTH OF WELL (FT): 165.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.02
MAXIMUM DEPTH TO WATER (FT): 20.83

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.52
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.83
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.86
CHANGE IN WATER LEVEL SINCE 1977 (FT): 4.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.58

AQUIFER: CEDAR HILLS SANDSTONE
LEGAL DESCRIPTION: SE SW SE 18 21N 08W
LATITUDE: 36.290269000 LONGITUDE: -98.092244000
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1216.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.70
MAXIMUM DEPTH TO WATER (FT): 11.17

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.29
CHANGE IN WATER LEVEL SINCE 1975 (FT): -2.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.50
AQUIFER: CEDAR HILLS SANDSTONE
LEGAL DESCRIPTION: NW NW SW 19 21N 08WIM
LATITUDE: 36.281229000 LONGITUDE: -98.103473000
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1242.0
TOTAL DEPTH OF WELL (FT): 56.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.10
MAXIMUM DEPTH TO WATER (FT): 27.22

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1975 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.39

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: SE NE NE 21 23N 07WIM
LATITUDE: 36.460663000 LONGITUDE: -97.945269000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1330.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.90
MAXIMUM DEPTH TO WATER (FT): 37.56

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.53
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 19.66
CHANGE IN WATER LEVEL SINCE 1975 (FT): 18.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.27
AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: SW NW NW 21 23N 07WIM
LATITUDE: 36.460663000 LONGITUDE: -97.960997000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1310.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.63
MAXIMUM DEPTH TO WATER (FT): 9.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.05
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.67
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.74

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.34

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NW NE NE 26 23N 07WIM
LATITUDE: 36.447980000 LONGITUDE: -97.911546000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1320.0
TOTAL DEPTH OF WELL (FT): 50.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.42
MAXIMUM DEPTH TO WATER (FT): 29.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.39
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.97
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.98
CHANGE IN WATER LEVEL SINCE 1975 (FT): 20.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.29
AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NE NW NW 26 23N 07W1M
LATITUDE: 36.447980000 LONGITUDE: -97.922777000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1340.0
TOTAL DEPTH OF WELL (FT): 56.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.33
MAXIMUM DEPTH TO WATER (FT): 39.49

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.52
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.64
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.87
CHANGE IN WATER LEVEL SINCE 1975 (FT): 28.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.70

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NE NW NW 27 23N 07W1M
LATITUDE: 36.447915000 LONGITUDE: -97.940765000
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 1342.0
TOTAL DEPTH OF WELL (FT): 66.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 26.85
MAXIMUM DEPTH TO WATER (FT): 50.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.64
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.28
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 10.29
CHANGE IN WATER LEVEL SINCE 1975 (FT): 23.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 40.54
AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NE NW NE 27 23N 07WIM
LATITUDE: 36.447915000 LONGITUDE: -97.93179000
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1342.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1950 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 26.50
MAXIMUM DEPTH TO WATER (FT): 55.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.34
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.14
CHANGE IN WATER LEVEL SINCE 1950 (FT): 27.54

MEAN WATER LEVEL FOR PERIOD OF RECORD: 47.15

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NW SW NW 27 23N 07WIM
LATITUDE: 36.444300000 LONGITUDE: -97.94301000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1340.0
TOTAL DEPTH OF WELL (FT): 60.0
PERIOD OF RECORD: 1950 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.08
MAXIMUM DEPTH TO WATER (FT): 48.63

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.22
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.29
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 11.59
CHANGE IN WATER LEVEL SINCE 1950 (FT): 24.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.87
AQUIFER: GERTY SANDSTONE
LEGAL DESCRIPTION: SE SE NE 03 04N 03EIM
LATITUDE: 34.848100000 LONGITUDE: -96.967975600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1125.0
TOTAL DEPTH OF WELL (FT): 67.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.26
MAXIMUM DEPTH TO WATER (FT): 33.03

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CHANGE IN WATER LEVEL SINCE 1975 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.01

AQUIFER: GERTY SANDSTONE
LEGAL DESCRIPTION: SW SW SW 14 04N 03EIM
LATITUDE: 34.812115200 LONGITUDE: -96.966781700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1130.0
TOTAL DEPTH OF WELL (FT): 99.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 63.49
MAXIMUM DEPTH TO WATER (FT): 72.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.21
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.80
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.21
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 68.05
**GRADY COUNTY**

**AQUIFER: RUSH SPRINGS SANDSTONE**
**LEGAL DESCRIPTION: NW NW SE 10 03N 07WIM**
LATITUDE: 34.746745000 LONGITUDE: -97.922683500
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1275.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.98
MAXIMUM DEPTH TO WATER (FT): 15.86

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.22
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.08
CHANGE IN WATER LEVEL SINCE 1979 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.69

**AQUIFER: RUSH SPRINGS SANDSTONE**
**LEGAL DESCRIPTION: SW NW SW 17 03N 07WIM**
LATITUDE: 34.730261200 LONGITUDE: -97.966712900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1345.0
TOTAL DEPTH OF WELL (FT): 165.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 31.55
MAXIMUM DEPTH TO WATER (FT): 41.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.27
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.82
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.73
CHANGE IN WATER LEVEL SINCE 1989 (FT): 4.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.46
GRADY COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW NW 28 03N 08WIM
LATITUDE: 34.705973500  LONGITUDE: -98.051702100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1310.0
TOTAL DEPTH OF WELL (FT): 670.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 82.42
MAXIMUM DEPTH TO WATER (FT): 132.37

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 5.78
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 14.31
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.99
CHANGE IN WATER LEVEL SINCE 1979 (FT): 44.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 100.62

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NW SW 20 04N 07WIM
LATITUDE: 34.862198200  LONGITUDE: -97.965337000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1340.0
TOTAL DEPTH OF WELL (FT): 197.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.80
MAXIMUM DEPTH TO WATER (FT): 17.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.04
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.97
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.79
CHANGE IN WATER LEVEL SINCE 1990 (FT): -2.79

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.86
AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NW NE NE 29 10N 06W10
LATITUDE: 35.319640100  LONGITUDE: -97.850054300
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1300.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.12
MAXIMUM DEPTH TO WATER (FT): 11.70

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.86
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.95
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -5.76
CHANGE IN WATER LEVEL SINCE 1979 (FT): -0.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.51
**GRANT COUNTY**

**AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS**

**LEGAL DESCRIPTION:** NE SE NE 31 26N 05WIM

**LATITUDE:** 36.690059000  **LONGITUDE:** -97.769415000

**WELL USE:** OBSERVATION WELL

**ELEVATION OF LAND SURFACE (FT):** 1040.0

**TOTAL DEPTH OF WELL (FT):** 51.0

**PERIOD OF RECORD:** 1975 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 1.93

**MAXIMUM DEPTH TO WATER (FT):** 18.08

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -5.44

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 5.51

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 3.39

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** -4.32

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.72

---

**AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS**

**LEGAL DESCRIPTION:** SE SE SE 24 26N 06WIM

**LATITUDE:** 36.710217000  **LONGITUDE:** -97.787064000

**WELL USE:** PUBLIC WATER SUPPLY

**ELEVATION OF LAND SURFACE (FT):** 1045.0

**TOTAL DEPTH OF WELL (FT):** 53.0

**PERIOD OF RECORD:** 1975 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 5.18

**MAXIMUM DEPTH TO WATER (FT):** 16.33

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -3.47

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 2.07

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -0.83

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** -1.15

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 10.16
AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NE NE NW 07 26N 07WIM
LATITUDE: 36.752104000 LONGITUDE: -97.989517000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1082.0
TOTAL DEPTH OF WELL (FT): 48.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.80
MAXIMUM DEPTH TO WATER (FT): 12.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.97
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.46
CHANGE IN WATER LEVEL SINCE 1975 (FT): -3.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.05

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NE NE NW 27 26N 08WIM
LATITUDE: 36.708673000 LONGITUDE: -98.047825000
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1085.0
TOTAL DEPTH OF WELL (FT): 26.0
PERIOD OF RECORD: 1907 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.05
MAXIMUM DEPTH TO WATER (FT): 22.57

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.03
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.53
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.15
CHANGE IN WATER LEVEL SINCE 1907 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.46
AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NW NE NW 18 27N 07WIM
LATITUDE: 36.824713000 LONGITUDE: -97.996293000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1120.0
TOTAL DEPTH OF WELL (FT): 67.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.85
MAXIMUM DEPTH TO WATER (FT): 16.30

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -2.88
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  2.26
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -0.98
CHANGE IN WATER LEVEL SINCE 1975 (FT):         -2.84

MEAN WATER LEVEL FOR PERIOD OF RECORD:          10.42
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NE SE 33 04N 23WIM
LATITUDE: 34.775605793 LONGITUDE: -99.618365085
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1550.0
TOTAL DEPTH OF WELL (FT): 155.0
PERIOD OF RECORD: 1952 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.95
MAXIMUM DEPTH TO WATER (FT): 51.53

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 9.90
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.81
CHANGE IN WATER LEVEL SINCE 1952 (FT): 11.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.29

AQUIFER: GRANITE WASH
LEGAL DESCRIPTION: NE NW NW 19 05N 20WIM
LATITUDE: 34.899879703 LONGITUDE: -99.356488727
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1525.0
TOTAL DEPTH OF WELL (FT): 49.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.11
MAXIMUM DEPTH TO WATER (FT): 30.22

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.35
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.25
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.50
AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER  
LEGAL DESCRIPTION: NE SE NE 08 05N 21WIM  
LATITUDE: 34.925029129  LONGITUDE: -99.432852129  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 1550.0  
TOTAL DEPTH OF WELL (FT): 52.0  
PERIOD OF RECORD: 1980 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 23.48  
MAXIMUM DEPTH TO WATER (FT): 28.18  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.85  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.29  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.29  
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.63  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.11

AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER  
LEGAL DESCRIPTION: NE NE NE 23 05N 21WIM  
LATITUDE: 34.899737268  LONGITUDE: -99.379369839  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 1532.0  
TOTAL DEPTH OF WELL (FT): 50.0  
PERIOD OF RECORD: 1980 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 23.38  
MAXIMUM DEPTH TO WATER (FT): 31.80  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.03  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.23  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.43  
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.90  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.32

210
AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER
LEGAL DESCRIPTION: NW SW SE 04 05N 22WIM
LATITUDE: 34.931590370  LONGITUDE: -99.528775928
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1551.0
TOTAL DEPTH OF WELL (FT): 24.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.90
MAXIMUM DEPTH TO WATER (FT): 12.43

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.89
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.94
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.32
CHANGE IN WATER LEVEL SINCE 1980 (FT): -0.39

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.49

AQUIFER: A & T DEPOSITS OF SALT FORK RED RIVER
LEGAL DESCRIPTION: SE SW SE 12 05N 22WIM
LATITUDE: 34.914748005  LONGITUDE: -99.471749048
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1570.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.75
MAXIMUM DEPTH TO WATER (FT): 27.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.68
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.48
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.96
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE SW NE 27 05N 23W1M
LATITUDE: 34.881754676 LONGITUDE: -99.613761412
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1721.0
TOTAL DEPTH OF WELL (FT): 109.0
PERIOD OF RECORD: 1957 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 52.68
MAXIMUM DEPTH TO WATER (FT): 73.53

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.99
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.01
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.53
CHANGE IN WATER LEVEL SINCE 1957 (FT): 17.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 62.92

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NW NE 07 06N 20W1M
LATITUDE: 35.015715328 LONGITUDE: -99.348392247
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1660.0
TOTAL DEPTH OF WELL (FT): 52.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.00
MAXIMUM DEPTH TO WATER (FT): 29.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.06
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.73
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.31
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.14
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED RIVER
LEGAL DESCRIPTION: NE NW SW 02 06N 21WIM
LATITUDE: 35.022842585 LONGITUDE: -99.392524933
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1680.0
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 21.90
MAXIMUM DEPTH TO WATER (FT): 35.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.91
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.07
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.40

AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER
LEGAL DESCRIPTION: SW SE NW 25 06N 23WIM
LATITUDE: 34.965836963 LONGITUDE: -99.585182790
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1630.0
TOTAL DEPTH OF WELL (FT): 47.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.62
MAXIMUM DEPTH TO WATER (FT): 30.83

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.91
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.07
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.64
GREER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SW 03 07N 21WIM
LATITUDE: 35.102432000 LONGITUDE: -99.406288432
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1652.0
TOTAL DEPTH OF WELL (FT): 49.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.70
MAXIMUM DEPTH TO WATER (FT): 30.33

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.79
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.30
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.98
MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.31

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW NW 06 07N 21WIM
LATITUDE: 35.109575827 LONGITUDE: -99.465676269
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1750.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.79
MAXIMUM DEPTH TO WATER (FT): 28.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -15.31
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.69
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.49
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.53
MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.00
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW SW 16 07N 21WIM
LATITUDE: 35.076222335 LONGITUDE: -99.429427007
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1709.0
TOTAL DEPTH OF WELL (FT): 71.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.07
MAXIMUM DEPTH TO WATER (FT): 22.66

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.27
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.33
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.63
CHANGE IN WATER LEVEL SINCE 1980 (FT): 16.17

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW NW NW 19 07N 21WIM
LATITUDE: 35.069533166 LONGITUDE: -99.465524313
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1740.0
TOTAL DEPTH OF WELL (FT): 67.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 18.64
MAXIMUM DEPTH TO WATER (FT): 38.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.34
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.16
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.40
CHANGE IN WATER LEVEL SINCE 1981 (FT): 13.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.88

215
GREER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 31 07N 21WIM
LATITUDE: 35.044277953 LONGITUDE: -99.449365394
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1688.0
TOTAL DEPTH OF WELL (FT): 68.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.30
MAXIMUM DEPTH TO WATER (FT): 22.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.39

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SE SE 10 07N 22WIM
LATITUDE: 35.088994323 LONGITUDE: -99.503473535
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1780.0
TOTAL DEPTH OF WELL (FT): 72.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 27.90
MAXIMUM DEPTH TO WATER (FT): 48.14

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.15
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.65

MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.20

216
### Harmon County

**AQUIFER:** Dog Creek Shale and Blaine Gypsum  
**Legal Description:** NE NE NE 14 01N 24WIM  
**Latitude:** 34.565120132  
**Longitude:** -99.684275145  
**Well Use:** Irrigation  
**Elevation of Land Surface (ft):** 1529.0  
**Total Depth of Well (ft):** 247.0  
**Period of Record:** 1997 to Present  
**Minimum Depth to Water (ft):** 84.55  
**Maximum Depth to Water (ft):** 92.66

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**Change in Water Level from 1999 to 2000 (ft):** -3.16  
**Change in Water Level from 1995 to 2000 (ft):**  
**Change in Water Level from 1990 to 2000 (ft):**  
**Change in Water Level since 1997 (ft):** -5.75  
**Mean Water Level for Period of Record:** 88.41

---

**AQUIFER:** Dog Creek Shale and Blaine Gypsum  
**Legal Description:** SW SW SE 34 01N 24WIM  
**Latitude:** 34.507358411  
**Longitude:** -99.710159963  
**Well Use:** Irrigation  
**Elevation of Land Surface (ft):** 1443.5  
**Total Depth of Well (ft):** 94.0  
**Period of Record:** 1956 to Present  
**Minimum Depth to Water (ft):** 6.20  
**Maximum Depth to Water (ft):** 57.74

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**Change in Water Level from 1999 to 2000 (ft):** -1.52  
**Change in Water Level from 1995 to 2000 (ft):** -0.72  
**Change in Water Level from 1990 to 2000 (ft):** -0.68  
**Change in Water Level since 1956 (ft):** 4.78  
**Mean Water Level for Period of Record:** 15.44

---
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NE SE 12 01N 25WIM
LATITUDE: 34.571151028 LONGITUDE: -99.774061492
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1524.0
TOTAL DEPTH OF WELL (FT): 212.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 13.64
MAXIMUM DEPTH TO WATER (FT): 52.44

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -5.70
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -9.11
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -10.50
CHANGE IN WATER LEVEL SINCE 1978 (FT): 2.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.30

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW SE SE 35 01N 25WIM
LATITUDE: 34.510411802 LONGITUDE: -99.791810210
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1485.0
TOTAL DEPTH OF WELL (FT): 72.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.55
MAXIMUM DEPTH TO WATER (FT): 21.67

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.43
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.30
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.39
CHANGE IN WATER LEVEL SINCE 1978 (FT): 1.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.99
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SE SE SE 21 02N 24WIM
LATITUDE: 34.623167944 LONGITUDE: -99.719227418
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1528.0
TOTAL DEPTH OF WELL (FT): 266.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 36.02
MAXIMUM DEPTH TO WATER (FT): 54.81

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -7.56
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): -18.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.63

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NW NE 31 02N 24WIM
LATITUDE: 34.607753512 LONGITUDE: -99.761938928
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1572.0
TOTAL DEPTH OF WELL (FT): 220.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 35.32
MAXIMUM DEPTH TO WATER (FT): 82.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -19.79
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): -41.75

MEAN WATER LEVEL FOR PERIOD OF RECORD: 55.02
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE NW 23 02N 25WIM
LATITUDE: 34.63543046  LONGITUDE: -99.797963440
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1555.0
TOTAL DEPTH OF WELL (FT): 143.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.60
MAXIMUM DEPTH TO WATER (FT): 24.62

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.70
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.35
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -13.53
CHANGE IN WATER LEVEL SINCE 1992 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.99

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SW SW NW 05 02N 26WIM
LATITUDE: 34.674714830  LONGITUDE: -99.964853790
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1641.0
TOTAL DEPTH OF WELL (FT): 149.0
PERIOD OF RECORD: 1952 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.61
MAXIMUM DEPTH TO WATER (FT): 83.53

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.41
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 8.54
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.55
CHANGE IN WATER LEVEL SINCE 1952 (FT): 1.62

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.83
### AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM

**LEGAL DESCRIPTION:** SW NW SW 31 02N 26W1M  
**LATITUDE:** 34.598976278  **LONGITUDE:** -99.980865277  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 1590.0  
**TOTAL DEPTH OF WELL (FT):** 150.0  
**PERIOD OF RECORD:** 1952 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 26.55  
**MAXIMUM DEPTH TO WATER (FT):** 44.99

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.86  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -7.50  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -2.04  
**CHANGE IN WATER LEVEL SINCE 1952 (FT):** -0.10  
**MEAN WATER LEVEL FOR PERIOD OF RECORD:** ... 32.94

### AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM

**LEGAL DESCRIPTION:** NW SW SW 01 02N 27W1M  
**LATITUDE:** 34.670225875  **LONGITUDE:** -99.999701032  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 1660.0  
**TOTAL DEPTH OF WELL (FT):** 150.0  
**PERIOD OF RECORD:** 1954 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 24.13  
**MAXIMUM DEPTH TO WATER (FT):** 91.10

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -4.17  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 15.91  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 10.76  
**CHANGE IN WATER LEVEL SINCE 1954 (FT):** 9.64  
**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 59.67
HARMON COUNTY (CONTINUED)

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE NE 29 O3N 24W1M
LATITUDE: 34.709602162 LONGITUDE: -99.738344103
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1526.6
TOTAL DEPTH OF WELL (FT): 167.0
PERIOD OF RECORD: 1954 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.45
MAXIMUM DEPTH TO WATER (FT): 84.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -7.72
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.26
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -5.01
CHANGE IN WATER LEVEL SINCE 1954 (FT): 10.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 57.85

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NW NW 32 O3N 25W1M
LATITUDE: 34.694445248 LONGITUDE: -99.857761147
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1617.0
TOTAL DEPTH OF WELL (FT): 165.0
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.18
MAXIMUM DEPTH TO WATER (FT): 78.08

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.94
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.58
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.46
CHANGE IN WATER LEVEL SINCE 1956 (FT): 11.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.78
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SW SW SW 12 03N 26WIM
LATITUDE: 34.739878453 LONGITUDE: -99.894471893
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1657.0
TOTAL DEPTH OF WELL (FT): 253.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 27.22
MAXIMUM DEPTH TO WATER (FT): 56.31

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -5.66
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1997 (FT): -24.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.57
HARPER COUNTY

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SE NW 13 25N 24W1M
LATITUDE: 36.645933650 LONGITUDE: -99.740146667
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2150.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.58
MAXIMUM DEPTH TO WATER (FT): 39.69

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.80
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.50
CHANGE IN WATER LEVEL SINCE 1979 (FT): 21.25

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.77

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SW SW 17 25N 24W1M
LATITUDE: 36.639896060 LONGITUDE: -99.817255110
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2095.0
TOTAL DEPTH OF WELL (FT): 40.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.80
MAXIMUM DEPTH TO WATER (FT): 9.57

