GROUNDWATER LEVELS
IN OBSERVATION WELLS IN
OKLAHOMA, 1994 THROUGH 1997

Technical Report
98-1

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AND
ANDY SCURLLOCK

PLANNING AND MANAGEMENT
AND ADMINISTRATIVE SERVICES DIVISIONS
OKLAHOMA WATER RESOURCES BOARD

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Inside Title page

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INTRODUCTION

Oklahoma's groundwater level measurement program has recorded data for selected wells that date back to 1937. A comprehensive state-wide program was initiated in the early 1970's. At the present time, water levels are recorded from more than 750 wells across the state. This report includes measurements collected from 1994 through 1997. The data is utilized to observe fluctuations in groundwater levels, assist in determination of groundwater use trends for prediction of groundwater supplies and to provide data for hydrogeologic investigations of state aquifers.

COLLECTION OF DATA

The groundwater measurement network includes water wells that are used for irrigation, municipal, stock, domestic and industrial purposes. Water levels are measured each year from January to March, when most irrigation wells are not being pumped. Water levels represent the static level for many of the state aquifers.

Water levels are measured from an established measuring point above land surface to the nearest 0.01 foot for each well using a chalked steel tape. Depth to water below land surface is determined by subtracting the value of the measuring point from the measured depth to water obtained from the steel tape.

Water levels and depth to water are in feet below land surface. Negative values associated with change in water level indicate a decline in water levels. A negative value associated with any given year's measurement indicates that the measured water level stands above ground surface inside the casing.

ORGANIZATION OF DATA SHEETS

County

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

Aquifer

The aquifer field description includes the name of the formation in which the well is completed. The formation does not necessarily reflect the major groundwater basin, if any, in the area.

Legal Description

The legal descriptions in this report follow the section-township-range method used in Oklahoma. 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 fields were calculated by measuring the distance between the ground position at each well and a constellation of orbiting satellites using handheld 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 and it is implicit that the latitude-longitude are north and west respectively. These coordinates are referenced to the North American Datum 1983.
Well Use

Well Use indicates the specific purpose for the water well. This information is determined when the well was initially evaluated for inclusion in the network.

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 well is the depth of the well as determined from a driller’s log or by field measurement with a steel tape. The total depth of the well, if determined, is accurate to within a few feet.

Period of Record

Period of record is the length of time 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 water level is the depth to water for a well measured on the date indicated.

Site Status Code

The site status code indicates the condition of the well site and the immediate vicinity at the time of the measurement. The site status codes include:

D - dry
E - flowed recently
F - flowing
G - nearby well flowing
H - nearby well recently flowed
I - injector site
J - injector site monitor
N - measurement discontinued
O - obstruction
P - pumping
R - recently pumped
S - nearby well pumped
T - nearby well recently pumped
blank - site status is normal
Change in Water Levels

The change in water levels indicate how the 1997 water level has changed from the previous year, five years ago, 10 years ago and from the first year of well measurement. 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 water level for the period of record. This value provides a means of comparison to the most recently measured water level.

HYDROGRAPHS

From historical annual water level data, twenty-four well hydrographs (pg. 4-15) representing both major and minor aquifers were created. Twelve hydrographs depict water level fluctuations in shallow alluvial and terrace aquifers (pg. 4-9) and twelve hydrographs depict water level fluctuations in deeper bedrock aquifers (pg. 10-15). The two groups are ordered alphabetically by county.
Salt Fork of Arkansas River Alluvium
SE NW NE 23 27N 11WIM Alfalfa County

North Canadian River Alluvium
NW SE SE 35 04N 27ECM Beaver County
### AQUIFER: BOONE GROUP

**LEGAL DESCRIPTION:** NE NE NW 05 17N 26E1M  
**LATITUDE:**  
**LONGITUDE:**  
**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 1996 TO 1997 (FT):** 4.38  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.60  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -4.22  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** -0.16  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 13.26

### AQUIFER: PITKIN LIMESTONE

**LEGAL DESCRIPTION:** NE SW SW 09 17N 26E1M  
**LATITUDE:**  
**LONGITUDE:**  
**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 1996 TO 1997 (FT):** 14.62  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 16.81  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.76  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 8.93  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 52.96
AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SE SW SW 18 18N 26EIM
LATITUDE: LONGITUDE:
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): 21.39
MAXIMUM DEPTH TO WATER (FT): 26.95

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.71
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.59
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.61

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: NE NE NW 32 18N 26EIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1982 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.71
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW SW 06 23N 11W1M
LATITUDE:        LONGITUDE:
WELL USE: OBSERVATION
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):  6.70
MAXIMUM DEPTH TO WATER (FT):  11.06

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.17
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.16
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -1.05
CHANGE IN WATER LEVEL SINCE 1983 (FT):  -0.62

MEAN WATER LEVEL FOR PERIOD OF RECORD:  8.57

AQUIFER: CEDAR HILLS SANDSTONE
LEGAL DESCRIPTION: SE SW SW 16 25N 11W1M
LATITUDE:        LONGITUDE:
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 1996 TO 1997 (FT):  -0.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -1.01
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -1.93
CHANGE IN WATER LEVEL SINCE 1975 (FT):  2.12

MEAN WATER LEVEL FOR PERIOD OF RECORD:  4.77
# ALFALFA COUNTY (CONTINUED)

**AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS**

**LEGAL DESCRIPTION:** NE NW NW 09 27N 09WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 2.65

**MAXIMUM DEPTH TO WATER (FT):** 10.40

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.45

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.51

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.90

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 0.82

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 4.16

---

**AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS**

**LEGAL DESCRIPTION:** NW NW SE 14 27N 11WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 3.66

**MAXIMUM DEPTH TO WATER (FT):** 10.35

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.64

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 4.62

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 2.61

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 1.34

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.87
### AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS

#### LEGAL DESCRIPTION: SE NW NE 23 27N 11WIM

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.13

### AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS

#### LEGAL DESCRIPTION: SE SE SW 18 29N 09WIM

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.73

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.55

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.21

CHANGE IN WATER LEVEL SINCE 1975 (FT): 4.65

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.99
AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 04 03S 11E1M
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -6.57
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.72
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 11.87
CHANGE IN WATER LEVEL SINCE 1977 (FT): 7.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.49

AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SE SE SW 01 04S 11E1M
LATITUDE: LONGITUDE:
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): 40.90

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.88
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1994 (FT): 0.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 40.38
### Beaver County

**Aquifer: Permian System**

**Legal Description:** SE SW SW 18 01N 20E CM

- **Latitude:** 36.545738300
- **Longitude:** 100.951185800
- **Well Use:** Observation
- **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):** 67.95
- **Maximum Depth to Water (ft):** 69.40

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**Change in Water Level from 1996 to 1997 (ft):** 0.15

**Change in Water Level from 1992 to 1997 (ft):** 1.45

**Change in Water Level from 1987 to 1997 (ft):**

**Change in Water Level since 1991 (ft):** 1.45

**Mean Water Level for Period of Record:** 68.76

---

**Aquifer: Ogallala Formation**

**Legal Description:** SW SW SE 24 01N 20E CM

- **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):** 198.70

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**Change in Water Level from 1996 to 1997 (ft):** 0.10

**Change in Water Level from 1992 to 1997 (ft):** -0.07

**Change in Water Level from 1987 to 1997 (ft):** -0.07

**Change in Water Level since 1991 (ft):** -0.10

**Mean Water Level for Period of Record:** 198.56
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION: SE SW SW 23 01N 21ECM**

**LATITUDE:** 36.531098000  **LONGITUDE:** 100.771655600  

**WELL USE:** OBSERVATION  

**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 1996 TO 1997 (FT):** 0.06  

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.03  

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 2.70  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 234.56

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION: SW NW NE 32 01N 21ECM**

**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 1996 TO 1997 (FT):** 0.30  

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.56  

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 1.02  

**CHANGE IN WATER LEVEL SINCE 1968 (FT):** -0.27  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 241.42
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 12 01N 22ECM
LATITUDE: 36.567541400 LONGITUDE: 100.648326600
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2900.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 182.33
MAXIMUM DEPTH TO WATER (FT): 204.07

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.15
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.59
CHANGE IN WATER LEVEL SINCE 1967 (FT): -6.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 189.02

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 29 01N 22ECM
LATITUDE: 36.527643500 LONGITUDE: 100.717881600
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.16
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.61
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.12
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 211.59
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SE 33 01N 22ECM
LATITUDE: 36.500374300 LONGITUDE: 100.684609900
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2899.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1971 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 233.33
MAXIMUM DEPTH TO WATER (FT): 243.16

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1971 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 236.84

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NW 26 01N 23ECM
LATITUDE: 36.528576400 LONGITUDE: 100.554989000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2830.0
TOTAL DEPTH OF WELL (FT): 440.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 212.42
MAXIMUM DEPTH TO WATER (FT): 228.74