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.12
CHANGE IN WATER LEVEL SINCE 1977 (FT): -0.38

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.79

224
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NW 09 25N 25WIM
LATITUDE: 36.665495890 LONGITUDE: -99.900723016
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2235.0
TOTAL DEPTH OF WELL (FT): 60.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.19
MAXIMUM DEPTH TO WATER (FT): 34.20

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.02
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -13.48
CHANGE IN WATER LEVEL SINCE 1977 (FT): -9.51
MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.75

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NW 32 25N 25WIM
LATITUDE: 36.601277000 LONGITUDE: -99.918856000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2324.0
TOTAL DEPTH OF WELL (FT): 182.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 67.68
MAXIMUM DEPTH TO WATER (FT): 84.92

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.67
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -12.65
CHANGE IN WATER LEVEL SINCE 1981 (FT): -6.65
MEAN WATER LEVEL FOR PERIOD OF RECORD: 74.13

225
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SE 34 25N 25WIM
LATITUDE: 36.597076117  LONGITUDE: -99.877349366
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2220.0
TOTAL DEPTH OF WELL (FT): 150.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.67
MAXIMUM DEPTH TO WATER (FT): 15.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.34
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): ...
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): ...
CHANGE IN WATER LEVEL SINCE 1989 (FT): 2.43

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.07

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NE 25 25N 26WIM
LATITUDE: 36.619156214  LONGITUDE: -99.946121734
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2281.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 29.36
MAXIMUM DEPTH TO WATER (FT): 36.03

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): ...
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.37
CHANGE IN WATER LEVEL SINCE 1977 (FT): 3.63

MEAN WATER LEVEL FOR PERIOD OF RECORD: 33.34
### Harper County (Continued)

**AQUIFER: Ogallala Formation**

**Legal Description:** SW SE SE 35 25N 26WIM

**Latitude:** 36.593991541 **Longitude:** -99.965348840

**Well Use:** Irrigation

**Elevation of Land Surface (FT):** 2342.0

**Total Depth of Well (FT):**

**Period of Record:** 1980 to Present

**Minimum Depth to Water (FT):** 51.39

**Maximum Depth to Water (FT):** 56.50

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**Change in Water Level from 1999 to 2000 (FT):**

**Change in Water Level from 1995 to 2000 (FT):**

**Change in Water Level from 1990 to 2000 (FT):** 3.06

**Change in Water Level since 1980 (FT):** 3.57

**Mean Water Level for Period of Record:** 54.97

---

**AQUIFER: A & T Deposits of the Beaver-North Canadian**

**Legal Description:** SE SE NE 35 26N 24WIM

**Latitude:** 36.688661416 **Longitude:** -99.747285368

**Well Use:** Domestic

**Elevation of Land Surface (FT):** 2180.0

**Total Depth of Well (FT):**

**Period of Record:** 1979 to Present

**Minimum Depth to Water (FT):** 5.80

**Maximum Depth to Water (FT):** 16.73

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**Change in Water Level from 1999 to 2000 (FT):** 0.63

**Change in Water Level from 1995 to 2000 (FT):**

**Change in Water Level from 1990 to 2000 (FT):** -0.67

**Change in Water Level since 1979 (FT):** 7.07

**Mean Water Level for Period of Record:** 11.19
**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**  
**LEGAL DESCRIPTION:** NW NW SE 32 26N 25WIM  
**LATITUDE:** 36.686424266 **LONGITUDE:** -99.916526758  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 2170.0  
**TOTAL DEPTH OF WELL (FT):** 35.0  
**PERIOD OF RECORD:** 1989 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 8.70  
**MAXIMUM DEPTH TO WATER (FT):** 11.70

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 1.05  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 0.16  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 10.05

---

**AQUIFER: OGALLALA FORMATION**  
**LEGAL DESCRIPTION:** SW NW SE 23 26N 26WIM  
**LATITUDE:** 36.714710430 **LONGITUDE:** -99.970279390  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 2251.0  
**TOTAL DEPTH OF WELL (FT):**  
**PERIOD OF RECORD:** 1980 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 45.38  
**MAXIMUM DEPTH TO WATER (FT):** 55.73

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 5.26  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 7.52  
**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 9.78  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 53.69
**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

**LEGAL DESCRIPTION:** NE NE NE 19 27N 25WIM

**LATITUDE:** 36.808107969  **LONGITUDE:** -99.927864240

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2132.0

**TOTAL DEPTH OF WELL (FT):** 50.0

**PERIOD OF RECORD:** 1972 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 3.74

**MAXIMUM DEPTH TO WATER (FT):** 7.90

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.06

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -0.29

**CHANGE IN WATER LEVEL SINCE 1972 (FT):** 3.61

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.29

---

**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

**LEGAL DESCRIPTION:** SE NE SE 12 27N 26WIM

**LATITUDE:** 36.831509539  **LONGITUDE:** -99.945185794

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2170.0

**TOTAL DEPTH OF WELL (FT):** 85.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 21.32

**MAXIMUM DEPTH TO WATER (FT):** 29.78

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -3.30

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -4.88

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 3.58

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 24.81
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NW NE 13 27N 26WIM
LATITUDE: 36.822667670  LONGITUDE: -99.951209585
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):  2165.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  18.15
MAXIMUM DEPTH TO WATER (FT):  26.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  2.85
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -0.59
CHANGE IN WATER LEVEL SINCE 1979 (FT):  7.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.43

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SE SW 35 27N 26WIM
LATITUDE: 36.768043248  LONGITUDE: -99.975608786
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):  2140.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  11.30
MAXIMUM DEPTH TO WATER (FT):  14.38

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  1.51
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1989 (FT): -0.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.65
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE SE 20 28N 24WIM
LATITUDE: 36.887216721 LONGITUDE: -99.802136450
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2090.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.36
MAXIMUM DEPTH TO WATER (FT): 27.24

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.49
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): -1.22

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.12

AQUIFER: MARLOW FORMATION
LEGAL DESCRIPTION: NW SE SW 23 29N 24WIM
LATITUDE: 36.976019982 LONGITUDE: -99.769827046
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1930.0
TOTAL DEPTH OF WELL (FT): 100.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.44
MAXIMUM DEPTH TO WATER (FT): 22.92

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.13
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1989 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.92
HASKELL COUNTY

AQUIFER: HARTSHORNE SANDSTONE
LEGAL DESCRIPTION: NE SW SE 07 07N 20E1M
LATITUDE: 35.089290262 LONGITUDE: -95.230901103
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT):
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.35
MAXIMUM DEPTH TO WATER (FT): 13.56

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -1.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.47

AQUIFER: BOGGY FORMATION
LEGAL DESCRIPTION: SW SE SW 11 08N 19E1M
LATITUDE: 35.174813404 LONGITUDE: -95.274168609
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 605.0
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.68
MAXIMUM DEPTH TO WATER (FT): 32.67

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 14.14
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 21.63
CHANGE IN WATER LEVEL SINCE 1983 (FT): 9.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.50

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AQUIFER: SAVANNA SANDSTONE
LEGAL DESCRIPTION: NE NE SE 19 09N 19E1M
LATITUDE: 35.237626357 LONGITUDE: -95.32794655
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 120.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM Depth TO WATER (FT): 19.26
MAXIMUM Depth TO WATER (FT): 21.63

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.06
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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -2.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.15

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NE SW NE 17 09N 20E1M
LATITUDE: 35.257106751 LONGITUDE: -95.209478909
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 550.0
TOTAL DEPTH OF WELL (FT): 155.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM Depth TO WATER (FT): 20.97
MAXIMUM Depth TO WATER (FT): 22.60

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -1.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.04

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HASKELL COUNTY (CONTINUED)

AQUIFER: HARTSHORNE SANDSTONE
LEGAL DESCRIPTION: SE SW SW 24 09N 20EIM
LATITUDE: 35.232921705 LONGITUDE: -95.147116499
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 595.0
TOTAL DEPTH OF WELL (FT): 140.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.51
MAXIMUM DEPTH TO WATER (FT): 21.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.12
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.87
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1994 (FT): -1.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.05

AQUIFER: BOGGY FORMATION
LEGAL DESCRIPTION: NW SW NW 14 10N 21EIM
LATITUDE: 35.343015282 LONGITUDE: -95.061628077
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 551.0
TOTAL DEPTH OF WELL (FT): 100.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.92
MAXIMUM DEPTH TO WATER (FT): 17.87

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -5.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1998 (FT): -8.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.22
HUGHES COUNTY


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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.05 CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.60 CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): CHANGE IN WATER LEVEL SINCE 1992 (FT): -6.65 MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.03

235
AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NE SW NW 31 05N 09EIM
LATITUDE: 34.864143372 LONGITUDE: -96.403393090
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 895.0
TOTAL DEPTH OF WELL (FT): 74.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 40.76
MAXIMUM DEPTH TO WATER (FT): 40.76

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.00
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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 40.76

AQUIFER: WWOOKA CREEK
LEGAL DESCRIPTION: NW SE SW 18 08N 09EIM
LATITUDE: 35.162616587 LONGITUDE: -96.401485402
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 760.0
TOTAL DEPTH OF WELL (FT): 30.0
PERIOD OF RECORD: 1986 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.32
MAXIMUM DEPTH TO WATER (FT): 13.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.00
CHANGE IN WATER LEVEL SINCE 1986 (FT): 0.77
MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.59
**AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM**

**LEGAL DESCRIPTION:** NE SE SE 05 01N 23WIM

**LATITUDE:** 34.582725528  **LONGITUDE:** -99.631714640

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1460.0

**TOTAL DEPTH OF WELL (FT):** 97.0

**PERIOD OF RECORD:** 1997 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 45.85

**MAXIMUM DEPTH TO WATER (FT):** 60.45

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 8.84

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1997 (FT):** -2.81

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 51.68

---

**AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM**

**LEGAL DESCRIPTION:** NE NW NW 07 01S 23WIM

**LATITUDE:** 34.493319242  **LONGITUDE:** -99.651015005

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1462.0

**TOTAL DEPTH OF WELL (FT):** 100.0

**PERIOD OF RECORD:** 1997 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 30.60

**MAXIMUM DEPTH TO WATER (FT):** 36.00

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 3.55

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1997 (FT):** -0.65

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 32.71

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JACKSON COUNTY (CONTINUED)

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SW SW NW 34 01S 24WIM
LATITUDE: 34.429893544  LONGITUDE: -99.707188078
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1510.0
TOTAL DEPTH OF WELL (FT): 101.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 72.00
MAXIMUM DEPTH TO WATER (FT): 81.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): -9.15
MEAN WATER LEVEL FOR PERIOD OF RECORD: 76.07

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SW SW SW 13 01S 25WIM
LATITUDE: 34.466175671  LONGITUDE: -99.777854224
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1527.0
TOTAL DEPTH OF WELL (FT): 130.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 68.85
MAXIMUM DEPTH TO WATER (FT): 81.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -11.99
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.53
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -8.88
CHANGE IN WATER LEVEL SINCE 1978 (FT): -6.78
MEAN WATER LEVEL FOR PERIOD OF RECORD: 73.70
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE SE SE 08 02N 22WIM
LATITUDE: 34.655648682 LONGITUDE: -99.527051077
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1417.0
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1954 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.22
MAXIMUM DEPTH TO WATER (FT): 42.53

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.22
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.78
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.66
CHANGE IN WATER LEVEL SINCE 1954 (FT): 7.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.35

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SE NW NW 12 02N 23WIM
LATITUDE: 34.662952097 LONGITUDE: -99.575288083
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1419.0
TOTAL DEPTH OF WELL (FT): 90.0
PERIOD OF RECORD: 1951 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.49
MAXIMUM DEPTH TO WATER (FT): 55.76

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1951 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.97
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE NE 21 02N 23W1/4
LATITUDE: 34.636892399 LONGITUDE: -99.615833993
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1428.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1953 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.74
MAXIMUM DEPTH TO WATER (FT): 33.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.92
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.16
CHANGE IN WATER LEVEL SINCE 1953 (FT): 11.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.28

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SE NE NE 27 03N 23W1/4
LATITUDE: 34.706735744 LONGITUDE: -99.598013467
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1457.7
TOTAL DEPTH OF WELL (FT): 127.0
PERIOD OF RECORD: 1952 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.87
MAXIMUM DEPTH TO WATER (FT): 54.01

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -12.53
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.76
CHANGE IN WATER LEVEL SINCE 1952 (FT): 3.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.36
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE SE 30 03N 23WIM
LATITUDE: 34.702737300  LONGITUDE: -99.649807377
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1455.0
TOTAL DEPTH OF WELL (FT): 90.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.15
MAXIMUM DEPTH TO WATER (FT): 25.42

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.03
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.50
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.63
CHANGE IN WATER LEVEL SINCE 1978 (FT): 5.43

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.30
AQUIFER: OSCAR FORMATION
LEGAL DESCRIPTION: SE NE SE 32 04S 04WIM
LATITUDE: 34.162412013 LONGITUDE: -97.632913160
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 885.0
TOTAL DEPTH OF WELL (FT): 680.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 84.05
MAXIMUM DEPTH TO WATER (FT): 85.83

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.70
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -1.78

MEAN WATER LEVEL FOR PERIOD OF RECORD: 85.00

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NE NE SE 27 06S 08WIM
LATITUDE: 34.004546065 LONGITUDE: -98.018260999
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 825.0
TOTAL DEPTH OF WELL (FT): 28.5
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.18
MAXIMUM DEPTH TO WATER (FT): 9.94

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -1.76

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.24
### JOHNSTON COUNTY

**AQUIFER: ARBUCKLE GROUP**  
**LEGAL DESCRIPTION:** NE NE NE 26 01S 06E13M  
**LATITUDE:** 34.448202388  **LONGITUDE:** -96.637733137  
**WELL USE:** DOMESTIC  
**ELEVATION OF LAND SURFACE (FT):** 1010.0  
**TOTAL DEPTH OF WELL (FT):** 200.0  
**PERIOD OF RECORD:** 1994 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 27.02  
**MAXIMUM DEPTH TO WATER (FT):** 35.21

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -2.64  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -3.35  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1994 (FT):** -1.09

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 32.38

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**AQUIFER: ATOKA FORMATION**  
**LEGAL DESCRIPTION:** SW SE SE 14 02S 08E13M  
**LATITUDE:** 34.376658141  **LONGITUDE:** -96.427416089  
**WELL USE:** DOMESTIC  
**ELEVATION OF LAND SURFACE (FT):** 640.0  
**TOTAL DEPTH OF WELL (FT):** 18.0  
**PERIOD OF RECORD:** 1979 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 4.44  
**MAXIMUM DEPTH TO WATER (FT):** 9.28

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -2.13  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 1.24  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** -0.62

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.78

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JOHNSON COUNTY (CONTINUED)

AQUIFER: ANTHERS SANDSTONE
LEGAL DESCRIPTION: SW NW NW 16 04S 04E1M
LATITUDE: 34.213181708 LONGITUDE: -96.898047960
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 745.0
TOTAL DEPTH OF WELL (FT): 54.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.15
MAXIMUM DEPTH TO WATER (FT): 31.05

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.91
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -14.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.34
CHANGE IN WATER LEVEL SINCE 1977 (FT): -4.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.72
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NW NW 06 25N 01EIM
LATITUDE: 36.680778804 LONGITUDE: -97.242959642
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 960.0
TOTAL DEPTH OF WELL (FT): 50.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.73
MAXIMUM DEPTH TO WATER (FT): 20.73

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.73

AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: SE SE NE 26 26N 02EIM
LATITUDE: 36.706172017 LONGITUDE: -97.050468953
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 929.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.42
MAXIMUM DEPTH TO WATER (FT): 32.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.57
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.39
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 11.23
CHANGE IN WATER LEVEL SINCE 1990 (FT): 11.23

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.54
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NW NW 36 26N 03EIM
LATITUDE: 36.692760674 LONGITUDE: -96.936494548
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 975.0
TOTAL DEPTH OF WELL (FT): 28.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.62
MAXIMUM DEPTH TO WATER (FT): 23.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.14
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.15
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 2.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.72

AQUIFER: A & T DEPOSITS OF THE CHIKASKA RIVER
LEGAL DESCRIPTION: SW SE SW 19 29N 02WIM
LATITUDE: 36.971366000 LONGITUDE: -97.457060000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1060.0
TOTAL DEPTH OF WELL (FT): 61.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 30.61
MAXIMUM DEPTH TO WATER (FT): 34.19

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1975 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.47
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SW 10 17N 05WIM
LATITUDE: 35.957110300 LONGITUDE: -97.720844300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1050.0
TOTAL DEPTH OF WELL (FT): 45.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.23
MAXIMUM DEPTH TO WATER (FT): 20.04

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.24
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.45
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.23
MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.13

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW NW 18 17N 06WIM
LATITUDE: 35.951168700 LONGITUDE: -97.889694800
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1015.0
TOTAL DEPTH OF WELL (FT): 30.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.18
MAXIMUM DEPTH TO WATER (FT): 5.93

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.46
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.68
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.60
CHANGE IN WATER LEVEL SINCE 1975 (FT): -2.30
MEAN WATER LEVEL FOR PERIOD OF RECORD: 2.38
### AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER

**LEGAL DESCRIPTION:** SE SW SE 11 17N 07W1M  
**LATITUDE:** 35.958165900 **LONGITUDE:** -97.913807900  
**WELL USE:** OBSERVATION WELL  
**ELEVATION OF LAND SURFACE (FT):** 1020.0  
**TOTAL DEPTH OF WELL (FT):** 33.0  
**PERIOD OF RECORD:** 1975 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 7.63  
**MAXIMUM DEPTH TO WATER (FT):** 15.13

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.88  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -3.03  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -3.86  
**CHANGE IN WATER LEVEL SINCE 1975 (FT):** -3.88  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.75

### AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER

**LEGAL DESCRIPTION:** NE NE SE 12 17N 07W1M  
**LATITUDE:** 35.963906700 **LONGITUDE:** -97.892023600  
**WELL USE:** UNKNOWN  
**ELEVATION OF LAND SURFACE (FT):** 1020.0  
**TOTAL DEPTH OF WELL (FT):** 30.0  
**PERIOD OF RECORD:** 1975 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 4.10  
**MAXIMUM DEPTH TO WATER (FT):** 13.50

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**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1975 (FT):**  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 8.33
KINGFISHER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW SE SE 03 17N 08WIM
LATITUDE: 35.974288000 LONGITUDE: -98.036535400
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1068.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1987 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.12
MAXIMUM DEPTH TO WATER (FT): 6.39

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.29
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.17
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.33
CHANGE IN WATER LEVEL SINCE 1987 (FT): 0.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.49

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE SW SW 03 18N 06WIM
LATITUDE: 36.061614100 LONGITUDE: -97.832020500
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1166.0
TOTAL DEPTH OF WELL (FT): 45.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.42
MAXIMUM DEPTH TO WATER (FT): 11.47

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.32
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.17
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.21
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.53
KINGFISHER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW NE NE 07 18N 06W
LATITUDE: 36.055167500  LONGITUDE: -97.874858400
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT):  1145.0
TOTAL DEPTH OF WELL (FT):  34.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  2.97
MAXIMUM DEPTH TO WATER (FT):  8.37

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -2.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  0.66
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  1.16
CHANGE IN WATER LEVEL SINCE 1975 (FT):  -1.99
MEAN WATER LEVEL FOR PERIOD OF RECORD:  5.40

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NE NE 17 18N 06W
LATITUDE: 36.043507300  LONGITUDE: -97.857721600
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  1175.0
TOTAL DEPTH OF WELL (FT):  58.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  15.72
MAXIMUM DEPTH TO WATER (FT):  36.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -1.84
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  0.62
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -0.59
CHANGE IN WATER LEVEL SINCE 1975 (FT):  14.07
MEAN WATER LEVEL FOR PERIOD OF RECORD:  24.84

250
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER  
LEGAL DESCRIPTION: NE NE NW 31 18N 06W1M  
LATITUDE: 36.000552200 LONGITUDE: -97.882810200  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 1100.0  
TOTAL DEPTH OF WELL (FT): 56.0  
PERIOD OF RECORD: 1975 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 4.36  
MAXIMUM DEPTH TO WATER (FT): 16.56  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.78  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.07  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.89  
CHANGE IN WATER LEVEL SINCE 1975 (FT): 2.68  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.70

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER  
LEGAL DESCRIPTION: SE SW SE 21 18N 07W1M  
LATITUDE: 36.015900300 LONGITUDE: -97.949053000  
WELL USE: DOMESTIC  
ELEVATION OF LAND SURFACE (FT): 1065.0  
TOTAL DEPTH OF WELL (FT):  
PERIOD OF RECORD: 1975 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 14.35  
MAXIMUM DEPTH TO WATER (FT): 27.00  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.20  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.45  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.06  
CHANGE IN WATER LEVEL SINCE 1975 (FT): 1.07  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.94
**KINGFISHER COUNTY (CONTINUED)**

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** SW SE SE 12 18N 08W

**LATITUDE:** 36.045504400  **LONGITUDE:** -97.999972200

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1122.0

**TOTAL DEPTH OF WELL (FT):** 57.0

**PERIOD OF RECORD:** 1991 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 4.70

**MAXIMUM DEPTH TO WATER (FT):** 11.35

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.41

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 0.58

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** 2.35

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 7.93

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** NW NW NW 13 18N 08W

**LATITUDE:** 36.042450800  **LONGITUDE:** -98.014646200

**WELL USE:** OBSERVATION WELL

**ELEVATION OF LAND SURFACE (FT):** 1093.0

**TOTAL DEPTH OF WELL (FT):**

**PERIOD OF RECORD:** 1975 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** -0.60

**MAXIMUM DEPTH TO WATER (FT):** 10.71

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.08

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 0.73

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 2.12

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 8.72

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 1.99

252
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SE 30 19N 07WIM
LATITUDE: 36.088762800 LONGITUDE: -97.986112000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1182.7
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.46
MAXIMUM DEPTH TO WATER (FT): 37.88

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.77
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.88
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.98
MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.10

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 17 19N 08WIM
LATITUDE: 36.116220800 LONGITUDE: -98.075051400
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1195.0
TOTAL DEPTH OF WELL (FT): 74.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.69
MAXIMUM DEPTH TO WATER (FT): 11.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.94
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.56
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.44
MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.38
KINGFISHER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW NE SE 27 19N 08WIM
LATITUDE: 36.091242500  LONGITUDE: -98.035221300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1175.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.20
MAXIMUM DEPTH TO WATER (FT): 11.84

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.45
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.48
CHANGE IN WATER LEVEL SINCE 1975 (FT): 4.28

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.95

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SE SE 13 19N 09WIM
LATITUDE: 36.117277600  LONGITUDE: -98.106476200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1179.0
TOTAL DEPTH OF WELL (FT): 55.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.92
MAXIMUM DEPTH TO WATER (FT): 11.83

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.08
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.22
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.32
CHANGE IN WATER LEVEL SINCE 1992 (FT): 1.38

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.41
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NW SE 36 20N 09WIM
LATITUDE: 36.165027053 LONGITUDE: -98.109259932
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):
TOTAL DEPTH OF WELL (FT): 84.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.00
MAXIMUM DEPTH TO WATER (FT): 8.00

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.00
KIOWA COUNTY

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SE SE 04 02N 17W1M
LATITUDE: 34.667011371 Longitude: -98.987121849
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1335.0
TOTAL DEPTH OF WELL (FT): 44.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.59
MAXIMUM DEPTH TO WATER (FT): 13.75

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.26
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.38
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.98
CHANGE IN WATER LEVEL SINCE 1981 (FT): 7.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.49

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE SE 11 02N 17W1M
LATITUDE: 34.653203613 Longitude: -98.949843092
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1350.0
TOTAL DEPTH OF WELL (FT): 48.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.60
MAXIMUM DEPTH TO WATER (FT): 21.08

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.54
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.39
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.36
CHANGE IN WATER LEVEL SINCE 1979 (FT): 10.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.74
KIOWA COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 15 02N 17WIM
LATITUDE: 34.652406762 LONGITUDE: -98.968107988
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1342.0
TOTAL DEPTH OF WELL (FT): 45.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.72
MAXIMUM DEPTH TO WATER (FT): 23.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.52
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.24
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.59
CHANGE IN WATER LEVEL SINCE 1979 (FT): 10.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.48

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE SE 17 02N 17WIM
LATITUDE: 34.644543685 LONGITUDE: -99.001535069
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1320.0
TOTAL DEPTH OF WELL (FT): 40.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.42
MAXIMUM DEPTH TO WATER (FT): 17.93

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.77
CHANGE IN WATER LEVEL SINCE 1979 (FT): 11.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.99
**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** SW SW SE 27 03N 17W1M

**LATITUDE:** 34.696054493  **LONGITUDE:** -98.973503882

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1350.0

**TOTAL DEPTH OF WELL (FT):** 61.0

**PERIOD OF RECORD:** 1979 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 19.60

**MAXIMUM DEPTH TO WATER (FT):** 33.92

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.00

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 0.50

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 1.92

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 10.77

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 26.36

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**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** SE NE SW 28 03N 17W1M

**LATITUDE:** 34.700298533  **LONGITUDE:** -98.992717142

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1355.0

**TOTAL DEPTH OF WELL (FT):** 40.0

**PERIOD OF RECORD:** 1976 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 15.35

**MAXIMUM DEPTH TO WATER (FT):** 21.37

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.73

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.17

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -0.13

**CHANGE IN WATER LEVEL SINCE 1976 (FT):** 3.41

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 18.11
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW NW 19 04N 18WIM
LATITUDE: 34.804830185 LONGITUDE: -99.14145066
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 1403.0
TOTAL DEPTH OF WELL (FT): 23.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.92
MAXIMUM DEPTH TO WATER (FT): 13.17

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1979 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.82

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 25 04N 19WIM
LATITUDE: 34.797334743 LONGITUDE: -99.141774845
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1407.0
TOTAL DEPTH OF WELL (FT): 31.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.05
MAXIMUM DEPTH TO WATER (FT): 13.38

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.02
CHANGE IN WATER LEVEL SINCE 1979 (FT): -1.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.63

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KIOWA COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW SE 09 06N 20W1M
LATITUDE: 35.004878165 LONGITUDE: -99.315157343
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1590.0
TOTAL DEPTH OF WELL (FT): 59.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.80
MAXIMUM DEPTH TO WATER (FT): 30.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.50
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.48
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.57
CHANGE IN WATER LEVEL SINCE 1978 (FT): 6.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.66

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE NE NE 20 06N 20W1M
LATITUDE: 34.985071130 LONGITUDE: -99.325403579
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1582.0
TOTAL DEPTH OF WELL (FT): 68.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.00
MAXIMUM DEPTH TO WATER (FT): 34.81

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.75
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.10
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.62
CHANGE IN WATER LEVEL SINCE 1978 (FT): 5.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.18
KIOWA COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW NE SW 21 06N 20WIM
LATITUDE: 34.976346816 LONGITUDE: -99.320602226
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1579.0
TOTAL DEPTH OF WELL (FT): 66.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.70
MAXIMUM DEPTH TO WATER (FT): 35.17

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.87
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.21
CHANGE IN WATER LEVEL SINCE 1978 (FT): 5.87
MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.05

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SE SW 23 06N 20WIM
LATITUDE: 34.972425722 LONGITUDE: -99.285527242
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1590.0
TOTAL DEPTH OF WELL (FT): 38.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.89
MAXIMUM DEPTH TO WATER (FT): 17.65

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.16
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.85
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.92
CHANGE IN WATER LEVEL SINCE 1978 (FT): 0.67
MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.86

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KIOWA COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE SE 35 06N 20W1M
LATITUDE: 34.950313772 LONGITUDE: -99.272639190
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1560.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.50
MAXIMUM DEPTH TO WATER (FT): 17.71

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.50
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 10.51
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.48
CHANGE IN WATER LEVEL SINCE 1978 (FT): 0.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.79

AQUIFER: A & T DEPOSITS OF RAINY MOUNTAIN CREEK
LEGAL DESCRIPTION: NW SW NW 14 07N 15W1M
LATITUDE: 35.082341863 LONGITUDE: -98.760006918
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1335.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.10
MAXIMUM DEPTH TO WATER (FT): 20.21

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.56
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.56
CHANGE IN WATER LEVEL SINCE 1978 (FT): 14.54

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.54
AQUIFER: HENNESSEY GROUP
LEGAL DESCRIPTION: NW SW NW 32 07N 18WIM
LATITUDE: 35.039165547 LONGITUDE: -99.130425720
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1552.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.32
MAXIMUM DEPTH TO WATER (FT): 20.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.50
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.96
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.38
CHANGE IN WATER LEVEL SINCE 1978 (FT): 1.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.94
LATIMER COUNTY

AQUIFER: BIGFORK CHERT
LEGAL DESCRIPTION: SW NW NW 27 03N 20EIM
LATITUDE: 34.706193207 LONGITUDE: -95.197824955
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 875.0
TOTAL DEPTH OF WELL (FT): 250.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.32
MAXIMUM DEPTH TO WATER (FT): 20.14

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.85
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.60
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1992 (FT): -0.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.79
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: SW SW SW 13 10N 24E1M
LATITUDE: 35.332865866 LONGITUDE: -94.725701208
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 445.0
TOTAL DEPTH OF WELL (FT): 40.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.90
MAXIMUM DEPTH TO WATER (FT): 22.85

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.43
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.95
CHANGE IN WATER LEVEL SINCE 1994 (FT): 22.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.00
AQUIFER: LYNN MOUNTAIN FORMATION
LEGAL DESCRIPTION: SW NE NW 11 04N 26E1M
LATITUDE: 34.837795050 LONGITUDE: -94.546418771
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 640.0
TOTAL DEPTH OF WELL (FT): 215.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.17
MAXIMUM DEPTH TO WATER (FT): 70.18

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.04
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.43
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 11.81
CHANGE IN WATER LEVEL SINCE 1980 (FT): 22.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.97
LINCOLN COUNTY

AQUIFER: VANOSS GROUP
LEGAL DESCRIPTION: NW NE SE 29 12N 06E1M
LATITUDE: 35.482985800 LONGITUDE: -96.686332500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 990.0
TOTAL DEPTH OF WELL (FT): 200.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 54.64
MAXIMUM DEPTH TO WATER (FT): 71.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.65
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.27
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.97
CHANGE IN WATER LEVEL SINCE 1980 (FT): 11.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 63.14

AQUIFER: OSCAR FORMATION
LEGAL DESCRIPTION: NW NE SW 09 14N 04E1M
LATITUDE: 35.701350300 LONGITUDE: -96.887587300
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 840.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.22
MAXIMUM DEPTH TO WATER (FT): 27.91

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.49
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.54
MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.93

267
AQUIFER: WELLINGTON FORMATION
LEGAL DESCRIPTION: SE SW SE 02 15N 02EIM
LATITUDE: 35.797435800 LONGITUDE: -97.057964200
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1070.0
TOTAL DEPTH OF WELL (FT): 260.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 115.20
MAXIMUM DEPTH TO WATER (FT): 122.19

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1996 (FT): 0.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 118.62
LOGAN COUNTY

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE SW SW 05 16N 04WIM
LATITUDE: 35.887274800 LONGITUDE: -97.652838700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1009.0
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.47
MAXIMUM DEPTH TO WATER (FT): 28.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1983 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.99

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SW 27 17N 04WIM
LATITUDE: 35.913250600 LONGITUDE: -97.614378000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1055.0
TOTAL DEPTH OF WELL (FT): 34.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.68
MAXIMUM DEPTH TO WATER (FT): 9.03

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.92
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.63
CHANGE IN WATER LEVEL SINCE 1975 (FT): 1.81
MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.17

269
**LOGAN COUNTY (CONTINUED)**

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** SW SW SW 31 17N 04W1M

**LATITUDE:** 35.898899500 **LONGITUDE:** -97.675351100

**WELL USE:** OBSERVATION WELL

**ELEVATION OF LAND SURFACE (FT):** 1042.0

**TOTAL DEPTH OF WELL (FT):** 54.0

**PERIOD OF RECORD:** 1975 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 7.29

**MAXIMUM DEPTH TO WATER (FT):** 21.65

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.32

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -5.58

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -1.47

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 3.85

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 15.32

---

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** NW NW NE 34 17N 04W1M

**LATITUDE:** 35.913050800 **LONGITUDE:** -97.612214500

**WELL USE:** OBSERVATION WELL

**ELEVATION OF LAND SURFACE (FT):** 1040.0

**TOTAL DEPTH OF WELL (FT):** 57.0

**PERIOD OF RECORD:** 1975 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 25.73

**MAXIMUM DEPTH TO WATER (FT):** 31.30

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.64

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.41

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 0.17

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 1.24

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 28.33

---

270
AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW NE NE 21 08S 02WIM
LATITUDE:  33.850061265  LONGITUDE:  -97.406868283
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT):  800.0
TOTAL DEPTH OF WELL (FT):  51.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  34.50
MAXIMUM DEPTH TO WATER (FT):  48.02

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -1.14
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -4.21
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  1.24
CHANGE IN WATER LEVEL SINCE 1980 (FT):  6.36

MEAN WATER LEVEL FOR PERIOD OF RECORD:  39.43
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE NE 04 20N 09WIM
LATITUDE: 36.245828100 LONGITUDE: -98.157935600
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1225.0
TOTAL DEPTH OF WELL (FT): 60.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.47
MAXIMUM DEPTH TO WATER (FT): 24.55

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.36
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.23
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.86
CHANGE IN WATER LEVEL SINCE 1966 (FT): 14.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.37

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SW 12 20N 10WIM
LATITUDE: 36.217616400 LONGITUDE: -98.220602200
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1155.0
TOTAL DEPTH OF WELL (FT): 54.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.82
MAXIMUM DEPTH TO WATER (FT): 21.02

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.47
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.17
CHANGE IN WATER LEVEL SINCE 1978 (FT): 9.27

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.31
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SE NE 20 20N 13WIM
LATITUDE: 36.198490700 LONGITUDE: -98.605152100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1710.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.95
MAXIMUM DEPTH TO WATER (FT): 21.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.99
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.75
CHANGE IN WATER LEVEL SINCE 1979 (FT): 10.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.09

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW NE SW 27 20N 13WIM
LATITUDE: 36.176997600 LONGITUDE: -98.579551500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1680.0
TOTAL DEPTH OF WELL (FT): 95.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 30.45
MAXIMUM DEPTH TO WATER (FT): 38.38

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.02
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 7.14
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.45
CHANGE IN WATER LEVEL SINCE 1989 (FT): 6.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.38

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### AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN

**LEGAL DESCRIPTION:** SW NE SW 13 20N 14WIM

**LATITUDE:** 36.206467100  **LONGITUDE:** -98.649286600

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1740.0

**TOTAL DEPTH OF WELL (FT):** 78.0

**PERIOD OF RECORD:** 1989 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 27.15

**MAXIMUM DEPTH TO WATER (FT):** 37.00

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.79

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 8.05

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 9.35

**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 9.37

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 33.20

---

### AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN

**LEGAL DESCRIPTION:** NE SW NE 21 20N 14WIM

**LATITUDE:** 36.198406900  **LONGITUDE:** -98.695758700

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1750.0

**TOTAL DEPTH OF WELL (FT):** 130.0

**PERIOD OF RECORD:** 1989 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 17.54

**MAXIMUM DEPTH TO WATER (FT):** 29.28

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.71

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 8.93

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 11.74

**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 11.44

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 24.95
### AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN

**Legal Description:** SE NW SE 30 20N 14WIM

- **Latitude:** 36.176783300
- **Longitude:** -98.730142400

**Well Use:** MINING

- **Elevation of Land Surface (ft):** 1700.0
- **Total Depth of Well (ft):** 80.0

**Period of Record:** 1989 to Present

- **Minimum Depth to Water (ft):** 24.99
- **Maximum Depth to Water (ft):** 29.66

<table>
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<tr>
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<td>26.45</td>
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</tr>
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</table>

- **Change in Water Level from 1999 to 2000 (ft):** -0.96
- **Change in Water Level from 1995 to 2000 (ft):** 3.21
- **Change in Water Level from 1990 to 2000 (ft):** 2.65
- **Change in Water Level since 1989 (ft):** 2.75

- **Mean Water Level for Period of Record:** 28.15

### AQUIFER: MARLOW FORMATION

**Legal Description:** SW NE SW 05 20N 15WIM

- **Latitude:** 36.236956200
- **Longitude:** -98.828334400

**Well Use:** MINING

- **Elevation of Land Surface (ft):** 1790.0
- **Total Depth of Well (ft):** 187.0

**Period of Record:** 1989 to Present

- **Minimum Depth to Water (ft):** 64.84
- **Maximum Depth to Water (ft):** 77.74

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- **Change in Water Level from 1999 to 2000 (ft):** 3.01
- **Change in Water Level from 1995 to 2000 (ft):** 7.84
- **Change in Water Level from 1990 to 2000 (ft):** 12.76
- **Change in Water Level since 1989 (ft):** 12.76

- **Mean Water Level for Period of Record:** 73.81

275
**MAJOR COUNTY (CONTINUED)**

**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

**LEGAL DESCRIPTION:** NE NW NE 27 20N 15W1M

**LATITUDE:** 36.186674831  **LONGITUDE:** -98.784742258

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1730.0

**TOTAL DEPTH OF WELL (FT):** 90.0

**PERIOD OF RECORD:** 2000 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 26.47

**MAXIMUM DEPTH TO WATER (FT):** 26.47

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 26.47

---

**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

**LEGAL DESCRIPTION:** SE SE NW 20 20N 16W1M

**LATITUDE:** 36.196548447  **LONGITUDE:** -98.931466737

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 1693.0

**TOTAL DEPTH OF WELL (FT):**

**PERIOD OF RECORD:** 2000 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 2.84

**MAXIMUM DEPTH TO WATER (FT):** 2.84

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 2.84

---

276
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SW 06 21N 09WIM
LATITUDE: 36.319270000 LONGITUDE: -98.210960800
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1276.0
TOTAL DEPTH OF WELL (FT): 123.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.03
MAXIMUM DEPTH TO WATER (FT): 27.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.35
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.32
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.07
CHANGE IN WATER LEVEL SINCE 1976 (FT): 15.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.83

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW SW NW 21 21N 09WIM
LATITUDE: 36.284386311 LONGITUDE: -98.174575596
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1248.0
TOTAL DEPTH OF WELL (FT): 68.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.97
MAXIMUM DEPTH TO WATER (FT): 4.97

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL SINCE 2000 (FT): 4.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.97

277
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SE 21 21N 10WIM
LATITUDE: 36.275421200 LONGITUDE: -98.266959700
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1230.0
TOTAL DEPTH OF WELL (FT): 41.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.17
MAXIMUM DEPTH TO WATER (FT): 23.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.99
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 12.76
CHANGE IN WATER LEVEL SINCE 1978 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.71

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE NW 31 22N 10WIM
LATITUDE: 36.347351700 LONGITUDE: -98.312819700
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1290.0
TOTAL DEPTH OF WELL (FT): 51.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.15
MAXIMUM DEPTH TO WATER (FT): 24.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.32
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.53
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.05
CHANGE IN WATER LEVEL SINCE 1976 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.22
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE SW SW 03 22N 11W1M
LATITUDE: 36.407133600 LONGITUDE: -98.369486900
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1350.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.56
MAXIMUM DEPTH TO WATER (FT): 21.17

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.14
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.42
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.68
CHANGE IN WATER LEVEL SINCE 1983 (FT): 2.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.47

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE NE 23 22N 11W1M
LATITUDE: 36.369751100 LONGITUDE: -98.337189500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1325.0
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.98
MAXIMUM DEPTH TO WATER (FT): 30.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.18
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.01
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.56
CHANGE IN WATER LEVEL SINCE 1978 (FT): 8.26

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.82
### AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER

**LEGAL DESCRIPTION:** NE NE SE 19 23N 11WIM

**LATITUDE:** 36.45517700  **LONGITUDE:** -98.408558700

**WELL USE:** OBSERVATION WELL

**ELEVATION OF LAND SURFACE (FT):** 1321.0

**TOTAL DEPTH OF WELL (FT):** 55.0

**PERIOD OF RECORD:** 1976 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 3.65

**MAXIMUM DEPTH TO WATER (FT):** 9.47

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.70

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 1.09

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 1.33

**CHANGE IN WATER LEVEL SINCE 1976 (FT):** 2.08

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.17

---

### AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER

**LEGAL DESCRIPTION:** NW NE NE 25 23N 11WIM

**LATITUDE:** 36.448553700  **LONGITUDE:** -98.323100600

**WELL USE:** DOMESTIC

**ELEVATION OF LAND SURFACE (FT):** 1410.0

**TOTAL DEPTH OF WELL (FT):**

**PERIOD OF RECORD:** 1983 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 6.35

**MAXIMUM DEPTH TO WATER (FT):** 14.65

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.31

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 1.43

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 0.54

**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 6.49

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 9.93
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE NW NW 31 23N 12W1M
LATITUDE: 36.430985273 LONGITUDE: -98.528859567
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1360.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 33.49
MAXIMUM DEPTH TO WATER (FT): 33.49