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.29
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.66
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.58
CHANGE IN WATER LEVEL SINCE 1967 (FT): -3.56

MEAN WATER LEVEL FOR PERIOD OF RECORD: 220.20
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NE 01 01N 24E
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 1996 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 16.35
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.83
CHANGE IN WATER LEVEL SINCE 1967 (FT): 19.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 224.51

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SE 36 01N 24E
LATITUDE: 36.505569100 LONGITUDE: 100.417819100
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.07
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.32
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 80.38
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW SW SW 01 01N 25ECM

**LATITUDE:** 36.574271500 **LONGITUDE:** 100.323459100

**WELL USE:** OBSERVATION

**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):** 157.16

**MAXIMUM DEPTH TO WATER (FT):** 159.38

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.22

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.00

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.09

**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 1.02

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 158.32

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE SW SE 36 01N 25ECM

**LATITUDE:** 36.500794900 **LONGITUDE:** 100.312608100

**WELL USE:** OBSERVATION

**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):** 127.50

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

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.83

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.21

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.12

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** 1.02

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 127.95
**BEAVER COUNTY (CONTINUED)**

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

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<td>MINIMUM DEPTH TO WATER (FT): 16.62</td>
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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.77
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.65
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.74

**AQUIFER: OGLALLA FORMATION**

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.16
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.79
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.56
CHANGE IN WATER LEVEL SINCE 1967 (FT): 0.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 170.21
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 1996 TO 1997 (FT): 0.83  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.55  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.25  
CHANGE IN WATER LEVEL SINCE 1967 (FT): -4.45  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 40.39

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SW NE SE 35 01N 27ECM  
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): 124.05  
MAXIMUM DEPTH TO WATER (FT): 147.88

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.53  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.31  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 6.50  
CHANGE IN WATER LEVEL SINCE 1968 (FT): -5.23  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 135.92
AQUIFER: OGLELLA FORMATION
LEGAL DESCRIPTION: SW NE NE 15 01N 28ECM
LATITUDE: 36.554356000 LONGITUDE: 100.026584200
WELL USE: OBSERVATION
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): 79.29
MAXIMUM DEPTH TO WATER (FT): 80.80

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.51
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.76
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.38

MEAN WATER LEVEL FOR PERIOD OF RECORD: 80.01

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NE SE NE 13 02N 20ECM
LATITUDE: 36.639587900 LONGITUDE: 100.848911900
WELL USE: OBSERVATION
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): 75.39
MAXIMUM DEPTH TO WATER (FT): 76.06

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 75.69
AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: SW NE SW 28 02N 20ECM
LATITUDE: 36.605379700 LONGITUDE: 100.912307400
WELL USE: OBSERVATION
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): 46.26
MAXIMUM DEPTH TO WATER (FT): 47.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.15
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.77
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 46.54

AQUIFER: OGLALLA FORMATION
LEGAL DESCRIPTION: NE 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 1996 TO 1997 (FT): -0.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.73
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.85
CHANGE IN WATER LEVEL SINCE 1967 (FT): -19.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 176.87
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SW 30 02N 21E CM
LATITUDE: 36.604270100 LONGITUDE: 100.843687800
WELL USE: OBSERVATION
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): 125.00
MAXIMUM DEPTH TO WATER (FT): 125.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.98
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 125.50

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 14 02N 22E CM
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): 104.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.01
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.73
CHANGE IN WATER LEVEL SINCE 1967 (FT): -3.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 101.56
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE NE 32 02N 22E CM
LATITUDE: 36.597932000 LONGITUDE: 100.705128800
WELL USE: OBSERVATION
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): 188.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.79
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 188.30

AQUIFER: OGALLALA FORMATION
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 1996 TO 1997 (FT): -0.09
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.07
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.29
CHANGE IN WATER LEVEL SINCE 1967 (FT): 0.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.66
### AQUIFER: OGALLALA FORMATION

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

**LATITUDE:** 36.672097400  **LONGITUDE:** 100.471706600

**WELL USE:** OBSERVATION

**ELEVATION OF LAND SURFACE (FT):** 2540.0

**TOTAL DEPTH OF WELL (FT):** 40.0

**PERIOD OF RECORD:** 1981 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 9.87

**MAXIMUM DEPTH TO WATER (FT):** 12.15

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.43

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.48

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.45

**CHANGE IN WATER LEVEL SINCE 1981 (FT):** -0.28

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.55

### AQUIFER: OGALLALA FORMATION

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

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

**WELL USE:** OBSERVATION

**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 1996 TO 1997 (FT):** 0.10

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.33

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.33

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -0.59

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 133.52
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 11 02N 25ECM
LATITUDE: 36.658132300 LONGITUDE: 100.341793400
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.79
CHANGE IN WATER LEVEL SINCE 1981 (FT): 1.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 56.82

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE 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): 205.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 83.03
MAXIMUM DEPTH TO WATER (FT): 88.27

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.31
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.22
CHANGE IN WATER LEVEL SINCE 1967 (FT): 3.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 84.53
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SE 24 02N 25ECM
LATITUDE: 36.617318800 LONGITUDE: 100.31737800
WELL USE: OBSERVATION
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): 146.67
MAXIMUM DEPTH TO WATER (FT): 157.45

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.19
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.66
CHANGE IN WATER LEVEL SINCE 1981 (FT): 10.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 149.15

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 02 02N 26ECM
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 1996 TO 1997 (FT): 0.51
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.79
CHANGE IN WATER LEVEL SINCE 1967 (FT): -3.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 57.73
AQUIFER: OGGALLALA FORMATION
LEGAL DESCRIPTION: SW SE SE 31 02N 26ECM
LATITUDE: 36.589020300  LONGITUDE: 100.292177500
WELL USE: OBSERVATION
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): 147.14
MAXIMUM DEPTH TO WATER (FT): 147.80

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.03
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.03

MEAN WATER LEVEL FOR PERIOD OF RECORD: 147.34

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 1996 TO 1997 (FT): 1.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.85
CHANGE IN WATER LEVEL SINCE 1967 (FT): -0.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.87
BEAVER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)
LEGAL DESCRIPTION: NW SW NW 15 02N 27ECM
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): 8.28
MAXIMUM DEPTH TO WATER (FT): 11.12

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.57
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.66
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.39
CHANGE IN WATER LEVEL SINCE 1967 (FT): 1.36

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.49

AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)
LEGAL DESCRIPTION: SE SW SE 29 02N 27ECM
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 1996 TO 1997 (FT): 1.46
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.36
CHANGE IN WATER LEVEL SINCE 1967 (FT): 0.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.81

39
AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NW SE SE 05 02N 28ECM
LATITUDE: 36.663070200 LONGITUDE: 100.062598400
WELL USE: OBSERVATION
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): 42.64
MAXIMUM DEPTH TO WATER (FT): 43.69

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.62
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.07

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NE 33 02N 28ECM
LATITUDE: 36.597594600 LONGITUDE: 100.044229200
WELL USE: OBSERVATION
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): 116.13
MAXIMUM DEPTH TO WATER (FT): 117.95

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.62
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 1.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 116.97
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NE 08 03N 20ECM
LATITUDE: 36.745696600 LONGITUDE: 100.923845300
WELL USE: OBSERVATION
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): 100.83

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.10
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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -2.41

MEAN WATER LEVEL FOR PERIOD OF RECORD: 99.66

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NE 18 03N 20ECM
LATITUDE: 36.728481300 LONGITUDE: 100.940843100
WELL USE: OBSERVATION
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): 98.24

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.05
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 97.52
BEAVER COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE NE 12 03N 21E5M
LATITUDE: 36.741641800 LONGITUDE: 100.740520800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2695.0
TOTAL DEPTH OF WELL (FT): 319.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 57.62
MAXIMUM DEPTH TO WATER (FT): 63.97

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 60.39

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW SE 36 03N 21E5M
LATITUDE: 36.676134500 LONGITUDE: 100.743618500
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.89
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.73
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.03
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.83

42
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SW NW 34 03N 22ECM
LATITUDE: 36.683047400 LONGITUDE: 100.680458700
WELL USE: OBSERVATION
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): 160.02

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 159.75

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SW 22 03N 23ECM
LATITUDE: 36.705586400 LONGITUDE: 100.575556900
WELL USE: OBSERVATION
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): 86.99
MAXIMUM DEPTH TO WATER (FT): 89.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.42
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.38
CHANGE IN WATER LEVEL SINCE 1981 (FT): 1.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 88.29
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NW 31 03N 23ECM
LATITUDE: 36.687003300 LONGITUDE: 100.629760200
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2740.0
TOTAL DEPTH OF WELL (FT): 280.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 79.13
MAXIMUM DEPTH TO WATER (FT): 81.43