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 33.49
AQUIFER: ANTLERED SANDSTONE
LEGAL DESCRIPTION: SE SE SE 12 06S 04E1M
LATITUDE: 34.042451043 LONGITUDE: -96.832000421
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 835.0
TOTAL DEPTH OF WELL (FT): 125.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 85.16
MAXIMUM DEPTH TO WATER (FT): 89.24

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.45
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.63
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.95
CHANGE IN WATER LEVEL SINCE 1994 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD:

AQUIFER: ANTLERED SANDSTONE
LEGAL DESCRIPTION: SE NW NW 24 07S 06E1M
LATITUDE: 33.937817828 LONGITUDE: -96.636910974
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 680.0
TOTAL DEPTH OF WELL (FT): 503.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 111.35
MAXIMUM DEPTH TO WATER (FT): 142.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.46
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -13.35
CHANGE IN WATER LEVEL SINCE 1978 (FT): -28.69
MEAN WATER LEVEL FOR PERIOD OF RECORD: 126.44
AQUIFER: ANTlers SANDSTONE
LEGAL DESCRIPTION: SE SW SE 05 08S 05E1M
LATITUDE: 33.883744064 LONGITUDE: -96.801668039
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 660.0
TOTAL DEPTH OF WELL (FT): 160.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 57.45
MAXIMUM DEPTH TO WATER (FT): 75.82

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 4.49
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.92
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1994 (FT): -1.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 62.95
MAYES COUNTY

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SE SE SW 19 20N 20E1M
LATITUDE: 36.191892069 LONGITUDE: -95.213241676
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 630.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 28.62
MAXIMUM DEPTH TO WATER (FT): 37.47

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.65
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.45
CHANGE IN WATER LEVEL SINCE 1979 (FT): 2.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.22

AQUIFER: PITKIN LIMESTONE
LEGAL DESCRIPTION: SE SE NE 23 22N 20E1M
LATITUDE: 36.373996500 LONGITUDE: -95.132023684
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 625.0
TOTAL DEPTH OF WELL (FT): 35.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.05
MAXIMUM DEPTH TO WATER (FT): 10.78

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.13
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1997 (FT): -1.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.28
### Aquifer: A & T Deposits of the Canadian River

**Legal Description:** NE SW SE 34 06N 01W1M
**Latitude:** 34.94783200 **Longitude:** -97.288036500
**Well Use:** Irrigation
**Elevation of Land Surface (FT):** 1000.0
**Total Depth of Well (FT):** 60.0
**Period of Record:** 1979 to Present
**Minimum Depth to Water (FT):** 0.21
**Maximum Depth to Water (FT):** 13.34

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**Change in Water Level from 1999 to 2000 (FT):** 0.93
**Change in Water Level from 1995 to 2000 (FT):** -4.60
**Change in Water Level from 1990 to 2000 (FT):** -3.95
**Change in Water Level since 1979 (FT):** 2.29

**Mean Water Level for Period of Record:** 7.01

---

### Aquifer: A & T Deposits of the Canadian River

**Legal Description:** SE NE SE 10 08N 03W1M
**Latitude:** 35.178953900 **Longitude:** -97.494947600
**Well Use:** Irrigation
**Elevation of Land Surface (FT):** 1110.0
**Total Depth of Well (FT):**
**Period of Record:** 1979 to Present
**Minimum Depth to Water (FT):** 2.83
**Maximum Depth to Water (FT):** 12.53

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**Change in Water Level from 1999 to 2000 (FT):** -1.06
**Change in Water Level from 1995 to 2000 (FT):** -3.02
**Change in Water Level from 1990 to 2000 (FT):** -2.66
**Change in Water Level since 1979 (FT):** 3.42

**Mean Water Level for Period of Record:** 6.89
MCCURTAIN COUNTY

AQUIFER: ANTLET SANDSTONE
LEGAL DESCRIPTION: NW NE NE 27 06S 21EIM
LATITUDE: 34.010833386 LONGITUDE: -95.089275393
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 540.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 66.35
MAXIMUM DEPTH TO WATER (FT): 73.67

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.71
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.58
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.86
CHANGE IN WATER LEVEL SINCE 1956 (FT): 0.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 70.72

AQUIFER: ANTLET SANDSTONE
LEGAL DESCRIPTION: SW SW SE 36 06S 24EIM
LATITUDE: 33.982886966 LONGITUDE: -94.746988980
WELL USE: COMMERCIAL
ELEVATION OF LAND SURFACE (FT): 360.0
TOTAL DEPTH OF WELL (FT): 62.0
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.00
MAXIMUM DEPTH TO WATER (FT): 24.86

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -8.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -9.36
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.70
CHANGE IN WATER LEVEL SINCE 1984 (FT): -6.03

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.31

286
AQUIFER: WOODBINE FORMATION
LEGAL DESCRIPTION: SE NW SW 18 07S 23E1M
LATITUDE: 33.944416398 LONGITUDE: -94.944994340
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 480.0
TOTAL DEPTH OF WELL (FT): 315.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 119.89
MAXIMUM DEPTH TO WATER (FT): 150.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.65
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1994 (FT): -3.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 126.29

AQUIFER:
LEGAL DESCRIPTION: SE SW SE 22 08S 25E1M
LATITUDE: 33.837851260 LONGITUDE: -94.674021659
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 430.0
TOTAL DEPTH OF WELL (FT): 60.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.90
MAXIMUM DEPTH TO WATER (FT): 28.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1998 (FT): -3.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.17
MCINTOSH COUNTY

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NW NW NW 04 08N 14E1M
LATITUDE: 35.202386866 LONGITUDE: -95.840848499
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 660.0
TOTAL DEPTH OF WELL (FT): 14.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.48
MAXIMUM DEPTH TO WATER (FT): 8.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.04
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.14
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.91
CHANGE IN WATER LEVEL SINCE 1981 (FT): 3.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.44

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NE NE 26 11N 14E1M
LATITUDE: 35.405565937 LONGITUDE: -95.790831124
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 620.0
TOTAL DEPTH OF WELL (FT): 35.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.20
MAXIMUM DEPTH TO WATER (FT): 18.29

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.90
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.28
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.45
CHANGE IN WATER LEVEL SINCE 1983 (FT): 5.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.97
AQUIFER: ARBUCKLE GROUP
LEGAL DESCRIPTION: SW NE NE 25 01N 04EIM
LATITUDE: 34.532744562 LONGITUDE: -96.829853256
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1225.0
TOTAL DEPTH OF WELL (FT): 3459.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.76
MAXIMUM DEPTH TO WATER (FT): 133.48

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.53
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -37.97
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.58
CHANGE IN WATER LEVEL SINCE 1977 (FT): 17.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 87.43
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NE NE 01 24N 03RIM
LATITUDE: 36.593794544  LONGITUDE: -96.927180980
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 885.0
TOTAL DEPTH OF WELL (FT): 42.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.59
MAXIMUM DEPTH TO WATER (FT): 5.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.59
AQUIFER: OOLOGAH LIMESTONE
LEGAL DESCRIPTION: SE SE NE 14 28N 17E1M
LATITUDE: 36.90664114 LONGITUDE: -95.450442463
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 915.0
TOTAL DEPTH OF WELL (FT): 100.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.73
MAXIMUM DEPTH TO WATER (FT): 9.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.70
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.56
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.15
CHANGE IN WATER LEVEL SINCE 1979 (FT): 5.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.93

AQUIFER: OOLOGAH LIMESTONE
LEGAL DESCRIPTION: SW SW SE 22 28N 17E1M
LATITUDE: 36.888276840 LONGITUDE: -95.470626772
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 870.0
TOTAL DEPTH OF WELL (FT): 25.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.16
MAXIMUM DEPTH TO WATER (FT): 3.87

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.96
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.31
CHANGE IN WATER LEVEL SINCE 1979 (FT): -2.29

MEAN WATER LEVEL FOR PERIOD OF RECORD: 1.41
OKFUSKEE COUNTY

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NW NW 15 10N 09E1M
LATITUDE: 35.348165911 LONGITUDE: -96.352528229
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 781.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.94
MAXIMUM DEPTH TO WATER (FT): 16.14

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.82
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.16
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.76
CHANGE IN WATER LEVEL SINCE 1983 (FT): -1.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.90

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NW SE 17 10N 12E1M
LATITUDE: 35.337655690 LONGITUDE: -96.056707966
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 680.0
TOTAL DEPTH OF WELL (FT): 38.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.46
MAXIMUM DEPTH TO WATER (FT): 22.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.46
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SW SW 11 11N 08E1M
LATITUDE: 35.438200000 LONGITUDE: -96.440101000
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 900.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 39.40
MAXIMUM DEPTH TO WATER (FT): 44.75

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.38

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SW SW 33 12N 07E1M
LATITUDE: 35.464203206 LONGITUDE: -96.579908626
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 850.0
TOTAL DEPTH OF WELL (FT): 47.5
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.30
MAXIMUM DEPTH TO WATER (FT): 21.05

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.97
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.39
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.60
CHANGE IN WATER LEVEL SINCE 1983 (FT): -1.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.88
OKLAHOMA COUNTY

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SW SE NE 08 11N 02WIM
LATITUDE: 35.443835500 LONGITUDE: -97.426487700
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1190.0
TOTAL DEPTH OF WELL (FT): 743.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 153.84
MAXIMUM DEPTH TO WATER (FT): 246.53

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 10.89
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -13.36
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -6.59
CHANGE IN WATER LEVEL SINCE 1976 (FT): -10.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 186.21

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SE SW 05 11N 04WIM
LATITUDE: 35.449813100 LONGITUDE: -97.645203300
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1220.0
TOTAL DEPTH OF WELL (FT): 35.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.14
MAXIMUM DEPTH TO WATER (FT): 11.56

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.80
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.35
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.31
CHANGE IN WATER LEVEL SINCE 1983 (FT): 0.03

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.54
AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SW SE SW 23 12N 02WIM
LATITUDE: 35.49688800 LONGITUDE: -97.381904000
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1220.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.58
MAXIMUM DEPTH TO WATER (FT): 42.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.92
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.60
CHANGE IN WATER LEVEL SINCE 1979 (FT): 15.84

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.80

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NW NE 34 13N 03WIM
LATITUDE: 35.564054300 LONGITUDE: -97.503960100
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1163.0
TOTAL DEPTH OF WELL (FT): 200.0
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 119.85
MAXIMUM DEPTH TO WATER (FT): 123.93

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.08
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.83
CHANGE IN WATER LEVEL SINCE 1984 (FT): -0.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 121.89
AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NE NW NE 07 14N 01E1M
LATITUDE: 35.710176700 LONGITUDE: -97.234744300
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 1050.0
TOTAL DEPTH OF WELL (FT): 87.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.60
MAXIMUM DEPTH TO WATER (FT): 76.20

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CHANGE IN WATER LEVEL SINCE 1977 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.06

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NW SW 20 14N 01W1M
LATITUDE: 35.673538800 LONGITUDE: -97.335973800
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1040.0
TOTAL DEPTH OF WELL (FT): 43.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.35
MAXIMUM DEPTH TO WATER (FT): 28.38

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.35
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.65
CHANGE IN WATER LEVEL SINCE 1976 (FT): 0.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.67
AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NW NE 03 14N 02WIM
LATITUDE: 35.565403900 LONGITUDE: -97.575872700
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1140.0
TOTAL DEPTH OF WELL (FT): 110.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 51.70
MAXIMUM DEPTH TO WATER (FT): 67.60

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.95
CHANGE IN WATER LEVEL SINCE 1978 (FT): 8.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 60.24

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SW SW NE 03 14N 03WIM
LATITUDE: 35.718640600 LONGITUDE: -97.504130600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1140.0
TOTAL DEPTH OF WELL (FT): 410.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 59.02
MAXIMUM DEPTH TO WATER (FT): 98.05

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 22.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -7.01
CHANGE IN WATER LEVEL SINCE 1976 (FT): 19.79

MEAN WATER LEVEL FOR PERIOD OF RECORD: 74.06
OKLAHOMA COUNTY (CONTINUED)

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NE NE NW 13 14N 03WIM
LATITUDE: 35.694668800 LONGITUDE: -97.470274300
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1180.0
TOTAL DEPTH OF WELL (FT): 122.0
PERIOD OF RECORD: 1993 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 91.62
MAXIMUM DEPTH TO WATER (FT): 97.02

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.74
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1993 (FT): -4.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 94.16

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SE SE SE 30 14N 03WIM
LATITUDE: 35.653517000 LONGITUDE: -97.549889800
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 1120.0
TOTAL DEPTH OF WELL (FT): 134.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 72.37
MAXIMUM DEPTH TO WATER (FT): 92.91

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CHANGE IN WATER LEVEL SINCE 1978 (FT):  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 80.54

298
OKMULGEE COUNTY

AQUIFER: WENOKA FORMATION
LEGAL DESCRIPTION: NW NW NW 36 14N 12E1M
LATITUDE: 35.739757675 LONGITUDE: -95.997779557
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 930.0
TOTAL DEPTH OF WELL (FT): 260.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 129.90
MAXIMUM DEPTH TO WATER (FT): 147.60

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 11.39
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 11.39
CHANGE IN WATER LEVEL SINCE 1995 (FT): 11.39

MEAN WATER LEVEL FOR PERIOD OF RECORD: 140.90
OSAGE COUNTY

AQUIFER: CHANUTE FORMATION
LEGAL DESCRIPTION: SW NW NE 32 21N 11E1M
LATITUDE: 36.255771252  LONGITUDE: -96.143793629
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 735.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.55
MAXIMUM DEPTH TO WATER (FT): 36.25

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.49
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.25
CHANGE IN WATER LEVEL SINCE 1979 (FT): 13.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.23
AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SE SE NW 04 28N 25E1M
LATITUDE: 36.937621000 LONGITUDE: -94.618159000
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1030.0
TOTAL DEPTH OF WELL (FT): 343.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 47.41
MAXIMUM DEPTH TO WATER (FT): 54.05

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CHANGE IN WATER LEVEL SINCE 1994 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 51.69

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SW NE NE 30 29N 22E1M
LATITUDE: 36.970575422 LONGITUDE: -94.960879303
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 790.0
TOTAL DEPTH OF WELL (FT): 45.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.51
MAXIMUM DEPTH TO WATER (FT): 17.50

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CHANGE IN WATER LEVEL SINCE 1979 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.12

301
AQUIFER: VAMOOSA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: SW NW NE 18 20N 08E10M
LATITUDE: 36.215131979 LONGITUDE: -96.489032927
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 830.0
TOTAL DEPTH OF WELL (FT): 140.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 21.99
MAXIMUM DEPTH TO WATER (FT): 28.39

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.53
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.71
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.41

AQUIFER: ADA FORMATION
LEGAL DESCRIPTION: SW SE NE 20 21N 07E10M
LATITUDE: 36.284373266 LONGITUDE: -96.576057817
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 785.0
TOTAL DEPTH OF WELL (FT): 290.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.70
MAXIMUM DEPTH TO WATER (FT): 19.52

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.06

302
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW NW 08 17N 01EIM
LATITUDE: 35.970708508 LONGITUDE: -97.229040780
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 870.0
TOTAL DEPTH OF WELL (FT): 65.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.13
MAXIMUM DEPTH TO WATER (FT): 15.43

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.59
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.89
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.88
CHANGE IN WATER LEVEL SINCE 1983 (FT): 0.94

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.29

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SW 36 18N 02EIM
LATITUDE: 35.989871560 LONGITUDE: -97.044187079
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 910.0
TOTAL DEPTH OF WELL (FT): 56.0
PERIOD OF RECORD: 1906 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.68
MAXIMUM DEPTH TO WATER (FT): 33.20

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.41
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.26
CHANGE IN WATER LEVEL SINCE 1906 (FT): -0.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.56
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SE 36 18N 03E1M
LATITUDE: 35.98673207 LONGITUDE: -96.927442220
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 870.0
TOTAL DEPTH OF WELL (FT): 56.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 25.00
MAXIMUM DEPTH TO WATER (FT): 34.10

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.86
CHANGE IN WATER LEVEL SINCE 1983 (FT): -1.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.92

AQUIFER: VAMOOSA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: SW SW SE 36 18N 05E1M
LATITUDE: 35.986055656 LONGITUDE: -96.722870769
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 875.0
TOTAL DEPTH OF WELL (FT): 685.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 87.36
MAXIMUM DEPTH TO WATER (FT): 149.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 8.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.58
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.68
CHANGE IN WATER LEVEL SINCE 1977 (FT): 45.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 107.10
AQUIFER: WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NW NW 06 19N 01WIM
LATITUDE: 36.158273000 LONGITUDE: -97.353124000
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1030.0
TOTAL DEPTH OF WELL (FT): 45.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.85
MAXIMUM DEPTH TO WATER (FT): 12.15

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1978 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.29
PITTSBURG COUNTY

AQUIFER: ISOLATED TERRACE DEPOSITS S OF THE CANADIAN
LEGAL DESCRIPTION: NW NW NE 27 04N 12E1M
LATITUDE: 34.794850662 LONGITUDE: -96.030722142
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 790.0
TOTAL DEPTH OF WELL (FT): 43.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 21.32
MAXIMUM DEPTH TO WATER (FT): 25.84

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.51
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -4.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.07

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NE SW SE 11 08N 14E1M
LATITUDE: 35.177712208 LONGITUDE: -95.795577966
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 610.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.04
MAXIMUM DEPTH TO WATER (FT): 17.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): 0.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.58
PONTOTOC COUNTY

AQUIFER: ARBUCKLE GROUP
LEGAL DESCRIPTION: NW SW NW 04 01N 06E1M
LATITUDE: 34.588715212 LONGITUDE: -96.686949444
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1115.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 44.34
MAXIMUM DEPTH TO WATER (FT): 87.18

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.82
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -12.32
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.07
CHANGE IN WATER LEVEL SINCE 1977 (FT): -12.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 68.04

AQUIFER: ARBUCKLE GROUP
LEGAL DESCRIPTION: SE SW SW 25 01N 06E1M
LATITUDE: 34.520587271 LONGITUDE: -96.631940658
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1050.0
TOTAL DEPTH OF WELL (FT): 143.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.12
MAXIMUM DEPTH TO WATER (FT): 32.25

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -5.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -12.81
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -9.90
CHANGE IN WATER LEVEL SINCE 1994 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.11

307
AQUIFER: ARBUCKLE GROUP
LEGAL DESCRIPTION: NE SW SE 07 02N 05E1M
LATITUDE: 34.654145972 LONGITUDE: -96.815218992
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1220.0
TOTAL DEPTH OF WELL (FT): 175.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.03
MAXIMUM DEPTH TO WATER (FT): 29.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.53
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1994 (FT): -6.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.51

AQUIFER: ISOLATED TERRACE DEPOSITS S OF THE CANADIAN
LEGAL DESCRIPTION: NE SE SE 23 05N 04E1M
LATITUDE: 34.885484591 LONGITUDE: -96.842935934
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1010.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 32.37
MAXIMUM DEPTH TO WATER (FT): 34.84

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.64
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.47
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -2.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 33.31
AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SE SE NE 11 06N 02E1M
LATITUDE: 35.009114100 LONGITUDE: -97.054152900
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1100.0
TOTAL DEPTH OF WELL (FT): 148.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 40.48
MAXIMUM DEPTH TO WATER (FT): 53.75

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.12
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.10
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.62
CHANGE IN WATER LEVEL SINCE 1978 (FT): -9.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.04

AQUIFER: WELLINGTON FORMATION
LEGAL DESCRIPTION: SW SW SE 14 10N 02E1M
LATITUDE: 35.333497400 LONGITUDE: -97.061198800
WELL USE: COMMERCIAL
ELEVATION OF LAND SURFACE (FT): 1100.0
TOTAL DEPTH OF WELL (FT): 195.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 51.04
MAXIMUM DEPTH TO WATER (FT): 53.50

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1996 (FT): 2.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 51.90
AQUIFER: OSCAR FORMATION
LEGAL DESCRIPTION: SW SE SE 20 11N 04E1M
LATITUDE: 35.406879500 LONGITUDE: -96.903187000
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1000.0
TOTAL DEPTH OF WELL (FT): 184.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 32.39
MAXIMUM DEPTH TO WATER (FT): 80.38

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 34.31
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1996 (FT): 47.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 63.53
AQUIFER: ANTLELS SANDBSTONE
LEGAL DESCRIPTION: NW NW NE 09 048 16EIM
LATITUDE: 34.229123663 LONGITUDE: -95.627427660
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 495.0
TOTAL DEPTH OF WELL (FT): 30.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.42
MAXIMUM DEPTH TO WATER (FT): 14.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.79
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.11
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.66
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.92