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1981 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 80.52

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: 1968 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 74.33
MAXIMUM DEPTH TO WATER (FT): 119.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.98
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.95
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.29
CHANGE IN WATER LEVEL SINCE 1968 (FT): 19.46
MEAN WATER LEVEL FOR PERIOD OF RECORD: 96.54
### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NE NE NW 36 03N 24ECM  
**LATITUDE:** 36.688560300 **LONGITUDE:** 100.423588000  
**WELL USE:** OBSERVATION  
**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 1996 TO 1997 (FT):** 0.44  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.21  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -1.00  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 25.05

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NE SW SW 35 03N 25ECM  
**LATITUDE:** 36.675654000 **LONGITUDE:** 100.340676100  
**WELL USE:** OBSERVATION  
**ELEVATION OF LAND SURFACE (FT):** 2560.0  
**TOTAL DEPTH OF WELL (FT):** 220.0  
**PERIOD OF RECORD:** 1981 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 80.28  
**MAXIMUM DEPTH TO WATER (FT):** 81.73  

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.35  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.24  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.78  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 1.26  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 81.00
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 05 03N 26ECM
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 1996 TO 1997 (FT): 0.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.46
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.30
CHANGE IN WATER LEVEL SINCE 1968 (FT): 0.74

MEAN WATER LEVEL FOR PERIOD OF RECORD: 83.77

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 11 03N 27ECM
LATITUDE: 36.735939400 LONGITUDE: 100.114361000
WELL USE: OBSERVATION
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): 63.43
MAXIMUM DEPTH TO WATER (FT): 64.68

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.00
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.29
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.30
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.25

MEAN WATER LEVEL FOR PERIOD OF RECORD: 64.09
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SE 21 03N 27ECM
LATITUDE: 36.706931300 LONGITUDE: 100.150592600
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2445.0
TOTAL DEPTH OF WELL (FT): 160.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 87.48
MAXIMUM DEPTH TO WATER (FT): 91.19

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.47
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.47
CHANGE IN WATER LEVEL SINCE 1981 (FT): -1.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 89.62

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NE SW SW 05 03N 28ECM
LATITUDE: 36.749999300 LONGITUDE: 100.072609200
WELL USE: OBSERVATION
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): 108.25
MAXIMUM DEPTH TO WATER (FT): 109.92

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.66
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.57
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.01
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.18
**AQUIFER: A & T DEPOSITS OF KIOWA CREEK (BEAVER CO)**

**LEGAL DESCRIPTION:** NW NE NW 28 03N 28E CM

LATITUDE: 36.701434600 LONGITUDE: 100.052692200

WELL USE: OBSERVATION

ELEVATION OF LAND SURFACE (FT): 2250.0

TOTAL DEPTH OF WELL (FT):

PERIOD OF RECORD: 1979 TO PRESENT

MINIMUM DEPTH TO WATER (FT): 23.24

MAXIMUM DEPTH TO WATER (FT): 29.97

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.92

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.14

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.72

CHANGE IN WATER LEVEL SINCE 1979 (FT): 4.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.42

**AQUIFER: OGDALLA FORMATION**

**LEGAL DESCRIPTION:** SE NE SW 22 04N 20E CM

LATITUDE: 36.793421300 LONGITUDE: 101.891798900

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 1996 TO 1997 (FT): -1.88

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.99

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.84

CHANGE IN WATER LEVEL SINCE 1967 (FT): -10.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.88
AQUIFER: PERMIAN SYSTEM

LEGAL DESCRIPTION: SE NE NE 22 04N 22ECM
LATITUDE: 36.803086700 LONGITUDE: 100.669974200
WELL USE: OBSERVATION
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): 23.14
MAXIMUM DEPTH TO WATER (FT): 29.88

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.31
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.98
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.73
CHANGE IN WATER LEVEL SINCE 1981 (FT): 5.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.04

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 1996 TO 1997 (FT): 1.61
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.01
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.44
CHANGE IN WATER LEVEL SINCE 1967 (FT): -0.27

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.63
BEAVER COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NW 08 04N 26E2
LATITUDE: 36.828414600 LONGITUDE: 100.281725700
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.44
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.12
CHANGE IN WATER LEVEL SINCE 1991 (FT): 114.64

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SE SW 02 04N 27E2
LATITUDE: 36.835382900 LONGITUDE: 100.121023200
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -0.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.34
CHANGE IN WATER LEVEL SINCE 1981 (FT): 0.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.12
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SE SE 35 04N 27ECM
LATITUDE: 36.764933100 LONGITUDE: 100.113952500
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 1.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.53
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.47
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.19

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 02 04N 28ECM
LATITUDE: 36.846082300 LONGITUDE: 100.007497200
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 1.02
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.74
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.35
CHANGE IN WATER LEVEL SINCE 1981 (FT): 2.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.14
BEAVER COUNTY (CONTINUED)

AQUIFER: OGLALLA 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 1996 TO 1997 (FT): 0.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.02
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.85
CHANGE IN WATER LEVEL SINCE 1967 (FT): 4.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.37

AQUIFER: OGLALLA 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 1996 TO 1997 (FT): 2.44
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.09
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.71
CHANGE IN WATER LEVEL SINCE 1968 (FT): -15.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 153.31
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 28 05N 20ECM
LATITUDE: 36.863434200 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 1996 TO 1997 (FT): 3.71
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.47
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.55
CHANGE IN WATER LEVEL SINCE 1968 (FT): -25.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 137.28

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): 166.48

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.03
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.39
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.22
CHANGE IN WATER LEVEL SINCE 1967 (FT): -3.97

MEAN WATER LEVEL FOR PERIOD OF RECORD:* 163.51
BEAVER COUNTY (CONTINUED)

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE NW SW 29 05N 22ECM

**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 1996 TO 1997 (FT):** 0.61

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.77

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.01

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** 1.56

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 134.55

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NE NE 03 05N 23ECM

**LATITUDE:** 36.933877400  **LONGITUDE:** 100.549236200

**WELL USE:** OBSERVATION

**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 1996 TO 1997 (FT):** -0.17

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.38

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -0.66

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 91.04
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 31 05N 23ECM
LATITUDE: 36.853783800 LONGITUDE: 100.609254900
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.71
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.06
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.33

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 31 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 1996 TO 1997 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.92
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.59
CHANGE IN WATER LEVEL SINCE 1981 (FT): 4.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.71
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW NE NW 04 05N 25ECM  
**LATITUDE:** 36.933236200  **LONGITUDE:** 100.364535000  
**WELL USE:** OBSERVATION  
**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):** 63.50

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.42  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.02  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -1.30  
**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -7.88  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 60.00

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NE NW 34 05N 25ECM  
**LATITUDE:** 36.859346800  **LONGITUDE:** 100.342798300  
**WELL USE:** OBSERVATION  
**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 1996 TO 1997 (FT):** 1.21  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.53  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.10  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 0.01  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 67.35
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SW 15 05N 26E CM
LATITUDE: 36.892592700 LONGITUDE: 100.233070300
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -0.18
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1971 (FT): -15.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 190.22

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SW 02 05N 27E CM
LATITUDE: 36.924541400 LONGITUDE: 100.111569300
WELL USE: OBSERVATION
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): 36.86
MAXIMUM DEPTH TO WATER (FT): 54.60

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.73
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 11.52
CHANGE IN WATER LEVEL SINCE 1981 (FT): 17.63

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.77
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NE 22 05N 28ECM
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 1996 TO 1997 (FT): 0.54
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.14
CHANGE IN WATER LEVEL SINCE 1968 (FT): 6.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.23

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 35 06N 20ECM
LATITUDE: 36.935980500. LONGITUDE: 100.864193300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2784.0
TOTAL DEPTH OF WELL (FT): 556.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 144.60
MAXIMUM DEPTH TO WATER (FT): 165.39

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.73
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.18
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.93
CHANGE IN WATER LEVEL SINCE 1967 (FT): -7.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 156.16
### Beaver County (continued)

**Aquifer: Ogallala Formation**

**Legal Description:** SE SE SE 24 06N 22E CM

- **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 1996 to 1997 (ft):** -0.10
- **Change in Water Level from 1992 to 1997 (ft):** -0.84
- **Change in Water Level from 1987 to 1997 (ft):** -0.62
- **Change in Water Level since 1967 (ft):** -2.96

**Mean Water Level for Period of Record:** 104.41

---

**Aquifer: Ogallala Formation**

**Legal Description:** NW NW SW 32 06N 22E CM

- **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):** 194.41

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- **Change in Water Level from 1996 to 1997 (ft):** -0.54
- **Change in Water Level from 1992 to 1997 (ft):** -2.32
- **Change in Water Level from 1987 to 1997 (ft):** -2.58
- **Change in Water Level since 1981 (ft):** -4.01

**Mean Water Level for Period of Record:** 192.12

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**BEAVER COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE NE NW 23 06N 23ECM  
**LATITUDE:** 36.979772700  **LONGITUDE:** 100.539765700  
**WELL USE:** OBSERVATION  
**ELEVATION OF LAND SURFACE (FT):** 2540.0  
**TOTAL DEPTH OF WELL (FT):** 240.0  
**PERIOD OF RECORD:** 1991 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 145.61  
**MAXIMUM DEPTH TO WATER (FT):** 146.68

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.13  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.03  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -0.75

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 146.33

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NW NW 31 06N 24ECM  
**LATITUDE:** 36.945745700  **LONGITUDE:** 100.507939300  
**WELL USE:** OBSERVATION  
**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 1996 TO 1997 (FT):** 0.20  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.05  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -2.96

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 81.60
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW SW SW 07 06N 25ECM
LATITUDE: 36.999349200 LONGITUDE: 100.398466500
WELL USE: OBSERVATION
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): 5.92
MAXIMUM DEPTH TO WATER (FT): 7.08

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.21
CHANGE IN WATER LEVEL SINCE 1981 (FT): 0.38

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.75

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NE 17 06N 25ECM
LATITUDE: LONGITUDE: WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2250.0
TOTAL DEPTH OF WELL (FT): PERIOD OF RECORD: 1992 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.91
MAXIMUM DEPTH TO WATER (FT): 20.37

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1992 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.17
## AQUIFER: OGALLALA FORMATION

### LEGAL DESCRIPTION: SE SE SE 20 06N 25ECM
- **LATITUDE:** 36.970208400  
- **LONGITUDE:** 100.375980200
- **WELL USE:** OBSERVATION
- **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):** 46.48

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.21
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.58
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -9.26
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** -3.02

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 43.56

## 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 1996 TO 1997 (FT):** -0.19
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.10
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -1.40
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -1.40

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 25.31
BECKHAM COUNTY

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW SW 31 08N 21WIM
LATITUDE:  LONGITUDE:
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):  15.57
MAXIMUM DEPTH TO WATER (FT):  25.73

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  1.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  2.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -1.01
CHANGE IN WATER LEVEL SINCE 1980 (FT):  5.54

MEAN WATER LEVEL FOR PERIOD OF RECORD:  21.20

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NE 02 08N 22WIM
LATITUDE:  LONGITUDE:
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):  36.34
MAXIMUM DEPTH TO WATER (FT):  64.68

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.02
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  2.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  10.31
CHANGE IN WATER LEVEL SINCE 1981 (FT):  27.66

MEAN WATER LEVEL FOR PERIOD OF RECORD:  44.99
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE NE NE 27 08N 22WIM
LATITUDE: 
LONGITUDE:
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): 14.96
MAXIMUM DEPTH TO WATER (FT): 22.85

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.26
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.94
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.58
MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.64

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW NE 17 08N 23WIM
LATITUDE: 
LONGITUDE:
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): 7.14
MAXIMUM DEPTH TO WATER (FT): 19.26

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.26
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.28
MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.10
**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** NW NE NE 09 08N 24W1M

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.44

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 7.32

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 16.52

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 18.31

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 38.61

---

**AQUIFER: BLAINE FORMATION**

**LEGAL DESCRIPTION:** NE NE NW 10 08N 25W1M

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 5.95

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 4.54

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 10.42

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 41.05
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW NW 30 09N 22W1M
LATITUDE:  LONGITUDE:
WELL USE:  INDUSTRIAL
ELEVATION OF LAND SURFACE (FT):  1788.0
TOTAL DEPTH OF WELL (FT):  67.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  23.74
MAXIMUM DEPTH TO WATER (FT):  28.27

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  0.20
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.18
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  2.56
CHANGE IN WATER LEVEL SINCE 1980 (FT):  2.04

MEAN WATER LEVEL FOR PERIOD OF RECORD:  25.66

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW NW 33 09N 22W1M
LATITUDE:  LONGITUDE:
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):  34.35
MAXIMUM DEPTH TO WATER (FT):  45.92

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.56
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  6.32
CHANGE IN WATER LEVEL SINCE 1980 (FT):  3.67

MEAN WATER LEVEL FOR PERIOD OF RECORD:  38.96
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE NE 16 09N 23WIM
LATITUDE: LONGITUDE:
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1860.0
TOTAL DEPTH OF WELL (FT): 130.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 53.41
MAXIMUM DEPTH TO WATER (FT): 62.07

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.55
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.81
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.82
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.94

MEAN WATER LEVEL FOR PERIOD OF RECORD: 56.05

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SW SW 25 09N 23WIM
LATITUDE: LONGITUDE:
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): 74.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -4.20
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.70
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.38
CHANGE IN WATER LEVEL SINCE 1981 (FT): -1.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 65.30
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW SW 32 09N 23WIM
LATITUDE: LONGITUDE:
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): 16.18
MAXIMUM DEPTH TO WATER (FT): 28.88

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.66
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.45
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.78
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.74

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE SE 13 09N 24WIM
LATITUDE: LONGITUDE:
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): 9.50
MAXIMUM DEPTH TO WATER (FT): 18.68

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.85
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.66
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.32
CHANGE IN WATER LEVEL SINCE 1981 (FT): 2.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.17
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW SW 18 09N 24W1M
LATITUDE: LONGITUDE:
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): 15.41
MAXIMUM DEPTH TO WATER (FT): 26.87

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.36
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.66
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.66

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW NW SW 21 09N 24W1M
LATITUDE: LONGITUDE:
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): 39.28
MAXIMUM DEPTH TO WATER (FT): 46.85

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.13
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.79
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.38
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SE 05 09N 25WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1980.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 41.92
MAXIMUM DEPTH TO WATER (FT): 55.79

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.94
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 12.93
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 45.21

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW NW 12 09N 25WIM
LATITUDE: LONGITUDE:
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): 31.54
MAXIMUM DEPTH TO WATER (FT): 41.77

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.17
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.93
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.42
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.05

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.06
### AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED

**LEGAL DESCRIPTION:** SW SW SW 19 09N 25WIM

**LATITUDE:**

**WELL USE:** DOMESTIC

**ELEVATION OF LAND SURFACE (FT):** 2012.0

**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 1996 TO 1997 (FT):** 0.61

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.15

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -1.45

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** -1.29

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 18.89

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

**LEGAL DESCRIPTION:** NW NW NW 25 09N 25WIM

**LATITUDE:**

**WELL USE:** DOMESTIC

**ELEVATION OF LAND SURFACE (FT):** 2005.0

**TOTAL DEPTH OF WELL (FT):** 100.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 36.82

**MAXIMUM DEPTH TO WATER (FT):** 54.15

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.17

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 2.39

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 14.36

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 17.16

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 45.73
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW NW 31 09N 25WIM
LATITUDE: LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1952.0
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 1996 TO 1997 (FT): 2.34
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.19
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.29
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.76

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.14

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE SE 35 09N 25WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1985.0
TOTAL DEPTH OF WELL (FT): 86.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 38.48
MAXIMUM DEPTH TO WATER (FT): 50.03

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.69
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.22
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.81
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW NW 08 09N 26WIM
LATITUDE: LONGITUDE:
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): 52.58
MAXIMUM DEPTH TO WATER (FT): 58.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.54
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.13
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.88
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.36

MEAN WATER LEVEL FOR PERIOD OF RECORD: 55.43

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SE NE 15 09N 26WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2000.0
TOTAL DEPTH OF WELL (FT): 150.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 13.42
MAXIMUM DEPTH TO WATER (FT): 19.96

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.42
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.68
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.50
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.29
BECKHAM COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NW SW 30 09N 26W
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 0.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.74
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 40.48

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE NW 34 10N 26W
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2085.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 30.82
MAXIMUM DEPTH TO WATER (FT): 34.82

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.72
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.28
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.74

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.81

74
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 21 11N 26WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 0.65
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.80
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.28
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.65

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.63

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 34 11N 26WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 15.60
MAXIMUM DEPTH TO WATER (FT): 21.96

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.83
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.56
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.43

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.49
BLAINE COUNTY:

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE NE 15 13N 13WIM
LATITUDE: 35.5989000900 LONGITUDE: 98.566300100
WELL USE: OBSERVATION
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): 82.38
MAXIMUM DEPTH TO WATER (FT): 88.92

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.41
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.13
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT): 6.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 86.20

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW SW NW 15 16N 11WIM
LATITUDE: 35.864883400 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): 23.43
MAXIMUM DEPTH TO WATER (FT): 34.44

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -3.56
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.14
CHANGE IN WATER LEVEL SINCE 1982 (FT): 7.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.15
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): 10.09
MAXIMUM DEPTH TO WATER (FT): 30.27