AQUIFER: ANTLELS SANDBSTONE
LEGAL DESCRIPTION: NW SE SW 03 048 17EIM
LATITUDE: 34.231782252 LONGITUDE: -95.510853381
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 640.0
TOTAL DEPTH OF WELL (FT): 202.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 64.89
MAXIMUM DEPTH TO WATER (FT): 74.55

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.47
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 8.45
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -9.66
CHANGE IN WATER LEVEL SINCE 1994 (FT): 9.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 69.53
ROGER MILLS COUNTY

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 18 12N 23W1M
LATITUDE: 35.511931407  LONGITUDE: -99.678379774
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2295.0
TOTAL DEPTH OF WELL (FT): 179.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 39.97
MAXIMUM DEPTH TO WATER (FT): 44.18

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.15
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): 3.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.92

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NE 11 12N 24W1M
LATITUDE: 35.534752056  LONGITUDE: -99.705709451
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2260.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.27
MAXIMUM DEPTH TO WATER (FT): 13.88

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.87
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.01
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.41
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.86

312
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW NE 19 12N 24WIM
LATITUDE: 35.502552950 LONGITUDE: -99.775568281
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2340.0
TOTAL DEPTH OF WELL (FT): 165.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.22
MAXIMUM DEPTH TO WATER (FT): 15.35

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1996 (FT): 0.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.07

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 01 12N 25WIM
LATITUDE: 35.545633405 LONGITUDE: -99.787990417
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2400.0
TOTAL DEPTH OF WELL (FT): 105.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 51.44
MAXIMUM DEPTH TO WATER (FT): 60.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.50
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.16
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 57.03
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SE 15 12N 25WIM
LATITUDE: 35.512761298 LONGITUDE: -99.823485128
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2370.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 13.99
MAXIMUM DEPTH TO WATER (FT): 20.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.95
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.67
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.00
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.95

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 31 12N 25WIM
LATITUDE: 35.467168795 LONGITUDE: -99.882079010
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2320.0
TOTAL DEPTH OF WELL (FT): 154.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 18.64
MAXIMUM DEPTH TO WATER (FT): 64.78

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.80
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.17
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 13.46
CHANGE IN WATER LEVEL SINCE 1980 (FT): 33.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.85
AQUIFER: A & T DEPOSITS OF THE WASHITA RIVER
LEGAL DESCRIPTION: SE NW NE 08 13N 23WIM
LATITUDE: 35.621778589 LONGITUDE: -99.665729890
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1970.0
TOTAL DEPTH OF WELL (FT): 150.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.39
MAXIMUM DEPTH TO WATER (FT): 12.64

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.67
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.42
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.34
CHANGE IN WATER LEVEL SINCE 1978 (FT): 6.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.25

AQUIFER: OGA LLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 09 13N 25WIM
LATITUDE: 35.614850257 LONGITUDE: -99.872430539
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 2370.0
TOTAL DEPTH OF WELL (FT): 125.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 29.72
MAXIMUM DEPTH TO WATER (FT): 37.09

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.19
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.97
CHANGE IN WATER LEVEL SINCE 1981 (FT): 6.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.30
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 05 13N 26WIM
LATITUDE: 35.631982910 LONGITUDE: -99.996875458
WELL USE: INDUSTRIAL
ELEVATION OF LAND SURFACE (FT): 2435.0
TOTAL DEPTH OF WELL (FT): 100.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 37.27
MAXIMUM DEPTH TO WATER (FT): 37.27

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.59
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.90
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.48
CHANGE IN WATER LEVEL SINCE 2000 (FT): 12.83
MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.27

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NE 28 13N 26WIM
LATITUDE: 35.579037515 LONGITUDE: -99.966483863
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2532.0
TOTAL DEPTH OF WELL (FT): 205.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 97.82
MAXIMUM DEPTH TO WATER (FT): 115.72

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.59
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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.48
CHANGE IN WATER LEVEL SINCE 1980 (FT): 12.83
MEAN WATER LEVEL FOR PERIOD OF RECORD: 105.53
AQUIFER: A & T DEPOSITS OF THE WASHITA RIVER
LEGAL DESCRIPTION: SE SE NW 32 14N 23W
LATITUDE: 35.646238050 LONGITUDE: -99.668950396
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1936.0
TOTAL DEPTH OF WELL (FT): 86.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 25.02
MAXIMUM DEPTH TO WATER (FT): 35.43

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.74
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.61
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1976 (FT): 8.61
MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.59

AQUIFER: A & T DEPOSITS OF THE WASHITA RIVER
LEGAL DESCRIPTION: SE SE SE 34 14N 24W
LATITUDE: 35.640073676 LONGITUDE: -99.731501791
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1960.0
TOTAL DEPTH OF WELL (FT): 185.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): -0.76
MAXIMUM DEPTH TO WATER (FT): 2.09

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1996 (FT): 2.08
MEAN WATER LEVEL FOR PERIOD OF RECORD: 0.46
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 26 14N 25WIM
LATITUDE: 35.656956018 LONGITUDE: -99.824684366
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2310.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 56.88
MAXIMUM DEPTH TO WATER (FT): 61.83

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.96
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.01
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.02
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 59.30

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 31 14N 25WIM
LATITUDE: 35.649285970 LONGITUDE: -99.904009210
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2300.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 39.39
MAXIMUM DEPTH TO WATER (FT): 42.70

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.73
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.43
CHANGE IN WATER LEVEL SINCE 1981 (FT): 2.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.70

318
ROGER MILLS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 07 15N 23WIM
LATITUDE: 35.794294149 LONGITUDE: -99.690483801
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2320.0
TOTAL DEPTH OF WELL (FT): 247.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 116.75
MAXIMUM DEPTH TO WATER (FT): 119.99

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CHANGE IN WATER LEVEL SINCE 1996 (FT): 2.27

MEAN WATER LEVEL FOR PERIOD OF RECORD: 118.36

AQUIFER: CLOUD CHIEF FORMATION
LEGAL DESCRIPTION: SW NE SW 36 15N 24WIM
LATITUDE: 35.730208324 LONGITUDE: -99.707014377
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2020.0
TOTAL DEPTH OF WELL (FT): 90.0
PERIOD OF RECORD: 1976 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.10
MAXIMUM DEPTH TO WATER (FT): 7.75

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.43
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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.07
CHANGE IN WATER LEVEL SINCE 1976 (FT): 0.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.98
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 03 15N 25WIM
LATITUDE: 35.810874724 LONGITUDE: -99.850560034
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2390.0
TOTAL DEPTH OF WELL (FT): 172.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 109.85
MAXIMUM DEPTH TO WATER (FT): 117.02

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):

CHANGE IN WATER LEVEL SINCE 1996 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 112.38

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 11 15N 26WIM
LATITUDE: 35.784557474 LONGITUDE: -99.942373651
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2300.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 32.15
MAXIMUM DEPTH TO WATER (FT): 40.34

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.42
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.45
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.49
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.77

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.58
ROGER MILLS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 32 15N 26WIM
LATITUDE:  35.729946570  LONGITUDE: -99.993255217
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):  2370.0
TOTAL DEPTH OF WELL (FT):  166.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  74.05
MAXIMUM DEPTH TO WATER (FT):  79.39

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -0.49
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  2.29
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  0.49
CHANGE IN WATER LEVEL SINCE 1981 (FT):  3.38

MEAN WATER LEVEL FOR PERIOD OF RECORD:  76.28

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: SE SE SE 09 16N 26WIM
LATITUDE:  35.871495287  LONGITUDE: -99.962074895
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  2209.0
TOTAL DEPTH OF WELL (FT):  
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  3.44
MAXIMUM DEPTH TO WATER (FT):  8.77

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -0.21
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  0.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  1.55
CHANGE IN WATER LEVEL SINCE 1980 (FT):  5.02

MEAN WATER LEVEL FOR PERIOD OF RECORD:  4.58

321
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NW 35 17N 25WIM
LATITUDE: 35.908449363 LONGITUDE: -99.839949783
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2150.0
TOTAL DEPTH OF WELL (FT): 127.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 17.95
MAXIMUM DEPTH TO WATER (FT): 22.83

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.02
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.28
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.10
CHANGE IN WATER LEVEL SINCE 1981 (FT): 3.78

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.29
ROGERS COUNTY

AQUIFER: A & T DEPOSITS OF VERDIGRIS RIVER
LEGAL DESCRIPTION: SW SW SE 35 22N 16E1M
LATITUDE: 36.336590146 LONGITUDE: -95.569780112
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 640.0
TOTAL DEPTH OF WELL (FT): 110.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.28
MAXIMUM DEPTH TO WATER (FT): 17.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 5.52
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1997 (FT): 1.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.47

AQUIFER: SENORE FORMATION
LEGAL DESCRIPTION: SW NE NE 20 24N 18E1M
LATITUDE: 36.551613538 LONGITUDE: -95.400260093
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 775.0
TOTAL DEPTH OF WELL (FT): 54.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.80
MAXIMUM DEPTH TO WATER (FT): 31.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.75
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.78
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.88
CHANGE IN WATER LEVEL SINCE 1979 (FT): 17.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.08

323
AQUIFER: VAMOOSA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: NW NW NE 22 06N 06E1M
LATITUDE: 34.984691516 LONGITUDE: -96.659740412
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 955.0
TOTAL DEPTH OF WELL (FT): 130.0
PERIOD OF RECORD: 1994 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 71.57
MAXIMUM DEPTH TO WATER (FT): 73.05

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.39
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.59
CHANGE IN WATER LEVEL SINCE 1994 (FT): -0.59
MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.34

AQUIFER: VAMOOSA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: SE NE NE 11 10N 06E1M
LATITUDE: 35.359013379 LONGITUDE: -96.63638682
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 925.0
TOTAL DEPTH OF WELL (FT): 220.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 64.42
MAXIMUM DEPTH TO WATER (FT): 65.41

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.36
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.99
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.99
CHANGE IN WATER LEVEL SINCE 1998 (FT): -0.99
MEAN WATER LEVEL FOR PERIOD OF RECORD: 64.96
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NE NE 16 11N 08E1M
LATITUDE: 35.431621691 LONGITUDE: -96.459589630
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 880.0
TOTAL DEPTH OF WELL (FT): 32.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.71
MAXIMUM DEPTH TO WATER (FT): 21.71

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.95
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.10
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.86
CHANGE IN WATER LEVEL SINCE 1978 (FT): -8.65

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.23
**SEQUOYAH COUNTY**

**AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER**

**LEGAL DESCRIPTION:** SE SW NE 23 10N 26E31

**LATITUDE:** 35.326926154  **LONGITUDE:** -94.519722928

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 420.0

**TOTAL DEPTH OF WELL (FT):** 48.0

**PERIOD OF RECORD:** 2000 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 21.12

**MAXIMUM DEPTH TO WATER (FT):** 21.12

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 21.12

---

**AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER**

**LEGAL DESCRIPTION:** NW NE NE 31 11N 27E31

**LATITUDE:** 35.389405336  **LONGITUDE:** -94.481545915

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 415.0

**TOTAL DEPTH OF WELL (FT):** 42.5

**PERIOD OF RECORD:** 2000 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 10.90

**MAXIMUM DEPTH TO WATER (FT):** 10.90

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 10.90
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NE NE 18 12N 21E1M
LATITUDE: 35.520711131 LONGITUDE: -95.114828758
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 485.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.60
MAXIMUM DEPTH TO WATER (FT): 16.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -5.07
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.78
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.52
CHANGE IN WATER LEVEL SINCE 1977 (FT): 0.72

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.35

AQUIFER: ATOKA FORMATION
LEGAL DESCRIPTION: SE NE NW 16 13N 22E1M
LATITUDE: 35.606855000 LONGITUDE: -94.977641000
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 880.0
TOTAL DEPTH OF WELL (FT): 65.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): -0.05
MAXIMUM DEPTH TO WATER (FT): 3.55

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CHANGE IN WATER LEVEL SINCE 1979 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 1.25
AQUIFER: OSCAR FORMATION  
LEGAL DESCRIPTION: NE SE SE 21 01N 07WIM  
LATITUDE: 34.539198585  LONGITUDE: -97.932304889  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 1195.0  
TOTAL DEPTH OF WELL (FT): 110.0  
PERIOD OF RECORD: 1998 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 25.58  
MAXIMUM DEPTH TO WATER (FT): 29.62  

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
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CHANGE IN WATER LEVEL SINCE 1998 (FT): -4.04  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.83  

328
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 12 01N 10E CM
LATITUDE: 36.559390600 LONGITUDE: -101.929225700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3532.0
TOTAL DEPTH OF WELL (FT): 352.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 144.60
MAXIMUM DEPTH TO WATER (FT): 201.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -12.12
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -22.22
CHANGE IN WATER LEVEL SINCE 1966 (FT): -57.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 171.56

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 16 01N 10E CM
LATITUDE: 36.551891890 LONGITUDE: -101.996372839
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3610.0
TOTAL DEPTH OF WELL (FT): 452.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 256.50
MAXIMUM DEPTH TO WATER (FT): 256.50

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 256.50

329
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 05 01N 11BCCM
LATITUDE: 36.580692600 LONGITUDE:-101.906243400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3509.0
TOTAL DEPTH OF WELL (FT): 370.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 144.50
MAXIMUM DEPTH TO WATER (FT): 202.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.37
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -12.74
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -24.50
CHANGE IN WATER LEVEL SINCE 1966 (FT): -58.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 172.30

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 26 01N 11BCCM
LATITUDE: 36.522974800 LONGITUDE:-101.851080900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3443.0
TOTAL DEPTH OF WELL (FT): 316.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 118.00
MAXIMUM DEPTH TO WATER (FT): 158.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -5.66
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -10.56
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -16.25
CHANGE IN WATER LEVEL SINCE 1980 (FT): -30.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 140.67
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION: NW NE NE 14 01N 12E3M**

**LATITUDE:** 36.557508784 **LONGITUDE:** -101.729810056

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 3410.0

**TOTAL DEPTH OF WELL (FT):** 454.0

**PERIOD OF RECORD:** 2000 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 261.38

**MAXIMUM DEPTH TO WATER (FT):** 261.38

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 2000 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 261.38

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION: SE NW SE 35 01N 12E3M**

**LATITUDE:** 36.505292000 **LONGITUDE:** -101.733414700

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 3425.0

**TOTAL DEPTH OF WELL (FT):** 306.0

**PERIOD OF RECORD:** 1991 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 211.79

**MAXIMUM DEPTH TO WATER (FT):** 219.67

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.09

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -4.83

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -7.88

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 215.69

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331
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 10 01N 13ECM
LATITUDE: 36.569737200 LONGITUDE: -101.654595800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3327.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 153.50
MAXIMUM DEPTH TO WATER (FT): 210.96

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.12
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.59
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -12.96
CHANGE IN WATER LEVEL SINCE 1966 (FT): -57.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 186.58

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NE 01 01N 14ECM
LATITUDE: 36.584120900 LONGITUDE: -101.497950100
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 3050.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 75.23
MAXIMUM DEPTH TO WATER (FT): 84.83

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.23
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.94
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -9.60
CHANGE IN WATER LEVEL SINCE 1991 (FT): -9.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 79.91

332
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: NW NW SW 31 01N 14E CM

LATITUDE: 36.507974500 LONGITUDE: -101.600597200

WELL USE: IRRIGATION

ELEVATION OF LAND SURFACE (FT): 3281.0

TOTAL DEPTH OF WELL (FT): 320.0

PERIOD OF RECORD: 1977 TO PRESENT

MINIMUM DEPTH TO WATER (FT): 214.82

MAXIMUM DEPTH TO WATER (FT): 229.41

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.06

CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.85

CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.61

CHANGE IN WATER LEVEL SINCE 1977 (FT): -4.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 222.60

---

AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: NW NW NW 19 01N 15E CM

LATITUDE: 36.543575800 LONGITUDE: -101.491785600

WELL USE: IRRIGATION

ELEVATION OF LAND SURFACE (FT): 3162.0

TOTAL DEPTH OF WELL (FT): 322.0

PERIOD OF RECORD: 1955 TO PRESENT

MINIMUM DEPTH TO WATER (FT): 162.00

MAXIMUM DEPTH TO WATER (FT): 197.64

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.69

CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -7.24

CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -35.64

MEAN WATER LEVEL FOR PERIOD OF RECORD: 182.01

333
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NE 01 01N 16ECM
LATITUDE: 36.585614978 LONGITUDE:-101.280340994
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2910.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 114.77
MAXIMUM DEPTH TO WATER (FT): 114.77

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 114.77

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 01 01N 17ECM
LATITUDE: 36.577572100 LONGITUDE:-101.187720300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2922.0
TOTAL DEPTH OF WELL (FT): 475.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 120.25
MAXIMUM DEPTH TO WATER (FT): 139.60

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1966 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 127.94
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW SE 30 01N 17ECM  
**LATITUDE:** 36.521734500  **LONGITUDE:** -101.268382700  
**WELL USE:** OBSERVATION WELL  
**ELEVATION OF LAND SURFACE (FT):** 3030.0  
**TOTAL DEPTH OF WELL (FT):** 363.0  
**PERIOD OF RECORD:** 1971 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 165.00  
**MAXIMUM DEPTH TO WATER (FT):** 189.96

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.51  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -2.70  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -5.41  
**CHANGE IN WATER LEVEL SINCE 1971 (FT):** -19.10

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 177.91

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**AQUIFER: A & T DEPOSITS OF PALO DURO CREEK**

**LEGAL DESCRIPTION:** SE SW SW 13 01N 18ECM  
**LATITUDE:** 36.544098000  **LONGITUDE:** -101.077116400  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 2698.0  
**TOTAL DEPTH OF WELL (FT):** 27.0  
**PERIOD OF RECORD:** 1966 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 9.15  
**MAXIMUM DEPTH TO WATER (FT):** 14.15

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 1.51  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 1.41  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 2.31  
**CHANGE IN WATER LEVEL SINCE 1966 (FT):** 1.56

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.41

335
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE NW 31 01N 18E RM
LATITUDE: 36.511105600 LONGITUDE:-101.161627400
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2940.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 127.27
MAXIMUM DEPTH TO WATER (FT): 131.06

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.43
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.79
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.79
CHANGE IN WATER LEVEL SINCE 1995 (FT): 3.79

MEAN WATER LEVEL FOR PERIOD OF RECORD: 129.95

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NW SE NW 02 01N 19E RM
LATITUDE: 36.584129100 LONGITUDE:-100.985199800
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2710.0
TOTAL DEPTH OF WELL (FT): 60.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.00
MAXIMUM DEPTH TO WATER (FT): 21.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 6.79
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 5.46
CHANGE IN WATER LEVEL SINCE 1995 (FT): 5.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.95
AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: SE NW NE 34 01N 19E6M
LATITUDE: 36.511371400 LONGITUDE:-100.994955200
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2915.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 101.60
MAXIMUM DEPTH TO WATER (FT): 101.81

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.12
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): 0.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 101.71

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 06 01S 16E6M
LATITUDE: 36.500441200 LONGITUDE:-101.36761600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3115.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 235.66
MAXIMUM DEPTH TO WATER (FT): 264.42

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.02
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -7.72
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -11.32
CHANGE IN WATER LEVEL SINCE 1977 (FT): -15.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 253.36
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 20 02N 10ECM
LATITUDE: 36.624283200  LONGITUDE:-102.014519300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3645.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 183.35
MAXIMUM DEPTH TO WATER (FT): 222.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.09
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.05
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.95
CHANGE IN WATER LEVEL SINCE 1967 (FT): -19.54

MEAN WATER LEVEL FOR PERIOD OF RECORD: 205.57

---

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 34 02N 11ECM
LATITUDE: 36.591419200  LONGITUDE:-101.870442200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3470.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 147.70
MAXIMUM DEPTH TO WATER (FT): 198.92

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -12.02
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -16.42
CHANGE IN WATER LEVEL SINCE 1966 (FT): -51.22

MEAN WATER LEVEL FOR PERIOD OF RECORD: 172.95
AQUIFER: DOCKUM GROUP  
LEGAL DESCRIPTION: NE SW SW 20 02N 12ECM  
LATITUDE: 36.620703700  LONGITUDE:-101.794395900  
WELL USE: MINING  
ELEVATION OF LAND SURFACE (FT): 3375.0  
TOTAL DEPTH OF WELL (FT): 280.0  
PERIOD OF RECORD: 1991 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 132.52  
MAXIMUM DEPTH TO WATER (FT): 137.07  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.47  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.41  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): -4.55  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 135.23

AQUIFER: OGLALLA FORMATION  
LEGAL DESCRIPTION: NW NW SE 25 02N 12ECM  
LATITUDE: 36.609832700  LONGITUDE:-101.717504500  
WELL USE: IRRIGATION  
ELEVATION OF LAND SURFACE (FT): 3410.0  
TOTAL DEPTH OF WELL (FT): 332.0  
PERIOD OF RECORD: 1955 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 220.80  
MAXIMUM DEPTH TO WATER (FT): 293.98  

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.43  
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.58  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -12.16  
CHANGE IN WATER LEVEL SINCE 1955 (FT): -64.98  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 269.44
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NW 33 02N 12ECM
LATITUDE: 36.600705400 LONGITUDE:-101.776050900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3260.0
TOTAL DEPTH OF WELL (FT): 187.0
PERIOD OF RECORD: 1955 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.74
MAXIMUM DEPTH TO WATER (FT): 30.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.06
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.16
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.78
CHANGE IN WATER LEVEL SINCE 1955 (FT): 3.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.85

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 16 02N 13ECM
LATITUDE: 36.646076600 LONGITUDE:-101.672649400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3360.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 199.00
MAXIMUM DEPTH TO WATER (FT): 248.93

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.53
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.60
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -12.18
CHANGE IN WATER LEVEL SINCE 1966 (FT): -49.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 232.56
### Aquifer: Ogallala Formation

**Legal Description:** SE NE NW 36 02N 13E3M  
**Latitude:** 36.599793616  
**Longitude:** -101.611732460  
**Well Use:** Irrigation  
**Elevation of Land Surface (ft):** 3260.0  
**Total Depth of Well (ft):** 375.0  
**Period of Record:** 2000 to Present  
**Minimum Depth to Water (ft):** 190.78  
**Maximum Depth to Water (ft):** 190.78  

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**Change in Water Level from 1999 to 2000 (ft):** 0.00  
**Mean Water Level for Period of Record:** 190.78

### Aquifer: Ogallala Formation

**Legal Description:** NW NW SW 23 02N 14E3M  
**Latitude:** 36.622506600  
**Longitude:** -101.527621200  
**Well Use:** Observation Well  
**Elevation of Land Surface (ft):** 3158.0  
**Total Depth of Well (ft):** 287.0  
**Period of Record:** 1970 to Present  
**Minimum Depth to Water (ft):** 138.38  
**Maximum Depth to Water (ft):** 200.72  

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**Change in Water Level from 1999 to 2000 (ft):** -2.72  
**Change in Water Level from 1995 to 2000 (ft):** -11.92  
**Change in Water Level from 1990 to 2000 (ft):** -23.07  
**Change in Water Level since 1970 (ft):** -62.34  
**Mean Water Level for Period of Record:** 170.07
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 33 02N 14ECM
LATITUDE: 36.588250800 LONGITUDE:-101.564665800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3230.0
TOTAL DEPTH OF WELL (FT): 290.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 182.63
MAXIMUM DEPTH TO WATER (FT): 189.76

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.90
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.45
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -7.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 185.78

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 09 02N 15ECM
LATITUDE: 36.655170400 LONGITUDE:-101.456590600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3108.0
TOTAL DEPTH OF WELL (FT): 408.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 207.40
MAXIMUM DEPTH TO WATER (FT): 312.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -10.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1966 (FT): -105.05

MEAN WATER LEVEL FOR PERIOD OF RECORD: 273.91
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 29 02N 15E CM
LATITUDE: 36.611962600 LONGITUDE: -101.474687500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3112.0
TOTAL DEPTH OF WELL (FT): 440.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 204.20
MAXIMUM DEPTH TO WATER (FT): 213.36

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 

MEAN WATER LEVEL FOR PERIOD OF RECORD: 208.65

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 14 02N 16E CM
LATITUDE: 36.637036700 LONGITUDE: -101.313521300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2990.0
TOTAL DEPTH OF WELL (FT): 455.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 165.40
MAXIMUM DEPTH TO WATER (FT): 233.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -6.80
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -10.73
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -13.47
CHANGE IN WATER LEVEL SINCE 1966 (FT): -68.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 209.29
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW SW SW 07 02N 17ECM

**LATITUDE:** 36.645846000  **LONGITUDE:** -101.277536200

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2964.0

**TOTAL DEPTH OF WELL (FT):** 473.0

**PERIOD OF RECORD:** 1966 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 171.00

**MAXIMUM DEPTH TO WATER (FT):** 211.30

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -2.93

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -8.30

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -9.00

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -26.68

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 190.39

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW SW 28 02N 17ECM

**LATITUDE:** 36.605168400  **LONGITUDE:** -101.237784000

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 2880.0

**TOTAL DEPTH OF WELL (FT):** 220.0

**PERIOD OF RECORD:** 1995 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 112.90

**MAXIMUM DEPTH TO WATER (FT):** 113.71

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.24

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.69

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -0.69

**CHANGE IN WATER LEVEL SINCE 1995 (FT):** -0.69

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 113.40
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 14 02N 18ECM
LATITUDE: 36.631204700 LONGITUDE:-101.084388400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2822.0
TOTAL DEPTH OF WELL (FT): 312.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 120.96
MAXIMUM DEPTH TO WATER (FT): 162.89

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -9.19
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.68
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -12.29
CHANGE IN WATER LEVEL SINCE 1966 (FT): -15.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 141.05

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 27 02N 18ECM
LATITUDE: 36.610093000 LONGITUDE:-101.114941000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2837.0
TOTAL DEPTH OF WELL (FT): 293.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 122.00
MAXIMUM DEPTH TO WATER (FT): 153.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.80
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.18
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -11.50
CHANGE IN WATER LEVEL SINCE 1966 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 139.34

345
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 30 02N 18ECM
LATITUDE: 36.608810600 LONGITUDE: -101.169804400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2896.0
TOTAL DEPTH OF WELL (FT): 482.0
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 157.90
MAXIMUM DEPTH TO WATER (FT): 186.13

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.64
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.27
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.17
CHANGE IN WATER LEVEL SINCE 1956 (FT): -8.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 170.11

AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW NW NW 11 03N 10ECM
LATITUDE: 36.746763700 LONGITUDE: -101.959172200
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 3570.0
TOTAL DEPTH OF WELL (FT): 194.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 118.91
MAXIMUM DEPTH TO WATER (FT): 138.76

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.22
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.67
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.19
CHANGE IN WATER LEVEL SINCE 1966 (FT): -11.31

MEAN WATER LEVEL FOR PERIOD OF RECORD: 128.18
AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: SE SE SE 29 03N 10ECM
LATITUDE: 36.690178900 LONGITUDE:-101.997175400
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 3631.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 160.00
MAXIMUM DEPTH TO WATER (FT): 160.36

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.06
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -0.36

MEAN WATER LEVEL FOR PERIOD OF RECORD: 160.22

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 14 03N 11ECM
LATITUDE: 36.726398700 LONGITUDE:-101.850618200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3460.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1998 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 96.54
MAXIMUM DEPTH TO WATER (FT): 97.32

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1998 (FT): -0.78

MEAN WATER LEVEL FOR PERIOD OF RECORD: 97.00
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 18 03N 11E CM
LATITUDE: 36.722154700 LONGITUDE:-101.924338000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  3565.0
TOTAL DEPTH OF WELL (FT):  200.0
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  90.00
MAXIMUM DEPTH TO WATER (FT):  171.91

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -0.31
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -2.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  -7.69
CHANGE IN WATER LEVEL SINCE 1956 (FT):  -81.91
MEAN WATER LEVEL FOR PERIOD OF RECORD:  158.74

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 32 03N 11E CM
LATITUDE: 36.678171800 LONGITUDE:-101.905214700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  3525.0
TOTAL DEPTH OF WELL (FT):  194.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  141.10
MAXIMUM DEPTH TO WATER (FT):  149.47

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -6.62
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  -2.94.
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT):  1.75
MEAN WATER LEVEL FOR PERIOD OF RECORD:  145.64

348
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 12 03N 12E CM
LATITUDE: 36.744015700 LONGITUDE: -101.723121100
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3350.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 167.50
MAXIMUM DEPTH TO WATER (FT): 168.35

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.18
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.18
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.51
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 168.05

AQUIFER: MORRISON-DOCKUM FORMATIONS
LEGAL DESCRIPTION: NW NW NW 14 03N 13E CM
LATITUDE: 36.733377800 LONGITUDE: -101.635241900
WELL USE: INDUSTRIAL
ELEVATION OF LAND SURFACE (FT): 3210.0
TOTAL DEPTH OF WELL (FT): 345.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 74.85
MAXIMUM DEPTH TO WATER (FT): 82.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.68
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.15
CHANGE IN WATER LEVEL SINCE 1991 (FT): 1.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 76.99
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 25 03N 14E RM
LATITUDE: 36.690773600 LONGITUDE: -101.496712200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3030.0
TOTAL DEPTH OF WELL (FT): 224.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 76.49
MAXIMUM DEPTH TO WATER (FT): 100.95

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -12.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -19.00
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -22.83
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 84.71

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NW 15 03N 15E RM
LATITUDE: 36.732783000 LONGITUDE: -101.431977600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2935.0
TOTAL DEPTH OF WELL (FT): 336.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 42.34
MAXIMUM DEPTH TO WATER (FT): 49.16

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.82
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 45.39
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NW 34 03N 15E00
LATITUDE: 36.685690100 LONGITUDE: -101.438525700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3087.0
TOTAL DEPTH OF WELL (FT): 541.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 250.94
MAXIMUM DEPTH TO WATER (FT): 265.89

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -14.89
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1991 (FT): -13.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 254.43

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SW 02 03N 16E00
LATITUDE: 36.750633000 LONGITUDE: -101.305748600
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2962.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 94.78
MAXIMUM DEPTH TO WATER (FT): 95.94

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.04
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.16
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -1.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 95.40
**TEXAS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NE NE 28 03N 16ECM  
**LATITUDE:** 36.700593800  **LONGITUDE:** -101.332543100  
**WELL USE:** DOMESTIC  
**ELEVATION OF LAND SURFACE (FT):** 2998.0  
**TOTAL DEPTH OF WELL (FT):** 148.0  
**PERIOD OF RECORD:** 1966 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 97.60  
**MAXIMUM DEPTH TO WATER (FT):** 124.79

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.18  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 3.76  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 6.71  
**CHANGE IN WATER LEVEL SINCE 1966 (FT):** 26.40  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 112.96

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW NE SE 03 03N 18ECM  
**LATITUDE:** 36.752882600  **LONGITUDE:** -101.100535200  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 2850.0  
**TOTAL DEPTH OF WELL (FT):** 240.0  
**PERIOD OF RECORD:** 1991 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 97.92  
**MAXIMUM DEPTH TO WATER (FT):** 102.64

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**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.86  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -3.15  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -3.15  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 100.47

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352
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SE 17 03N 18E1M
LATITUDE: 36.721965500 LONGITUDE: -101.136420500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2860.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 102.50
MAXIMUM DEPTH TO WATER (FT): 106.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.45
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1992 (FT): -3.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 104.83

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 11 03N 19E1M
LATITUDE: 36.742008100 LONGITUDE: -100.985939600
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2765.0
TOTAL DEPTH OF WELL (FT): 260.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 92.05
MAXIMUM DEPTH TO WATER (FT): 93.71

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.10
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 92.92
AQUIFER: OGA LALLA FORMATION
LEGAL DESCRIPTION: SW NE NW 21 03N 19E CM
LATITUDE: 36.714897500 LONGITUDE: -101.021392700
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2780.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 97.70
MAXIMUM DEPTH TO WATER (FT): 99.18

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.11
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.48
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1992 (FT): 0.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 98.41

AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW NW NE 08 04N 10E CM
LATITUDE: 36.834771000 LONGITUDE: -102.004740700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3675.0
TOTAL DEPTH OF WELL (FT): 386.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 216.49
MAXIMUM DEPTH TO WATER (FT): 222.20

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.90
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -3.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 219.20
AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NE SW NW 30 04N 10E6M
LATITUDE: 36.786315100 LONGITUDE: -102.029334600
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3682.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 151.75
MAXIMUM DEPTH TO WATER (FT): 159.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.43
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): 7.75

MEAN WATER LEVEL FOR PERIOD OF RECORD: 153.88

AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW NW NW 10 04N 11E6M
LATITUDE: 36.834023300 LONGITUDE: -101.870719200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3548.0
TOTAL DEPTH OF WELL (FT): 3548.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 150.10
MAXIMUM DEPTH TO WATER (FT): 193.85

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.60
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.35
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.25
CHANGE IN WATER LEVEL SINCE 1966 (FT): -26.75

MEAN WATER LEVEL FOR PERIOD OF RECORD: 164.63
AQUIFER: MORRISON-DOCKUM FORMATIONS
LEGAL DESCRIPTION: SW NW NW 07 04N 13E CM
LATITUDE: 36.832111500 LONGITUDE: -101.708677800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3360.0
TOTAL DEPTH OF WELL (FT): 313.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 144.10
MAXIMUM DEPTH TO WATER (FT): 154.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.86
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -9.15
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.25
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 149.10

AQUIFER: OGLALLA FORMATION
LEGAL DESCRIPTION: NW NW SE 03 04N 14E CM
LATITUDE: 36.842113700 LONGITUDE: -101.537221300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3250.0
TOTAL DEPTH OF WELL (FT): 363.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 180.40
MAXIMUM DEPTH TO WATER (FT): 254.20

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.60
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.40
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -17.36
CHANGE IN WATER LEVEL SINCE 1966 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 220.79

356
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NE 14 04N 14E9M
LATITUDE: 36.813499500 LONGITUDE: -101.510518400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3193.0
TOTAL DEPTH OF WELL (FT): 273.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 180.10
MAXIMUM DEPTH TO WATER (FT): 196.49

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CHANGE IN WATER LEVEL SINCE 1966 (FT): 
MEAN WATER LEVEL FOR PERIOD OF RECORD: 187.07

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 25 04N 15E9M
LATITUDE: 36.783318200 LONGITUDE: -101.392569200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3080.0
TOTAL DEPTH OF WELL (FT): 468.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 137.49
MAXIMUM DEPTH TO WATER (FT): 211.32

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -11.52
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -27.23
CHANGE IN WATER LEVEL SINCE 1966 (FT): -69.42
MEAN WATER LEVEL FOR PERIOD OF RECORD: 172.30
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NE 28 04N 15E CM
LATITUDE: 36.784606600 LONGITUDE: -101.447467800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3110.0
TOTAL DEPTH OF WELL (FT): 510.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 151.20
MAXIMUM DEPTH TO WATER (FT): 228.39

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CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1966 (FT): 
MEAN WATER LEVEL FOR PERIOD OF RECORD: 189.88

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 05 04N 16E CM
LATITUDE: 36.836568000 LONGITUDE: -101.367222400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3087.0
TOTAL DEPTH OF WELL (FT): 627.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 113.95
MAXIMUM DEPTH TO WATER (FT): 207.62

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.32
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -16.17
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -29.66
CHANGE IN WATER LEVEL SINCE 1966 (FT): -93.67
MEAN WATER LEVEL FOR PERIOD OF RECORD: 158.81
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SE 22 04N 16ECM
LATITUDE: 36.794062400 LONGITUDE:-101.322766200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3003.0
TOTAL DEPTH OF WELL (FT): 264.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 100.20
MAXIMUM DEPTH TO WATER (FT): 126.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.50
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.85
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.16
CHANGE IN WATER LEVEL SINCE 1966 (FT): -24.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.27

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 03 04N 17ECM
LATITUDE: 36.837913700 LONGITUDE:-101.223543900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2975.0
TOTAL DEPTH OF WELL (FT): 486.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 113.30
MAXIMUM DEPTH TO WATER (FT): 148.22

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.45
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.26
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.05
CHANGE IN WATER LEVEL SINCE 1966 (FT): -32.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 133.12
**TEXAS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE NE NE 23 04N 17E1C

**LATITUDE:** 36.805197900  **LONGITUDE:** -101.188546200

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2943.0

**TOTAL DEPTH OF WELL (FT):** 567.0

**PERIOD OF RECORD:** 1966 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 108.50

**MAXIMUM DEPTH TO WATER (FT):** 175.48

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -3.01

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -13.71

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -66.98

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 144.15

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE SE NE 33 04N 17E1C

**LATITUDE:** 36.769074700  **LONGITUDE:** -101.224860000

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2942.0

**TOTAL DEPTH OF WELL (FT):** 491.0

**PERIOD OF RECORD:** 1966 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 121.80

**MAXIMUM DEPTH TO WATER (FT):** 177.44

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -3.36

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -8.42

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -55.64

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 153.76

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360
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 25 04N 18E CM
LATITUDE: 36.783543800 LONGITUDE: -101.079237000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2855.0
TOTAL DEPTH OF WELL (FT): 355.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 94.20
MAXIMUM DEPTH TO WATER (FT): 123.25

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.78
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -4.98
CHANGE IN WATER LEVEL SINCE 1966 (FT): -23.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 110.15

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NW 31 04N 18E CM
LATITUDE: 36.774420978 LONGITUDE: -101.169572800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2910.0
TOTAL DEPTH OF WELL (FT): 540.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 156.32
MAXIMUM DEPTH TO WATER (FT): 156.32

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 156.32
**TEXAS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NW SE 03 04N 19E CM  
**LATITUDE:** 36.838428600  **LONGITUDE:** -100.994546400  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 2811.0  
**TOTAL DEPTH OF WELL (FT):** 280.0  
**PERIOD OF RECORD:** 1991 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 127.32  
**MAXIMUM DEPTH TO WATER (FT):** 130.99  

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.86  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.17  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -2.45  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 129.31

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE NE NW 34 04N 19E CM  
**LATITUDE:** 36.776113500  **LONGITUDE:** -100.999666200  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 2800.0  
**TOTAL DEPTH OF WELL (FT):** 248.0  
**PERIOD OF RECORD:** 1998 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 110.27  
**MAXIMUM DEPTH TO WATER (FT):** 111.60

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.83  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1998 (FT):** 1.33  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 110.99
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NE 12 05N 10E CM
LATITUDE: 36.918092300 LONGITUDE: -101.928855300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3655.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 280.00
MAXIMUM DEPTH TO WATER (FT): 289.20

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.34
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -7.20
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  
CHANGE IN WATER LEVEL SINCE 1992 (FT): 2.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 283.53

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 16 05N 11E CM
LATITUDE: 36.901417800 LONGITUDE: -101.883939000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3593.0
TOTAL DEPTH OF WELL (FT): 334.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 201.55
MAXIMUM DEPTH TO WATER (FT): 249.05

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -4.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -10.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -14.25
CHANGE IN WATER LEVEL SINCE 1966 (FT): -47.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 231.22
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NW 06 05N 12ECM
LATITUDE: 36.935731600 LONGITUDE:-101.804354300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3516.0
TOTAL DEPTH OF WELL (FT): 320.0
PERIOD OF RECORD: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 210.38
MAXIMUM DEPTH TO WATER (FT): 267.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.24
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.30
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.90
CHANGE IN WATER LEVEL SINCE 1968 (FT): -48.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 246.80

AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW NW NW 16 05N 12ECCM
LATITUDE: 36.906756400 LONGITUDE:-101.775775400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3493.0
TOTAL DEPTH OF WELL (FT): 340.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 201.30
MAXIMUM DEPTH TO WATER (FT): 260.08

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.58
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.38
CHANGE IN WATER LEVEL SINCE 1966 (FT): -52.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 238.60
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NE 31 05N 14ECM
LATITUDE: 36.855923200 LONGITUDE:-101.586322400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3292.0
TOTAL DEPTH OF WELL (FT): 367.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 172.80
MAXIMUM DEPTH TO WATER (FT): 232.14

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.81
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.29
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -7.39
CHANGE IN WATER LEVEL SINCE 1966 (FT): -46.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 200.53

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE SE 20 05N 15ECM
LATITUDE: 36.884906300 LONGITUDE:-101.451684800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3151.0
TOTAL DEPTH OF WELL (FT): 353.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 138.20
MAXIMUM DEPTH TO WATER (FT): 248.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -31.70
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -41.42
CHANGE IN WATER LEVEL SINCE 1966 (FT): -110.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 185.33
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 30 05N 15ECM
LATITUDE: 36.871381400 LONGITUDE:-101.486840100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3175.0
TOTAL DEPTH OF WELL (FT): 451.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 246.15
MAXIMUM DEPTH TO WATER (FT): 257.57

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.95
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): -11.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 252.86

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 05 05N 16ECM
LATITUDE: 36.928212686 LONGITUDE:-101.360366194
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3134.0
TOTAL DEPTH OF WELL (FT): 615.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 221.39
MAXIMUM DEPTH TO WATER (FT): 221.39