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.63
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.76
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.61
CHANGE IN WATER LEVEL SINCE 1976 (FT): 20.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.76

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SE SE 09 17N 12WIM
LATITUDE: 35.958777500 LONGITUDE: 98.478126700
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -1.88
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.64
CHANGE IN WATER LEVEL SINCE 1978 (FT): 6.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 49.01
BLAINE COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NE NE 30 18W 12W
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): 12.70
MAXIMUM DEPTH TO WATER (FT): 20.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.62

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.10

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE NW NW 04 19N 13W
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): 11.67
MAXIMUM DEPTH TO WATER (FT): 21.65

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 5.13
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.44
CHANGE IN WATER LEVEL SINCE 1976 (FT): 6.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.42

78
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW 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): 20.13
MAXIMUM DEPTH TO WATER (FT): 30.91

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.23
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.24
CHANGE IN WATER LEVEL SINCE 1979 (FT): 10.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.82
BRYAN COUNTY

AQUIFER: CADDOL LIMESTONE
LEGAL DESCRIPTION: NW NW NW 23 06S 12E1M
LATITUDE: LONGITUDE:
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): 131.82
MAXIMUM DEPTH TO WATER (FT): 161.87

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.92
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 11.43
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 23.44
CHANGE IN WATER LEVEL SINCE 1977 (FT): 29.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 151.34

AQUIFER: WOODBINE FORMATION
LEGAL DESCRIPTION: SE SE SE 26 07S 10E1M
LATITUDE: LONGITUDE:
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): 107.32

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.17
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1994 (FT): -2.27

MEAN WATER LEVEL FOR PERIOD OF RECORD: 105.42
AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NE SE SE 06 09S 11E1IM
LATITUDE:     LONGITUDE:
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): 4.06
MAXIMUM DEPTH TO WATER (FT): 10.22

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 6.16
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): 2.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.89
CADDY COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SW SW 34 07N 11W1M
LATITUDE: 35.03131980 LONGITUDE: 98.356262900
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -4.08
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -4.74
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1990 (FT): -2.63

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.11

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NW 04 07N 13W1M
LATITUDE: 35.116100900 LONGITUDE: 98.584915100
WELL USE: OBSERVATION
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): 45.35

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.56
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.62
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 2.75

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.18

82
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE SW 19 08N 11WIM
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 1996 TO 1997 (FT): -1.72
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.68
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 17.75
CHANGE IN WATER LEVEL SINCE 1955 (FT): -3.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 77.95

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SE NW 28 08N 12WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1400.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 65.50
MAXIMUM DEPTH TO WATER (FT): 83.57

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 10.26
CHANGE IN WATER LEVEL SINCE 1978 (FT): -4.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 75.15
**Caddo County (continued)**

**Aquifer: Rush Springs Sandstone**

**Legal Description:** NE SE NE 30 09N 11WIM

**Latitude:** 35.227559400 **Longitude:** 98.39471300

**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):** 53.59

**Maximum Depth to Water (ft):** 78.90

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**Change in Water Level from 1996 to 1997 (ft):** 0.91

**Change in Water Level from 1992 to 1997 (ft):** 12.49

**Change in Water Level from 1987 to 1997 (ft):**

**Change in Water Level Since 1989 (ft):** 25.31

**Mean Water Level for Period of Record:** 63.67

---

**Aquifer: Rush Springs Sandstone**

**Legal Description:** NW SE SE 14 09N 12WIM

**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 1996 to 1997 (ft):** 5.94

**Change in Water Level from 1992 to 1997 (ft):** 9.92

**Change in Water Level from 1987 to 1997 (ft):** 24.48

**Change in Water Level Since 1978 (ft):** 17.89

**Mean Water Level for Period of Record:** 76.11
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): 62.69
MAXIMUM DEPTH TO WATER (FT): 82.90

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 14.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 9.54
CHANGE IN WATER LEVEL SINCE 1978 (FT): 73.80

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE NE 12 09N 13W1M
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): 26.05
MAXIMUM DEPTH TO WATER (FT): 50.65

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 16.37
CHANGE IN WATER LEVEL SINCE 1977 (FT): 13.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 38.29
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NW 33 09N 13WIM
LATITUDE: 35.217645600 LONGITUDE: 98.588368300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1448.0
TOTAL DEPTH OF WELL (FT): 199.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 32.63
MAXIMUM DEPTH TO WATER (FT): 38.29

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.95
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.86
CHANGE IN WATER LEVEL SINCE 1978 (FT): -3.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.15

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NW 03 10N 12WIM
LATITUDE: 35.375535000 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): 117.04
MAXIMUM DEPTH TO WATER (FT): 145.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 11.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 24.98
CHANGE IN WATER LEVEL SINCE 1978 (FT): 12.74

MEAN WATER LEVEL FOR PERIOD OF RECORD: 131.95
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 10 10N 12WIM
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): 95.66
MAXIMUM DEPTH TO WATER (FT): 120.59

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.72
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 9.64
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 20.63
CHANGE IN WATER LEVEL SINCE 1977 (FT): 3.52

MEAN WATER LEVEL FOR PERIOD OF RECORD: 107.87

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): 57.13
MAXIMUM DEPTH TO WATER (FT): 74.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1978 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.84

87
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): 76.96
MAXIMUM DEPTH TO WATER (FT): 95.92

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.63
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 7.40
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 17.38
CHANGE IN WATER LEVEL SINCE 1977 (FT): 5.29

MEAN WATER LEVEL FOR PERIOD OF RECORD: 87.55

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NW 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): 74.86
MAXIMUM DEPTH TO WATER (FT): 95.38

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.34
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 8.29
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 18.92
CHANGE IN WATER LEVEL SINCE 1978 (FT): 9.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 87.13
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): 64.10
MAXIMUM DEPTH TO WATER (FT): 89.45

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 9.17
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 21.38
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 25.35
CHANGE IN WATER LEVEL SINCE 1982 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 79.15

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE SE 32 10N 12WIM
LATITUDE: 35.294100800  LONGITUDE: 98.487498600
WELL USE: OBSERVATION
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): 64.98
MAXIMUM DEPTH TO WATER (FT): 73.37

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.03
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 8.29
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 8.39

MEAN WATER LEVEL FOR PERIOD OF RECORD: 69.95

89
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): 79.77  
MAXIMUM DEPTH TO WATER (FT): 105.29  

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.29  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.97  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 22.02  
CHANGE IN WATER LEVEL SINCE 1977 (FT): 11.97  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 92.35

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 1992 TO 1997 (FT): 9.94  
CHANGE IN WATER LEVEL SINCE 1979 (FT): -1.27  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 69.05
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE SE 06 11N 11W
LATITUDE: 35.45714400 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): 99.37
MAXIMUM DEPTH TO WATER (FT): 109.12

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CHANGE IN WATER LEVEL SINCE 1983 (FT): 9.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 103.66

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NW 21 11N 11W
LATITUDE: 35.420417700 LONGITUDE: 98.376027400
WELL USE: OBSERVATION
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): -30.46
MAXIMUM DEPTH TO WATER (FT): 34.32

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CHANGE IN WATER LEVEL SINCE 1989 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.53
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 1987 TO 1997 (FT): 2.78  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 134.20  

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 1996 TO 1997 (FT): 29.60  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 22.30  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 34.37  
CHANGE IN WATER LEVEL SINCE 1977 (FT): 28.49  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 79.40
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 16 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): 85.50
MAXIMUM DEPTH TO WATER (FT): 91.32

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.09
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.08
CHANGE IN WATER LEVEL SINCE 1978 (FT): 3.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 88.69

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AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE NE 29 12N 11WIM
LATITUDE: LONGITUDE:
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): 102.99
MAXIMUM DEPTH TO WATER (FT): 110.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.41
CHANGE IN WATER LEVEL SINCE 1981 (FT): 7.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 106.65
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NE NW 15 12N 12WIM
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): 63.65
MAXIMUM DEPTH TO WATER (FT): 72.32

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.21
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.67
CHANGE IN WATER LEVEL SINCE 1978 (FT): 1.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.70

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NE NW 15 12N 12WIM
LATITUDE: 1608.0
TOTAL DEPTH OF WELL (FT): 238.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 69.32
MAXIMUM DEPTH TO WATER (FT): 75.58

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.92
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.74
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 73.35
AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: SW NE SW 02 10N 07WIM
LATITUDE: 35.368402200 LONGITUDE: 97.916855600
WELL USE: OBSERVATION
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): 7.30
MAXIMUM DEPTH TO WATER (FT): 7.44

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.14
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.14
CHANGE IN WATER LEVEL SINCE 1996 (FT): -0.14
MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.37