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 221.39

366
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 19 05N 16 ECM
LATITUDE: 36.878152256 LONGITUDE: -101.378631546
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3110.0
TOTAL DEPTH OF WELL (FT): 614.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 220.18
MAXIMUM DEPTH TO WATER (FT): 220.18

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 220.18

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 25 05N 16 ECM
LATITUDE: 36.874082700 LONGITUDE: -101.284556700
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3045.0
TOTAL DEPTH OF WELL (FT): 360.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 128.61
MAXIMUM DEPTH TO WATER (FT): 132.21

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.23
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.78
CHANGE IN WATER LEVEL SINCE 1991 (FT): -2.78
MEAN WATER LEVEL FOR PERIOD OF RECORD: 129.63
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW SW 17 05N 17BCM
LATITUDE: 36.898218000  LONGITUDE: -101.250335200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3030.0
TOTAL DEPTH OF WELL (FT): 506.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 124.92
MAXIMUM DEPTH TO WATER (FT): 140.06

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.92
CHANGE IN WATER LEVEL SINCE 1966 (FT): -4.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 130.12

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NE 27 05N 17ECM
LATITUDE: 36.875514100  LONGITUDE: -101.207283900
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2986.0
TOTAL DEPTH OF WELL (FT): 343.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 112.85
MAXIMUM DEPTH TO WATER (FT): 142.51

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.78
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -10.56
CHANGE IN WATER LEVEL SINCE 1966 (FT): -29.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 126.81
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW SE 02 05N 18E6M

**LATITUDE:** 36.928277800  **LONGITUDE:** -101.080761000

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 2894.0

**TOTAL DEPTH OF WELL (FT):** 360.0

**PERIOD OF RECORD:** 1966 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 53.00

**MAXIMUM DEPTH TO WATER (FT):** 170.87

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 3.77

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -20.30

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -34.92

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -114.10

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 121.24

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NE SE 19 05N 18E6M

**LATITUDE:** 36.881475100  **LONGITUDE:** -101.144519900

**WELL USE:** MINING

**ELEVATION OF LAND SURFACE (FT):** 2910.0

**TOTAL DEPTH OF WELL (FT):** 340.0

**PERIOD OF RECORD:** 1991 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 90.31

**MAXIMUM DEPTH TO WATER (FT):** 94.97

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.12

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -2.18

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -4.54

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 93.03

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### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SW SW NE 28 05N 18ECM  
**LATITUDE:** 36.871401300  **LONGITUDE:** -101.116801100  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 2905.0  
**TOTAL DEPTH OF WELL (FT):** 548.0  
**PERIOD OF RECORD:** 1998 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 121.38  
**MAXIMUM DEPTH TO WATER (FT):** 124.88

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 3.50  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1998 (FT):** 1.85

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 123.16

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW NW NE 07 05N 19E6CM  
**LATITUDE:** 36.921006500  **LONGITUDE:** -101.044539300  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 2877.0  
**TOTAL DEPTH OF WELL (FT):** 595.0  
**PERIOD OF RECORD:** 1981 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 148.89  
**MAXIMUM DEPTH TO WATER (FT):** 207.00

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 5.10  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -18.16  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -27.84  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** -51.91

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 174.77

370
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE SE 24 05N 19S CM
LATITUDE: 36.884296800 LONGITUDE: -100.947175300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2793.0
TOTAL DEPTH OF WELL (FT): 543.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 114.00
MAXIMUM DEPTH TO WATER (FT): 123.84

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.29
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -5.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -9.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.08

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 18 06N 10S CM
LATITUDE: 36.992984500 LONGITUDE: -102.027343600
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 3691.0
TOTAL DEPTH OF WELL (FT): 272.0
PERIOD OF RECORD: 1971 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 183.05
MAXIMUM DEPTH TO WATER (FT): 223.11

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.02
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -16.15
CHANGE IN WATER LEVEL SINCE 1971 (FT): -30.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 204.41
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 30 06N 10ECM
LATITUDE: 36.951170500  LONGITUDE: -102.027617400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3728.0
TOTAL DEPTH OF WELL (FT): 355.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 222.30
MAXIMUM DEPTH TO WATER (FT): 239.51

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.03
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -4.69
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.61
CHANGE IN WATER LEVEL SINCE 1966 (FT): -15.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 229.66

---

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 30 06N 10ECM
LATITUDE: 36.943353700  LONGITUDE: -101.928854200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3678.0
TOTAL DEPTH OF WELL (FT): 400.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 260.10
MAXIMUM DEPTH TO WATER (FT): 331.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.04
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -10.69
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -21.19
CHANGE IN WATER LEVEL SINCE 1966 (FT): -71.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 302.43
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 17 06N 11E CM
LATITUDE: 36.982448100 LONGITUDE:-101.901859800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3655.0
TOTAL DEPTH OF WELL (FT): 357.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 249.65
MAXIMUM DEPTH TO WATER (FT): 311.85

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 11.75
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -7.75
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -62.20
CHANGE IN WATER LEVEL SINCE 1967 (FT): -288.58
MEAN WATER LEVEL FOR PERIOD OF RECORD: 288.58

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 26 06N 11E CM
LATITUDE: 36.959923800 LONGITUDE:-101.847789700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3583.0
TOTAL DEPTH OF WELL (FT): 423.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 210.40
MAXIMUM DEPTH TO WATER (FT): 301.00

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.87
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -7.69
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -26.79
CHANGE IN WATER LEVEL SINCE 1966 (FT): -85.19
MEAN WATER LEVEL FOR PERIOD OF RECORD: 273.33
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 15 06N 12E0M
LATITUDE: 36.979980200 LONGITUDE: -101.748191500
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 3487.0
TOTAL DEPTH OF WELL (FT): 340.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 276.76
MAXIMUM DEPTH TO WATER (FT): 281.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.74
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.59
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -4.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 279.20

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 35 06N 12E0M
LATITUDE: 36.935925400 LONGITUDE: -101.739514600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3460.0
TOTAL DEPTH OF WELL (FT): 327.0
PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 271.18
MAXIMUM DEPTH TO WATER (FT): 280.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 6.82
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1992 (FT): 0.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 274.49
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 29 06N 13ECM
LATITUDE: 36.953474900 LONGITUDE: -101.685713500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3418.0
TOTAL DEPTH OF WELL (FT): 383.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 347.60
MAXIMUM DEPTH TO WATER (FT): 350.58

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.81
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.98
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1995 (FT): -2.98

MEAN WATER LEVEL FOR PERIOD OF RECORD: 348.98

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NE 21 06N 14ECM
LATITUDE: 36.973809900 LONGITUDE: -101.550279300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3300.0
TOTAL DEPTH OF WELL (FT): 423.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 213.70
MAXIMUM DEPTH TO WATER (FT): 241.40

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 7.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 11.70
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.80
CHANGE IN WATER LEVEL SINCE 1966 (FT): -16.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 233.38
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NE 30 06N 15ECM
LATITUDE: 36.959142600 LONGITUDE: -101.478144400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3166.0
TOTAL DEPTH OF WELL (FT): 414.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 173.13
MAXIMUM DEPTH TO WATER (FT): 252.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.49
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -12.05
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -79.85
CHANGE IN WATER LEVEL SINCE 1966 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 214.09

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NW 33 06N 15ECM
LATITUDE: 36.946511800 LONGITUDE: -101.450934600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3186.0
TOTAL DEPTH OF WELL (FT): 412.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 180.45
MAXIMUM DEPTH TO WATER (FT): 221.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.09
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -21.99
CHANGE IN WATER LEVEL SINCE 1981 (FT): -41.14
MEAN WATER LEVEL FOR PERIOD OF RECORD: 202.03
## AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SE SE SW 27 06N 16ECM  
**LATITUDE:** 36.950807000 **LONGITUDE:** -101.316174400  
**WELL USE:** MINING  
**ELEVATION OF LAND SURFACE (FT):** 3110.0  
**TOTAL DEPTH OF WELL (FT):** 280.0  
**PERIOD OF RECORD:** 1991 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 118.06  
**MAXIMUM DEPTH TO WATER (FT):** 124.37

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.05  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -3.32  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -6.31  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -6.31  
**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 120.97

## AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW NW SE 14 06N 17ECM  
**LATITUDE:** 36.986030600 **LONGITUDE:** -101.188716000  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 3037.0  
**TOTAL DEPTH OF WELL (FT):** 435.0  
**PERIOD OF RECORD:** 1966 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 116.44  
**MAXIMUM DEPTH TO WATER (FT):** 155.48

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -1.38  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -8.17  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -19.17  
**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -31.23  
**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 136.45
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 32 06N 17ECM
LATITUDE: 36.949361766  LONGITUDE: -101.234626257
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3045.0
TOTAL DEPTH OF WELL (FT): 655.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 123.08
MAXIMUM DEPTH TO WATER (FT): 123.08

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 2000 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 123.08

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 14 06N 18ECM
LATITUDE: 36.986511300  LONGITUDE: -101.072432400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2940.0
TOTAL DEPTH OF WELL (FT): 482.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 108.68
MAXIMUM DEPTH TO WATER (FT): 127.30

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.88
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -11.94
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -11.38
CHANGE IN WATER LEVEL SINCE 1991 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 117.47

378
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 15 06N 19E6M
LATITUDE: 36.979577500 LONGITUDE:-100.999459000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2889.0
TOTAL DEPTH OF WELL (FT): 437.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 83.72
MAXIMUM DEPTH TO WATER (FT): 115.46

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.61
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -6.68
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -12.40
CHANGE IN WATER LEVEL SINCE 1966 (FT): -30.56

MEAN WATER LEVEL FOR PERIOD OF RECORD: 97.19

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 15 06N 19E6M
LATITUDE: 36.944752900 LONGITUDE:-100.945761500
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2825.0
TOTAL DEPTH OF WELL (FT): 570.0
PERIOD OF RECORD: 1995 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 119.43
MAXIMUM DEPTH TO WATER (FT): 122.72

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -3.29
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CHANGE IN WATER LEVEL SINCE 1995 (FT): -3.29

MEAN WATER LEVEL FOR PERIOD OF RECORD: 121.14
**TILLMAN COUNTY**

**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** SW SW SE 30 01N 17W1M

**LATITUDE:** 34.522477636  **LONGITUDE:** -99.024528522

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1355.0

**TOTAL DEPTH OF WELL (FT):** 28.0

**PERIOD OF RECORD:** 1977 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 8.35

**MAXIMUM DEPTH TO WATER (FT):** 18.54

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -4.86

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.11

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -0.74

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 1.84

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 13.32

---

**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** NE NW SW 01 01N 18W1M

**LATITUDE:** 34.587252367  **LONGITUDE:** -99.049127840

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 1305.0

**TOTAL DEPTH OF WELL (FT):** 42.0

**PERIOD OF RECORD:** 1953 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 4.87

**MAXIMUM DEPTH TO WATER (FT):** 15.51

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.20

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -0.34

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -0.28

**CHANGE IN WATER LEVEL SINCE 1953 (FT):** 2.05

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.08
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW SW 11 01N 18WIM
LATITUDE: 34.572579158 LONGITUDE: -99.070945427
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1304.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.87
MAXIMUM DEPTH TO WATER (FT): 17.25

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.46
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.71
CHANGE IN WATER LEVEL SINCE 1977 (FT): -0.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.16

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NE NE 24 01N 19WIM
LATITUDE: 34.550849064 LONGITUDE: -99.143480559
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1294.0
TOTAL DEPTH OF WELL (FT): 54.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.85
MAXIMUM DEPTH TO WATER (FT): 31.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.35
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.52
CHANGE IN WATER LEVEL SINCE 1975 (FT): 6.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.42
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW SW 06 01S 17W1M
LATITUDE: 34.498713952 LONGITUDE: -99.027178075
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1370.0
TOTAL DEPTH OF WELL (FT): 58.0
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 25.01
MAXIMUM DEPTH TO WATER (FT): 33.79

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.65
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.55
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.45
CHANGE IN WATER LEVEL SINCE 1984 (FT): 5.98

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.86

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SE 10 01S 18W1M
LATITUDE: 34.479044322 LONGITUDE: -99.071524083
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1380.0
TOTAL DEPTH OF WELL (FT): 58.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.34
MAXIMUM DEPTH TO WATER (FT): 28.33

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.77
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.40
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.93
CHANGE IN WATER LEVEL SINCE 1977 (FT): 6.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.77
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 33 01S 18W1M
LATITUDE: 34.435376495 LONGITUDE: -99.080523768
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1350.0
TOTAL DEPTH OF WELL (FT): 50.0
PERIOD OF RECORD: 1969 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.41
MAXIMUM DEPTH TO WATER (FT): 28.43

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.10
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.69
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.02
CHANGE IN WATER LEVEL SINCE 1969 (FT): 8.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.19

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE NE NE 03 01S 19W1M
LATITUDE: 34.503965081 LONGITUDE: -99.168435879
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1266.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1969 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.45
MAXIMUM DEPTH TO WATER (FT): 35.24

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.79
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.72
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.53
CHANGE IN WATER LEVEL SINCE 1969 (FT): 17.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.31
TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NW NW 09 01S 19W1M
LATITUDE: 34.492322265 LONGITUDE: -99.198520854
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1246.0
TOTAL DEPTH OF WELL (FT): 38.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.80
MAXIMUM DEPTH TO WATER (FT): 15.24

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.26
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.93
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.71
CHANGE IN WATER LEVEL SINCE 1977 (FT): -1.28

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.87

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE SE SE 14 01S 19W1M
LATITUDE: 34.467813392 LONGITUDE: -99.149943743
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1273.0
TOTAL DEPTH OF WELL (FT): 43.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.39
MAXIMUM DEPTH TO WATER (FT): 24.55

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.58
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.62
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.98
CHANGE IN WATER LEVEL SINCE 1981 (FT): 8.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.00
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE SE 25 01S 19WIM
LATITUDE: 34.442736816 LONGITUDE: -99.13379989
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1277.0
TOTAL DEPTH OF WELL (FT): 54.0
PERIOD OF RECORD: 1945 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.51
MAXIMUM DEPTH TO WATER (FT): 34.24

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.23
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.96
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.37
CHANGE IN WATER LEVEL SINCE 1945 (FT): 6.12

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.66

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE SE SE 19 02N 17WIM
LATITUDE: 34.626054701 LONGITUDE: -99.018818199
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1320.0
TOTAL DEPTH OF WELL (FT): 47.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.00
MAXIMUM DEPTH TO WATER (FT): 29.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.05
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.90
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.53
CHANGE IN WATER LEVEL SINCE 1977 (FT): 11.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.86
TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SE 04 02S 18WIM
LATITUDE: 34.408011478 LONGITUDE: -99.087358027
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1350.0
TOTAL DEPTH OF WELL (FT): 65.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 34.99
MAXIMUM DEPTH TO WATER (FT): 53.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.24
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.38
CHANGE IN WATER LEVEL SINCE 1977 (FT): 17.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.64

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE NE 06 02S 19WIM
LATITUDE: 34.413961806 LONGITUDE: -99.221524442
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1220.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.89
MAXIMUM DEPTH TO WATER (FT): 7.87

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.46
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.22
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.18
CHANGE IN WATER LEVEL SINCE 1977 (FT): -2.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.71
AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW SW NW 13 02S 19WIM
LATITUDE: 34.386804897 LONGITUDE: -99.148715579
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1279.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 26.42
MAXIMUM DEPTH TO WATER (FT): 36.07

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.53
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.01
CHANGE IN WATER LEVEL SINCE 1977 (FT): 8.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.57

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW NW SE 35 02S 19WIM
LATITUDE: 34.338306903 LONGITUDE: -99.154334892
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1261.0
TOTAL DEPTH OF WELL (FT): 
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.30
MAXIMUM DEPTH TO WATER (FT): 24.12

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.23
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.56
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.04
CHANGE IN WATER LEVEL SINCE 1984 (FT): 1.98

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.64

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TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW SW SW 30 03S 17WIM
LATITUDE: 34.247247445 LONGITUDE: -99.010243132
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1150.0
TOTAL DEPTH OF WELL (FT): 35.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.51
MAXIMUM DEPTH TO WATER (FT): 27.99

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.79
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -2.50
CHANGE IN WATER LEVEL SINCE 1983 (FT): -0.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.39

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW SW SE 32 03S 18WIM
LATITUDE: 34.247560972 LONGITUDE: -99.106339855
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1180.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1969 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 18.75
MAXIMUM DEPTH TO WATER (FT): 33.14

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.60
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.15
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.54
CHANGE IN WATER LEVEL SINCE 1969 (FT): 4.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.27
**TILLMAN COUNTY (CONTINUED)**

**AQUIFER: A & T DEPOSITS OF THE RED RIVER**
**LEGAL DESCRIPTION: NW NW NW 23 03S 19WIM**
LATITUDE: 34.290920600 LONGITUDE: -99.167184282
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1227.0
TOTAL DEPTH OF WELL (FT): 40.0
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.61
MAXIMUM DEPTH TO WATER (FT): 28.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -2.37
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.96
CHANGE IN WATER LEVEL SINCE 1984 (FT): 4.64

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.48

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**AQUIFER: A & T DEPOSITS OF THE RED RIVER**
**LEGAL DESCRIPTION: NW SE SE 34 04S 15WIM**
LATITUDE: 34.162441000 LONGITUDE: -98.752412000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1129.0
TOTAL DEPTH OF WELL (FT): 66.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.85
MAXIMUM DEPTH TO WATER (FT): 23.85

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CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.85

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TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW NW NW 12 04S 18WIM
LATITUDE: 34.230560832 LONGITUDE: -99.045289724
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1160.0
TOTAL DEPTH OF WELL (FT): 64.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 31.55
MAXIMUM DEPTH TO WATER (FT): 35.32

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.58
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.47
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.51
CHANGE IN WATER LEVEL SINCE 1981 (FT): -2.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 33.40

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NW SE NE 01 04S 19WIM
LATITUDE: 34.243650514 LONGITUDE: -99.136924145
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1186.0
TOTAL DEPTH OF WELL (FT): 67.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.81
MAXIMUM DEPTH TO WATER (FT): 37.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -1.37
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CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.09
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NE SW 07 17N 14EIM
LATITUDE: 35.964793218 LONGITUDE: -95.863085580
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 601.0
TOTAL DEPTH OF WELL (FT): 40.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.73
MAXIMUM DEPTH TO WATER (FT): 16.48

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1997 (FT): -1.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.69
WAGONER COUNTY

AQUIFER: A & T DEPOSITS OF VERDIGRIS RIVER
LEGAL DESCRIPTION: NE NE NE 15 16N 18EIM
LATITUDE: 35.871210113 LONGITUDE: -95.376229886
WELL USE: UNKNOWN
ELEVATION OF LAND SURFACE (FT): 518.0
TOTAL DEPTH OF WELL (FT): 34.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 4.11
MAXIMUM DEPTH TO WATER (FT): 8.19

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.98
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.98
CHANGE IN WATER LEVEL SINCE 1977 (FT): 2.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.16
**AQUIFER:** CANEY RIVER ALLUVIUM  
**LEGAL DESCRIPTION:** SE SE SW 22 25W 13EIM  
**LATITUDE:** 36.626921212  **LONGITUDE:** -95.905464974  
**WELL USE:** OBSERVATION WELL  
**ELEVATION OF LAND SURFACE (FT):** 650.0  
**TOTAL DEPTH OF WELL (FT):**  
**PERIOD OF RECORD: 1986 TO PRESENT**  
**MINIMUM DEPTH TO WATER (FT):** 5.99  
**MAXIMUM DEPTH TO WATER (FT):** 25.06  

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.20  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -15.61  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** -14.70  
**CHANGE IN WATER LEVEL SINCE 1986 (FT):** -13.90  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.13

---

**AQUIFER:** CANEY RIVER ALLUVIUM  
**LEGAL DESCRIPTION:** NE NE SE 23 25W 13EIM  
**LATITUDE:** 36.632612439  **LONGITUDE:** -95.883555794  
**WELL USE:** DOMESTIC  
**ELEVATION OF LAND SURFACE (FT):** 637.0  
**TOTAL DEPTH OF WELL (FT):** 33.0  
**PERIOD OF RECORD: 1979 TO PRESENT**  
**MINIMUM DEPTH TO WATER (FT):** 6.11  
**MAXIMUM DEPTH TO WATER (FT):** 26.36  

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** -0.24  
**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** -1.60  
**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 0.53  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 5.06  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 18.15
AQUIFER: CHANUTE FORMATION
LEGAL DESCRIPTION: NW NW SW 13 27N 13EIM
LATITUDE: 36.820643843 LONGITUDE: -95.880749583
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 755.0
TOTAL DEPTH OF WELL (FT): 21.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.42
MAXIMUM DEPTH TO WATER (FT): 14.68

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.94
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.19
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.46
CHANGE IN WATER LEVEL SINCE 1977 (FT): 2.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.95

AQUIFER: WANN FORMATION
LEGAL DESCRIPTION: SW SE SW 01 28N 13EIM
LATITUDE: 36.932393245 LONGITUDE: -95.876218390
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 830.0
TOTAL DEPTH OF WELL (FT): 55.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.90
MAXIMUM DEPTH TO WATER (FT): 19.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.56
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.27
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.24
CHANGE IN WATER LEVEL SINCE 1979 (FT): 6.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.43
WASHITA COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SE SW 10 08N 16WIM
LATITUDE: 35.175364464 LONGITUDE: -98.87484255
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1550.0
TOTAL DEPTH OF WELL (FT): 305.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 29.57
MAXIMUM DEPTH TO WATER (FT): 38.02

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.19
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.76
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): ______
CHANGE IN WATER LEVEL SINCE 1991 (FT): 7.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.93

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SW SE 27 09N 14WIM
LATITUDE: 35.220289668 LONGITUDE: -98.663353884
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1525.0
TOTAL DEPTH OF WELL (FT): 312.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 52.78
MAXIMUM DEPTH TO WATER (FT): 79.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.94
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.49
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 17.27
CHANGE IN WATER LEVEL SINCE 1979 (FT): 26.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.84
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NE NE 02 10N 14WIM
LATITUDE: 35.377356331 LONGITUDE: -98.645502345
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1578.0
TOTAL DEPTH OF WELL (FT): 295.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 66.36
MAXIMUM DEPTH TO WATER (FT): 76.55

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.18
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.53
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 8.27
CHANGE IN WATER LEVEL SINCE 1989 (FT): 6.76

MEAN WATER LEVEL FOR PERIOD OF RECORD: 70.84

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE SW 15 10N 14WIM
LATITUDE: 35.338086802 LONGITUDE: -98.671610200
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1510.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 41.28
MAXIMUM DEPTH TO WATER (FT): 44.95

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.73
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.83
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.30
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.36
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE NE 22 10N 14W1M
LATITUDE: 35.328447530 LONGITUDE: -98.659033046
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1450.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.84
MAXIMUM DEPTH TO WATER (FT): 5.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.98
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -0.24
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.41
CHANGE IN WATER LEVEL SINCE 1979 (FT): 1.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.26

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NW NE 01 10N 15W1M
LATITUDE: 35.377653261 LONGITUDE: -98.734338064
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1670.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 134.33
MAXIMUM DEPTH TO WATER (FT): 138.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -1.24
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.59
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 2.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 136.54

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WASHITA COUNTY (CONTINUED)

AQUIFER: Elk City Sandstone
LEGAL DESCRIPTION: NW NW NE 17 10N 20WIM
LATITUDE: 35.349234203  LONGITUDE: -99.336208682
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1933.0
TOTAL DEPTH OF WELL (FT): 122.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 2.30
MAXIMUM DEPTH TO WATER (FT): 7.72

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.01
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.87
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -1.42
CHANGE IN WATER LEVEL SINCE 1989 (FT): -0.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.40

AQUIFER: Rush Springs Sandstone
LEGAL DESCRIPTION: NE NE NW 05 11N 14WIM
LATITUDE: 35.463773998  LONGITUDE: -98.702730634
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1690.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.05
MAXIMUM DEPTH TO WATER (FT): 43.80

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.36
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.74
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.88
CHANGE IN WATER LEVEL SINCE 1979 (FT): 13.84

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.34

398
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NE 22 11N 14WIM
LATITUDE: 35.417679249 LONGITUDE: -98.664011162
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1630.0
TOTAL DEPTH OF WELL (FT): 327.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 49.79
MAXIMUM DEPTH TO WATER (FT): 49.79

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 49.79

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SE SE 19 11N 15WIM
LATITUDE: 35.410532144 LONGITUDE: -98.819944340
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1575.0
TOTAL DEPTH OF WELL (FT): 520.0
PERIOD OF RECORD: 2000 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 46.51
MAXIMUM DEPTH TO WATER (FT): 46.51

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 2000 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 46.51
WOODS COUNTY

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SW 03 23N 13WIM
LATITUDE: 36.493970167  LONGITUDE: -98.58516762
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT):  1488.0
TOTAL DEPTH OF WELL (FT):  73.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  -0.96
MAXIMUM DEPTH TO WATER (FT):  12.70

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):  10.36
CHANGE IN WATER LEVEL SINCE 1983 (FT):  13.46

MEAN WATER LEVEL FOR PERIOD OF RECORD:  7.43

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW SW SW 17 23N 13WIM
LATITUDE: 36.465873664  LONGITUDE: -98.622792081
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  1456.0
TOTAL DEPTH OF WELL (FT):  70.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  0.60
MAXIMUM DEPTH TO WATER (FT):  8.38

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):  -3.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):  
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CHANGE IN WATER LEVEL SINCE 1977 (FT):  3.10

MEAN WATER LEVEL FOR PERIOD OF RECORD:  4.18
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SW 02 24N 13WIM
LATITUDE: 36.579233891 LONGITUDE: -98.565942156
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1375.0
TOTAL DEPTH OF WELL (FT): 55.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.72
MAXIMUM DEPTH TO WATER (FT): 13.83

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -5.65
CHANGE IN WATER LEVEL SINCE 1983 (FT): -7.63

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.36

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 04 24N 13WIM
LATITUDE: 36.579342063 LONGITUDE: -98.592009938
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1370.0
TOTAL DEPTH OF WELL (FT): 32.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.32
MAXIMUM DEPTH TO WATER (FT): 6.58

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -2.51
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -3.15
CHANGE IN WATER LEVEL SINCE 1983 (FT): -2.43

MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.42
WOODS COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SW 23 24N 14W
LATITUDE: 36.535552066 LONGITUDE: -98.675277278
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1589.0
TOTAL DEPTH OF WELL (FT): 60.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.25
MAXIMUM DEPTH TO WATER (FT): 31.80

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CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1977 (FT): 19.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.44

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW SW NW 30 24N 14W
LATITUDE: 36.530346282 LONGITUDE: -98.745143461
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1579.0
TOTAL DEPTH OF WELL (FT): 59.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.18
MAXIMUM DEPTH TO WATER (FT): 22.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 4.22
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 13.32
CHANGE IN WATER LEVEL SINCE 1983 (FT): 18.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.03
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE SE 34 24N 14WIM
LATITUDE: 36.513489163 LONGITUDE: -98.675995588
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1549.0
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.17
MAXIMUM DEPTH TO WATER (FT): 34.10

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.83
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 21.53
CHANGE IN WATER LEVEL SINCE 1983 (FT): 17.62

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.67

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SE 01 24N 16WIM
LATITUDE: 36.578850736 LONGITUDE: -98.859869759
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1545.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.30
MAXIMUM DEPTH TO WATER (FT): 28.14

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.75
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 6.25
CHANGE IN WATER LEVEL SINCE 1983 (FT): 11.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.08
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW 10 25N 13WIM
LATITUDE: 36.652484304 LONGITUDE: -98.594280498
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1363.0
TOTAL DEPTH OF WELL (FT): 35.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.49
MAXIMUM DEPTH TO WATER (FT): 6.44

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.96
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
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CHANGE IN WATER LEVEL SINCE 1983 (FT): 2.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.06

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NE SW 29 25N 15WIM
LATITUDE: 36.611462696 LONGITUDE: -98.838939659
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1575.0
TOTAL DEPTH OF WELL (FT): 82.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.39
MAXIMUM DEPTH TO WATER (FT): 40.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 5.61
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 10.61
CHANGE IN WATER LEVEL SINCE 1977 (FT): 16.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.73
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW NW 17 26N 13WIM
LATITUDE: 36.739299413 LONGITUDE: -98.629737408
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1428.0
TOTAL DEPTH OF WELL (FT): 76.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.90
MAXIMUM DEPTH TO WATER (FT): 17.39

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.45
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 
CHANGE IN WATER LEVEL SINCE 1983 (FT): 1.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.38

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 36 27N 14WIM
LATITUDE: 36.768687445 LONGITUDE: -98.652501420
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1453.0
TOTAL DEPTH OF WELL (FT): 48.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 9.10
MAXIMUM DEPTH TO WATER (FT): 18.52

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.45
CHANGE IN WATER LEVEL SINCE 1983 (FT): 8.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.80
WOODWARD COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NW NE 22 20W 18N
LATITUDE: 36.200922978 LONGITUDE: -99.100283710
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1890.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 7.46
MAXIMUM DEPTH TO WATER (FT): 15.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 8.52
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 7.46
CHANGE IN WATER LEVEL SINCE 1989 (FT): 4.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.34

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE NW 01 20N 19W
LATITUDE: 36.247012303 LONGITUDE: -99.177443520
WELL USE: WATER LOCATION
ELEVATION OF LAND SURFACE (FT): 1860.0
TOTAL DEPTH OF WELL (FT): 294.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 130.80
MAXIMUM DEPTH TO WATER (FT): 198.61

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.04
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.38
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.46
CHANGE IN WATER LEVEL SINCE 1977 (FT): 6.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 195.00

406
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NE 10 20N 21WIM
LATITUDE: 36.228118609 LONGITUDE: -99.422725421
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2255.0
TOTAL DEPTH OF WELL (FT): 315.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 104.01
MAXIMUM DEPTH TO WATER (FT): 114.39

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.87
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 4.89
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.38

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.92

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 01 20N 22WIM
LATITUDE: 36.243030334 LONGITUDE: -99.502780826
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2352.0
TOTAL DEPTH OF WELL (FT): 295.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 153.44
MAXIMUM DEPTH TO WATER (FT): 159.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.43
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.61
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.11
CHANGE IN WATER LEVEL SINCE 1980 (FT): -2.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 157.34
WOODWARD COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SE SW 17 21N 17WIM
LATITUDE: 36.292952000 LONGITUDE: -99.044396000
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1840.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 71.30
MAXIMUM DEPTH TO WATER (FT): 78.15

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.46
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.16
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.74
CHANGE IN WATER LEVEL SINCE 1979 (FT): 6.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 75.44

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SW NW 27 21N 18WIM
LATITUDE: 36.258212946 LONGITUDE: -99.120982372
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1806.6
TOTAL DEPTH OF WELL (FT): 53.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.90
MAXIMUM DEPTH TO WATER (FT): 36.95

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): -8.40
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.10
CHANGE IN WATER LEVEL SINCE 1977 (FT): 8.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.34
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SW SE 28 21N 18WIM
LATITUDE: 36.264223000 LONGITUDE: -99.129404000
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1810.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 16.75
MAXIMUM DEPTH TO WATER (FT): 23.97

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.95
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 5.35
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.08

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NW NW 12 21N 19WIM
LATITUDE: 36.316631000 LONGITUDE: -99.189467000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1798.3
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1958 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.93
MAXIMUM DEPTH TO WATER (FT): 13.16

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.44
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.54
CHANGE IN WATER LEVEL SINCE 1958 (FT): 5.65

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.05

409
WOODWARD COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NE NE 13 21N 19WIM
LATITUDE: 36.300852512 LONGITUDE: -99.179396339
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1805.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.39
MAXIMUM DEPTH TO WATER (FT): 20.58

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.61
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.81
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 2.41

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.72

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NE 03 21N 20WIM
LATITUDE: 36.333743066 LONGITUDE: -99.327017279
WELL USE: IRRIGATION
ELEVATION OF Land SURFACE (FT): 2047.0
TOTAL DEPTH OF WELL (FT): 134.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.15
MAXIMUM DEPTH TO WATER (FT): 9.30

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.59
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.41
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.89
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.65
MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.55

410
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SE 10 21N 20W1M
LATITUDE: 36.308463572 LONGITUDE: -99.323798525
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2110.0
TOTAL DEPTH OF WELL (FT): 70.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 25.01
MAXIMUM DEPTH TO WATER (FT): 30.89

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.29
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.79
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.21

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 25 21N 20W1M
LATITUDE: 36.272359243 LONGITUDE: -99.282226465
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1980.0
TOTAL DEPTH OF WELL (FT): 125.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 12.78
MAXIMUM DEPTH TO WATER (FT): 18.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.42
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.09
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 1.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.85
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: NE NE SE 27 21N 21WIM
LATITUDE: 36.268194186 LONGITUDE: -99.425897196
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2180.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 38.75
MAXIMUM DEPTH TO WATER (FT): 43.94

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.13
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.19
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.03
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.07
MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.45

AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: NE NE SW 16 21N 22WIM
LATITUDE: 36.294286772 LONGITUDE: -99.560291241
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2320.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 126.90
MAXIMUM DEPTH TO WATER (FT): 131.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.11
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.88
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.32
MEAN WATER LEVEL FOR PERIOD OF RECORD: 128.89
WOODWARD COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NW NW 17 22N 18W1M
LATITUDE: 36.390259593 LONGITUDE: -99.156149747
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1879.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.28
MAXIMUM DEPTH TO WATER (FT): 29.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.04
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.77
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1979 (FT): 7.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.03

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE SW 01 22N 20W1M
LATITUDE: 36.406517245 LONGITUDE: -99.293775377
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1985.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 39.87
MAXIMUM DEPTH TO WATER (FT): 48.72

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.98
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 7.03
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.12

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.95

413
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 19 22N 20WIM
LATITUDE: 36.370854255 LONGITUDE: -99.378881466
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2100.0
TOTAL DEPTH OF WELL (FT): 245.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.11
MAXIMUM DEPTH TO WATER (FT): 16.16

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.51
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 7.99
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 3.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.17

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NW NW 25 22N 20WIM
LATITUDE: 36.362547664 LONGITUDE: -99.298615276
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 1904.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.90
MAXIMUM DEPTH TO WATER (FT): 6.98

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.52
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.58
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.98
CHANGE IN WATER LEVEL SINCE 1956 (FT): 4.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.30
**WOODBURY COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW SE 01 22N 22WIM

**LATITUDE:** 36.406124612 **LONGITUDE:** -99.503134147

**WELL USE:** PUBLIC WATER SUPPLY

**ELEVATION OF LAND SURFACE (FT):** 2180.0

**TOTAL DEPTH OF WELL (FT):** 346.0

**PERIOD OF RECORD:** 1983 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 47.90

**MAXIMUM DEPTH TO WATER (FT):** 58.95

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 0.90

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 3.66

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):**

**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 7.15

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 53.21

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE NW NE 02 22N 22WIM

**LATITUDE:** 36.419896508 **LONGITUDE:** -99.521131578

**WELL USE:** OBSERVATION WELL

**ELEVATION OF LAND SURFACE (FT):** 2182.0

**TOTAL DEPTH OF WELL (FT):** 69.0

**PERIOD OF RECORD:** 1978 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 33.49

**MAXIMUM DEPTH TO WATER (FT):** 47.30

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**CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT):** 2.61

**CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT):** 6.64

**CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):** 1.41

**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 9.76

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 39.10
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SE 08 22N 22WIM
LATITUDE: 36.396675817 LONGITUDE: -99.572143069
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2111.0
TOTAL DEPTH OF WELL (FT): 205.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.66
MAXIMUM DEPTH TO WATER (FT): 11.56

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.15
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.91
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 1.55
CHANGE IN WATER LEVEL SINCE 1980 (FT): 9.81
MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.03

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NE 24 22N 22WIM
LATITUDE: 36.375744434 LONGITUDE: -99.500393066
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2290.0
TOTAL DEPTH OF WELL (FT): 340.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 116.59
MAXIMUM DEPTH TO WATER (FT): 122.58

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.31
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.66
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.71
CHANGE IN WATER LEVEL SINCE 1983 (FT): 5.61
MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.48

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WOODWARD COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SE NE 13 23N 19WIM
LATITUDE: 36.471567771 LONGITUDE: -99.175259703
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1970.0
TOTAL DEPTH OF WELL (FT): 99.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 58.20
MAXIMUM DEPTH TO WATER (FT): 64.59

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 2.30
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.25
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.10
CHANGE IN WATER LEVEL SINCE 1979 (FT): 4.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 62.13

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE NE NE 21 23N 19WIM
LATITUDE: 36.463571794 LONGITUDE: -99.228752864
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1927.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 27.77
MAXIMUM DEPTH TO WATER (FT): 43.32

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.38
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.02
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.23
CHANGE IN WATER LEVEL SINCE 1979 (FT): 14.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.55
WOODWARD COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE NW NW 05 23N 20WIM
LATITUDE: 36.505805791 LONGITUDE: -99.366799432
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2016.0
TOTAL DEPTH OF WELL (FT): 40.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.20
MAXIMUM DEPTH TO WATER (FT): 32.96

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.20
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 8.06
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.70
CHANGE IN WATER LEVEL SINCE 1977 (FT): 8.76
MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.85

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE SW NW 20 23N 20WIM
LATITUDE: 36.457868522 LONGITUDE: -99.366837950
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 1880.0
TOTAL DEPTH OF WELL (FT): 125.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.02
MAXIMUM DEPTH TO WATER (FT): 12.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 1.18
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.16
CHANGE IN WATER LEVEL SINCE 1979 (FT): 2.90
MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.67
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE SE 25 23N 21WIM
LATITUDE: 36.436468731 LONGITUDE: -99.400013599
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1905.0
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 20.28
MAXIMUM DEPTH TO WATER (FT): 23.18

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.33
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.17
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.94
CHANGE IN WATER LEVEL SINCE 1989 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.07

AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: NE SE SE 03 23N 22WIM
LATITUDE: 36.495208672 LONGITUDE: -99.534894271
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2100.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 25.35
MAXIMUM DEPTH TO WATER (FT): 36.23

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.23
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.43
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.77
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.98
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SE 22 23N 22WIM
LATITUDE: 36.450182802 Longitude: -99.538410421
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2130.0
TOTAL DEPTH OF WELL (FT): 51.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.69
MAXIMUM DEPTH TO WATER (FT): 24.90

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.21
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.79
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 2.41
CHANGE IN WATER LEVEL SINCE 1980 (FT): 9.62

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.01

AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: SE NW SE 32 23N 22WIM
LATITUDE: 36.424859000 Longitude: -99.575459000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2060.0
TOTAL DEPTH OF WELL (FT): 76.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.09
MAXIMUM DEPTH TO WATER (FT): 10.60

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -3.15
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 3.90
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): -0.82
CHANGE IN WATER LEVEL SINCE 1981 (FT): 4.31

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.02

420
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW SW SW 18 24N 20WIM
LATITUDE: 36.550318472 LONGITUDE: -99.388729206
WELL USE: OBSERVATION WELL
ELEVATION OF LAND SURFACE (FT): 2027.5
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 32.59
MAXIMUM DEPTH TO WATER (FT): 44.50

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 3.90
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 4.39
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.71
CHANGE IN WATER LEVEL SINCE 1978 (FT): 10.51
MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.91

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW SW SW 31 24N 20WIM
LATITUDE: 36.506113567 LONGITUDE: -99.389025871
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2025.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 42.38
MAXIMUM DEPTH TO WATER (FT): 52.33

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 4.17
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.30
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 3.31
CHANGE IN WATER LEVEL SINCE 1979 (FT): 9.61
MEAN WATER LEVEL FOR PERIOD OF RECORD: 47.74
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE SE SW 14 24N 21WIM
LATITUDE: 36.552012858 LONGITUDE: -99.416692628
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1995.0
TOTAL DEPTH OF WELL (FT): 31.70
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 24.95
MAXIMUM DEPTH TO WATER (FT): 31.70

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 1.93
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.10
CHANGE IN WATER LEVEL SINCE 1979 (FT): 4.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.13

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE NE NE 04 24N 22WIM
LATITUDE: 36.592873255 LONGITUDE: -99.552612492
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1985.0
TOTAL DEPTH OF WELL (FT): 10.45
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.75
MAXIMUM DEPTH TO WATER (FT): 10.45

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 0.45
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT): 0.45
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.15
AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: SW SW NE 34 24N 22WIM
LATITUDE: 36.514219182 LONGITUDE: -99.540457300
WELL USE: MINING
ELEVATION OF LAND SURFACE (FT): 2080.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 25.16
MAXIMUM DEPTH TO WATER (FT): 31.74

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CHANGE IN WATER LEVEL FROM 1999 TO 2000 (FT): -0.55
CHANGE IN WATER LEVEL FROM 1995 TO 2000 (FT): 2.13
CHANGE IN WATER LEVEL FROM 1990 TO 2000 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 0.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.82