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE 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 FROM 1996 TO 1997 (FT): -0.48
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.83
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.83
CHANGE IN WATER LEVEL SINCE 1977 (FT): 6.76
MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.84
### 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 1996 TO 1997 (FT):** 0.64

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -2.05

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -5.07

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 6.33

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 10.41

---

### 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:** OBSERVATION

**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 1996 TO 1997 (FT):** -2.03

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.66

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -3.87

**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 1.13

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 17.48
AQUIFER: A & T DEPOSITS OF THE BRAVER-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 1996 TO 1997 (FT): -2.16
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.53
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.34
CHANGE IN WATER LEVEL SINCE 1977 (FT): 4.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.82
**CARTER COUNTY**

**AQUIFER:** OSCAR FORMATION  
**LEGAL DESCRIPTION:** SW NW NW 35 03S 01WIM  
**LATITUDE:**  
**LONGITUDE:**  
**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):** 47.70

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 4.20  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -11.16  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -19.55  
**CHANGE IN WATER LEVEL SINCE 1977 (FT):** -0.34  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 34.63
CHEROKEE COUNTY

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SW SE SW 32 17N 22EIM
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  1.82
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.34
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -3.86
CHANGE IN WATER LEVEL SINCE 1985 (FT):  0.44

MEAN WATER LEVEL FOR PERIOD OF RECORD:  28.56

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

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  2.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.22
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -2.00
CHANGE IN WATER LEVEL SINCE 1979 (FT):  2.65

MEAN WATER LEVEL FOR PERIOD OF RECORD:  11.51

99
CHEROKEE COUNTY (CONTINUED)

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: NE SW SW 17 18N 22E1M
LATITUDE:   LONGITUDE:
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 1996 TO 1997 (FT): 7.58
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.21
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 15.34
CHANGE IN WATER LEVEL SINCE 1981 (FT): 43.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.30
# Choctaw County

**Aquifer: Antlers Sandstone**

**Legal Description:** NW NW SW 18 06S 14E1M

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**Change in Water Level from 1996 to 1997 (FT):** 1.34

**Change in Water Level from 1992 to 1997 (FT):** -1.15

**Change in Water Level from 1987 to 1997 (FT):** 4.03

**Change in Water Level since 1977 (FT):** 7.28

**Mean Water Level for Period of Record:** 24.06

---

**Aquifer: Caddo Limestone**

**Legal Description:** NW NE NE 27 06S 15E1M

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**Change in Water Level from 1996 to 1997 (FT):** 0.59

**Change in Water Level from 1992 to 1997 (FT):**

**Change in Water Level from 1987 to 1997 (FT):**

**Change in Water Level since 1994 (FT):** -0.90

**Mean Water Level for Period of Record:** 19.32
CHICKASAW COUNTY (CONTINUED)

AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SE SE SW 02 06S 19EIM
LATITUDE: ___________________________ LONGITUDE: ___________________________
WELL USE: INDUSTRIAL
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): 71.30
MAXIMUM DEPTH TO WATER (FT): 81.36

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.64
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.48
CHANGE IN WATER LEVEL SINCE 1981 (FT): 7.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 76.20

AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SE SE SE 03 06S 19EIM
LATITUDE: ___________________________ LONGITUDE: ___________________________
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): 41.98
MAXIMUM DEPTH TO WATER (FT): 59.46

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 9.13
CHANGE IN WATER LEVEL SINCE 1981 (FT): 17.07

MEAN WATER LEVEL FOR PERIOD OF RECORD: 49.43
CIMARRON COUNTY

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): 120.00
MAXIMUM DEPTH TO WATER (FT): 198.14

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.83
CHANGE IN WATER LEVEL SINCE 1967 (FT): -19.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 189.05

AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE
LEGAL DESCRIPTION: NW NW SW 25 01N 01ECM
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): 185.83

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.18
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.67
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.50
CHANGE IN WATER LEVEL SINCE 1967 (FT): -26.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 176.07
**CIMARRON COUNTY (CONTINUED)**

**AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE**

**LEGAL DESCRIPTION:** SW SE NW 16 01N 02E CM

**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 1996 TO 1997 (FT):** -4.70

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -11.77

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -23.75

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** 23.86

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 96.56

---

**AQUIFER: DAKOTA FORMATION-CHEYENNE SANDSTONE**

**LEGAL DESCRIPTION:** NW NW SW 24 01N 02E CM

**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):** 138.37

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -13.59

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -19.39

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -23.86

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -25.66

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 118.42
CIMARRON COUNTY (CONTINUED)

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): 119.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -4.48
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -10.77
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -14.65
CHANGE IN WATER LEVEL SINCE 1969 (FT): -18.18
MEAN WATER LEVEL FOR PERIOD OF RECORD: 106.57

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): 191.13

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -12.14
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -48.42
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -54.72
CHANGE IN WATER LEVEL SINCE 1967 (FT): -50.90
MEAN WATER LEVEL FOR PERIOD OF RECORD: 155.55
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SE NE 26 01N 04ECM
LATITUDE: 36.523388100 LONGITUDE: 102.593612300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4178.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 34.90
MAXIMUM DEPTH TO WATER (FT): 63.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.01
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.77
CHANGE IN WATER LEVEL SINCE 1967 (FT): -3.84

MEAN WATER LEVEL FOR PERIOD OF RECORD: 56.14

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): 90.95

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.20
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -9.69
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -9.12
CHANGE IN WATER LEVEL SINCE 1967 (FT): -6.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 82.74
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE 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 1996 TO 1997 (FT): 0.14
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.45
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.89
CHANGE IN WATER LEVEL SINCE 1967 (FT): 5.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 101.84

---

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE 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): 172.0
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 1996 TO 1997 (FT): -0.15
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.89
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.22
CHANGE IN WATER LEVEL SINCE 1905 (FT): -0.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 103.33

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CIMARRON COUNTY—(CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NW 28 01N 07E6M
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 1996 TO 1997 (FT): 5.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.07
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.49
CHANGE IN WATER LEVEL SINCE 1968 (FT): 5.84

MEAN WATER LEVEL FOR PERIOD OF RECORD: 191.75

AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW SE SE 04 01N 08E6M
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): 331.96

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1967 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 316.16

108
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 12 01N 08ECM
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): 326.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):    
CHANGE IN WATER LEVEL SINCE 1991 (FT): 3.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 323.65

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 10 01N 09ECM
LATITUDE: 36.561783900 LONGITUDE: 102.086036900
WELL USE: OBSERVATION
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): 299.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.47
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -9.89
CHANGE IN WATER LEVEL SINCE 1971 (FT): -37.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 283.10
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): 320.20

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.35
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -10.89
CHANGE IN WATER LEVEL SINCE 1969 (FT): -44.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 301.93

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SE 29 01N 09ECM
LATITUDE: 36.518499100 LONGITUDE: 102.113110900
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): 302.80

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -4.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -6.98
CHANGE IN WATER LEVEL SINCE 1967 (FT): -31.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 291.12
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SW 27 02N 01ECM
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 1996 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.21
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.81
CHANGE IN WATER LEVEL SINCE 1967 (FT): -1.54

MEAN WATER LEVEL FOR PERIOD OF RECORD: 97.16

AQUIFER: DAKOTA FORMATION
LEGAL DESCRIPTION: NW SE 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 1996 TO 1997 (FT): 2.23
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.96
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.43
CHANGE IN WATER LEVEL SINCE 1967 (FT): 6.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 146.15


### 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 1996 TO 1997 (FT):** -0.50  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -14.40  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -15.82  
**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -20.30  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 107.96

### 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):** 178.08

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -1.79  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -20.58  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -20.58  
**CHANGE IN WATER LEVEL SINCE 1992 (FT):** -20.58  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 168.90
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 02 02N 05ECM
LATITUDE: 36.668178700 LONGITUDE: 102.497398700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 4152.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 127.65
MAXIMUM DEPTH TO WATER (FT): 135.81

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.66
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -6.05
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -8.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 131.84

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NW 01 02N 06ECM
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): 186.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.44
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.55
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 184.66
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 1996 TO 1997 (FT): -10.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -13.94
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -10.95
CHANGE IN WATER LEVEL SINCE 1967 (FT): -25.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 139.38

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): 287.85

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.82
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -9.67
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.28
CHANGE IN WATER LEVEL SINCE 1967 (FT): -18.28

MEAN WATER LEVEL FOR PERIOD OF RECORD: 269.42

114
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 26 02N 07E CM
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 1996 TO 1997 (FT):  1.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -3.68
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -7.00
CHANGE IN WATER LEVEL SINCE 1967 (FT):  -12.90

MEAN WATER LEVEL FOR PERIOD OF RECORD:  231.82

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 17 02N 08E CM
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):  285.72

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -1.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -5.92
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -7.67
CHANGE IN WATER LEVEL SINCE 1967 (FT):  -29.99

MEAN WATER LEVEL FOR PERIOD OF RECORD:  274.50

115
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 1996 TO 1997 (FT): -1.20
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -4.44
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -8.43
CHANGE IN WATER LEVEL SINCE 1967 (FT): -37.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 316.65

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 16 02N 09ECM
LATITUDE: 36.642849800 LONGITUDE: 102.100041500
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 3710.0
TOTAL DEPTH OF WELL (FT): 240.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 159.00
MAXIMUM DEPTH TO WATER (FT): 161.01

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.21
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.81
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.66
CHANGE IN WATER LEVEL SINCE 1981 (FT): -1.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 160.21
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): 166.01

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.16
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.31
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 165.68

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): 122.32
MAXIMUM DEPTH TO WATER (FT): 127.24

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.78
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 122.17
AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: SW SW SW 28 03N 02ECM
LATITUDE: 36.692266700  LONGITUDE: 102.856790100
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  -0.21
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.97
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -2.57
CHANGE IN WATER LEVEL SINCE 1967 (FT):  -6.07

MEAN WATER LEVEL FOR PERIOD OF RECORD:  25.29

AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: SW NE SW 11 03N 04ECM
LATITUDE: 36.738179000  LONGITUDE: 102.602060000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  4251.0
TOTAL DEPTH OF WELL (FT):  261.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  159.52
MAXIMUM DEPTH TO WATER (FT):  164.55

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -4.63
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -4.76
CHANGE IN WATER LEVEL SINCE 1978 (FT):  -3.89

MEAN WATER LEVEL FOR PERIOD OF RECORD:  161.01
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE SE 05 03N 05ECM
LATITUDE: 36.754891900  LONGITUDE: 102.53594700
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): 249.24

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 10.59
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -15.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -17.82
CHANGE IN WATER LEVEL SINCE 1962 (FT): -57.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 215.60

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 29 03N 05ECM
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 1996 TO 1997 (FT): -0.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.86
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.08
CHANGE IN WATER LEVEL SINCE 1991 (FT): -2.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.18
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NE 01 03N 06E0M
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): 117.79

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.39
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.86
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.74
CHANGE IN WATER LEVEL SINCE 1967 (FT): -27.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 108.67

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 16 03N 06E0M
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 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1967 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 123.69
AQUIFER: OCALLALA FORMATION
LEGAL DESCRIPTION: NE NE NW 32 03N 07ECM
LATITUDE: 36.689289500 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 1996 TO 1997 (FT): -0.48
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.20
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.80
CHANGE IN WATER LEVEL SINCE 1967 (FT): 4.41

MEAN WATER LEVEL FOR PERIOD OF RECORD: 138.97

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 1996 TO 1997 (FT): 2.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.28
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.65
CHANGE IN WATER LEVEL SINCE 1967 (FT): 4.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 188.64
**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):** 247.0  
**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 1996 TO 1997 (FT):** 0.13  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.62  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.60  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 18.79

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 106.94

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**AQUIFER: JURASSIC SYSTEM**

**LEGAL DESCRIPTION:** NW SW NW 26 04N 04ECM  
**LATITUDE:** 36.787103400  **LONGITUDE:** 102.606506000  
**WELL USE:** IRRIGATION  
**ELEVATION OF LAND SURFACE (FT):** 4286.0  
**TOTAL DEPTH OF WELL (FT):**  
**PERIOD OF RECORD: 1967 TO PRESENT**  
**MINIMUM DEPTH TO WATER (FT):** -201.27  
**MAXIMUM DEPTH TO WATER (FT):** 218.60

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -11.01  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -11.81  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -8.17  
**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -5.86

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 209.19
CIMARRON COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 15°04N 05E5M
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): 127.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.34
CHANGE IN WATER LEVEL SINCE 1968 (FT): -0.17

MEAN WATER LEVEL FOR PERIOD OF RECORD: 122.12

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 32°04N 05E5M
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): 207.57

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.51
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.98
CHANGE IN WATER LEVEL SINCE 1967 (FT): -31.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 194.97

123
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NE 36 04N 05E
LATITUDE: 36.830952500  LONGITUDE: 102.418430000
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):  212.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -15.95
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -8.45
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -6.69
CHANGE IN WATER LEVEL SINCE 1967 (FT):         -55.05

MEAN WATER LEVEL FOR PERIOD OF RECORD:  191.23

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NE 09 04N 06E
LATITUDE: 36.830974600  LONGITUDE: 102.418433000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  4103.0
TOTAL DEPTH OF WELL (FT):  288.0
PERIOD OF RECORD: 1967 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  190.85
MAXIMUM DEPTH TO WATER (FT):  273.38

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1967 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD:  216.48
### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW NW SW 22 04N 06ECM

**LATITUDE:** 36.798439100  **LONGITUDE:** 102.410019200

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 4075.0

**TOTALDEPTH 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 1996 TO 1997 (FT):** 1.30

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.20

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.49

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -34.85

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 177.65

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SW NW NW 25 04N 06ECM

**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 1996 TO 1997 (FT):** 0.14

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.32

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -1.44

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -22.88

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 132.16

125
### AQUIFER: OGLALLA FORMATION

**LEGAL DESCRIPTION:** NE NW SW 03 04N 07E CM

**LATITUDE:** LONGITUDE:

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 3987.0

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

**PERIOD OF RECORD:** 1967 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 179.25

**MAXIMUM DEPTH TO WATER (FT):** 207.90

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -5.85

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -14.65

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -17.98

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -28.65

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 190.73

---

### AQUIFER: OGLALLA FORMATION

**LEGAL DESCRIPTION:** NW NW SW 18 04N 07E CM

**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 1996 TO 1997 (FT):** -2.00

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -6.80

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -11.09

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -28.47

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 171.50
AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW 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): 215.67

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -4.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.87
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.77

MEAN WATER LEVEL FOR PERIOD OF RECORD: 214.19

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NE 14 05N 08ECM
LATITUDE: 3845.0
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 320.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 189.10
MAXIMUM DEPTH TO WATER (FT): 189.10

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 189.10
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): 198.30

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -10.80
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): -2.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 195.47

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE 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 1996 TO 1997 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.23
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.27

MEAN WATER LEVEL FOR PERIOD OF RECORD: 248.39
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NE 12 05N 09E
LATITUDE: 36.918841700 LONGITUDE: 102.030296900
WELL USE: OBSERVATION
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): 200.96
MAXIMUM DEPTH TO WATER (FT): 209.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.44
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 8.44
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 5.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 205.45

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: SW NW SW 36 05N 09E
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 1996 TO 1997 (FT): 0.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 9.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.29
CHANGE IN WATER LEVEL SINCE 1967 (FT): 1.05

MEAN WATER LEVEL FOR PERIOD OF RECORD: 203.25
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 28 06N 09E10
LATITUDE: 36.96177800 LONGITUDE: 102.096228500
WELL USE: OBSERVATION
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): 165.35

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.38
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -9.57
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -13.16
CHANGE IN WATER LEVEL SINCE 1981 (FT): -21.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 153.66
CLEVELAND COUNTY

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NE SW 24 07N 01E1M
LATITUDE: 35.064366800 LONGITUDE: 97.153491200
WELL USE: OBSERVATION
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): 73.07

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1993 (FT): -4.31

MEAN WATER LEVEL FOR PERIOD OF RECORD: 70.60

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SW SW SW 15 07N 01W1M
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 1996 TO 1997 (FT): 2.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.52
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.77
CHANGE IN WATER LEVEL SINCE 1983 (FT): 0.64

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.79

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### CLEVELAND COUNTY (CONTINUED)

**AQUIFER: GARBER SANDSTONE AND WELLENGTTON FORMATION**

**LEGAL DESCRIPTION:** SE SE SE 21 07N 01WM

**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):** 52.98

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.35

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -3.49

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -9.34

**CHANGE IN WATER LEVEL SINCE 1984 (FT):** -6.86

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 47.36

---

**AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER**

**LEGAL DESCRIPTION:** SE NW SW 02 07N 02WIM

**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 1996 TO 1997 (FT):** -1.00

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -4.25

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -5.57

**CHANGE IN WATER LEVEL SINCE 1983 (FT):** -1.29

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 38.83

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AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NW SW 06 08N 01W
LATITUDE: 35.19583100 LONGITUDE: 97.347861800
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1140.0
TOTAL DEPTH OF WELL (FT): 1140.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 43.55
MAXIMUM DEPTH TO WATER (FT): 56.65

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.25
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.95
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.61
CHANGE IN WATER LEVEL SINCE 1983 (FT): 2.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.84

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NE NW SW 14 09N 03W
LATITUDE: 35.252249500 LONGITUDE: 97.492334100
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1180.0
TOTAL DEPTH OF WELL (FT): 700.0
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 280.30
MAXIMUM DEPTH TO WATER (FT): 305.78

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.67
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -18.69
CHANGE IN WATER LEVEL SINCE 1984 (FT): 6.79

MEAN WATER LEVEL FOR PERIOD OF RECORD: 291.54
CLEVELAND COUNTY (CONTINUED)

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SW NW NW 11 10N 01WIM
LATITUDE: 35.36153600 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): 14.32

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.31
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.55
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.73
CHANGE IN WATER LEVEL SINCE 1979 (FT): 7.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.51

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SW SW SW 20 10N 02WIM
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): 133.57

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.57
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -6.87
CHANGE IN WATER LEVEL SINCE 1980 (FT): -8.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 128.51

134
AQUIFER: BOGGY FORMATION
LEGAL DESCRIPTION: NE NW NW 16 02N 08E1M
LATITUDE: LONGITUDE:
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): 36.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 7.27
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1994 (FT): -0.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.25

AQUIFER: BOGGY FORMATION
LEGAL DESCRIPTION: SE SE SW 27 02N 09E1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.22
CHANGE IN WATER LEVEL SINCE 1981 (FT): 12.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.82
### COMANCHE COUNTY

**AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK**

**LEGAL DESCRIPTION:** SE NW SE 03 01S 14WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 14.10

**MAXIMUM DEPTH TO WATER (FT):** 14.10

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**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1997 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 14.10

### AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK

**LEGAL DESCRIPTION:** SW SW NW 12 01S 14WIM

**LATITUDE:**

**LONGITUDE:**

**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 1996 TO 1997 (FT):** 0.70

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 4.54

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 13.27

**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 17.27

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 20.03

136
### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** NE NW SW 10 04N 09WLM  
**LATITUDE:**  
**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):** 25.82  
**MAXIMUM DEPTH TO WATER (FT):** 25.82

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**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1997 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 25.82

### AQUIFER: DUNCAN SANDSTONE

**LEGAL DESCRIPTION:** NW NW SE 32 04N 09WLM  
**LATITUDE:**  
**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):** 52.49  
**MAXIMUM DEPTH TO WATER (FT):** 101.94

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 3.05  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.41  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 11.65  
**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 43.59

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 70.05
**COMANCHE COUNTY (CONTINUED)**

**AQUIFER: DUNCAN SANDSTONE**

**LEGAL DESCRIPTION: SE NE NE 33 04N 09WIM**

**LATITUDE:**

**LONGITUDE:**

**WELL USE: OBSERVATION**

**ELEVATION OF LAND SURFACE (FT):** 1290.0

**TOTAL DEPTH OF WELL (FT):** 700.0

**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 1996 TO 1997 (FT):** 2.63

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -3.59

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 13.00

**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 40.64

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 121.48

---

**AQUIFER: DUNCAN SANDSTONE**

**LEGAL DESCRIPTION: NW SE SW 02 04N 10WIM**

**LATITUDE:**

**LONGITUDE:**

**WELL USE: OBSERVATION**

**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):** 177.02

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -1.82

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -13.32

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -7.31

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 170.98

---

138
AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK
LEGAL DESCRIPTION: NW NW NW 21 02S 12W1M
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -0.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.50
CHANGE IN WATER LEVEL SINCE 1983 (FT): -1.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.88

AQUIFER: A & T DEPOSITS OF WEST CACHE CREEK
LEGAL DESCRIPTION: NE NE NE 28 02S 12W1M
LATITUDE: LONGITUDE:
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): 6.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.00
CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.40
CRAIG COUNTY

AQUIFER: PITKIN LIMESTONE
LEGAL DESCRIPTION: NE SW NW 30 24N 20E1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.19
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -7.70
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.20
CHANGE IN WATER LEVEL SINCE 1979 (FT): -6.77

MEAN WATER LEVEL FOR PERIOD OF RECORD: 2.54
AQUIFER: VAMOOSA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: SE SW SE 25 16N 08E1M
LATITUDE: LONGITUDE: 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): 70.80
MAXIMUM DEPTH TO WATER (FT): 73.45

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.65
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): 2.65

MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.13

AQUIFER: VAMOOSA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: NW NW SW 04 16N 09E1M
LATITUDE: LONGITUDE: 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): 127.50
MAXIMUM DEPTH TO WATER (FT): 127.50

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 127.50
### CUSTER COUNTY

**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** SW NE NE 32 12N 14WIM

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.36

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 6.59

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1990 (FT):** 9.03

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 129.84

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**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** NE SW SW 34 12N 14WIM

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.36

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 7.57

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1990 (FT):** 9.38

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 151.65
CUSTER COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SW NW 06 12N 15WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 55.65
MAXIMUM DEPTH TO WATER (FT): 59.27

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.27
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT): 1.36

MEAN WATER LEVEL FOR PERIOD OF RECORD: 57.64

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NE NE 24 12N 16WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 14.43
MAXIMUM DEPTH TO WATER (FT): 17.99

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.55
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.56
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT): 0.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.11
AQUIFER: RUSH SPRINGS SANDSTONE  
LEGAL DESCRIPTION: SE SE SE 16 12N 17WIM  
LATITUDE: LONGITUDE:  
WELL USE: OBSERVATION  
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): 52.19  
MAXIMUM DEPTH TO WATER (FT): 59.53  

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.61  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.51  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1990 (FT): 3.44  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 56.28  

---  

AQUIFER: RUSH SPRINGS SANDSTONE  
LEGAL DESCRIPTION: NE SW SW 07 13N 14WIM  
LATITUDE:  
WELL USE: OBSERVATION  
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): 40.49  
MAXIMUM DEPTH TO WATER (FT): 43.20  

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.18  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.50  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1990 (FT): 1.91  
MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.21
**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** SE NE SW 35 13N 14WIM  
**LATITUDE:**  
**WELL USE:** OBSERVATION  
**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):** 59.44  
**MAXIMUM DEPTH TO WATER (FT):** 64.20  

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.63  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 4.13  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 1.95  
**CHANGE IN WATER LEVEL SINCE 1990 (FT):**  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 62.03

---

**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** NE SW NE 27 13N 15WIM  
**LATITUDE:**  
**WELL USE:** OBSERVATION  
**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):** 141.57  
**MAXIMUM DEPTH TO WATER (FT):** 145.85  

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.21  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 4.15  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.07  
**CHANGE IN WATER LEVEL SINCE 1990 (FT):**  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 144.57
**AQUIFER: RUSH SPRINGS SANDSTONE**  
**LEGAL DESCRIPTION:** SW NE SW 32 13N 16W IM  
**LATITUDE:**  
**LONGITUDE:**  
**WELL USE:** OBSERVATION  
**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):** 54.50  
**MAXIMUM DEPTH TO WATER (FT):** 61.94

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 3.85  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 5.76  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** 5.87  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 59.09

---

**AQUIFER: RUSH SPRINGS SANDSTONE**  
**LEGAL DESCRIPTION:** SE NW SE 21 13N 17WIM  
**LATITUDE:**  
**LONGITUDE:**  
**WELL USE:** OBSERVATION  
**ELEVATION OF LAND SURFACE (FT):** 1660.0  
**TOTAL DEPTH OF WELL (FT):** 362.0  
**PERIOD OF RECORD:** 1990 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 37.56  
**MAXIMUM DEPTH TO WATER (FT):** 41.59

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**  
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**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1990 (FT):**  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 39.93
### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** SE SW NE 16 13N 18WIM

**LATITUDE:**

**LONGITUDE:**

**WELL USE:** OBSERVATION

**ELEVATION OF LAND SURFACE (FT):** 1740.0

**TOTAL DEPTH OF WELL (FT):** 500.0

**PERIOD OF RECORD:** 1990 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 55.32

**MAXIMUM DEPTH TO WATER (FT):** 59.40

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1990 (FT):**

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 56.99

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### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** SE NE SE 18 14N 14WIM

**LATITUDE:**

**LONGITUDE:**

**WELL USE:** OBSERVATION

**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 1996 TO 1997 (FT):** 0.27

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.94

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 1.40

**CHANGE IN WATER LEVEL SINCE 1990 (FT):**

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 14.00

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CUSTER COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SE 20 14N 14W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 33.70
MAXIMUM DEPTH TO WATER (FT): 40.75

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.46
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT): 6.41

MEAN WATER LEVEL FOR PERIOD OF RECORD: 38.13

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE NE 34 14N 16W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 12.38
MAXIMUM DEPTH TO WATER (FT): 17.89

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 4.26

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.71
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW NW 07 14N 18W M
LATITUDE: 35.520527600 LONGITUDE: 98.460863100
WELL USE: OBSERVATION
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): 29.90
MAXIMUM DEPTH TO WATER (FT): 34.15

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.35
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.48
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT): -0.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.35

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE NW 31 15N 14W M
LATITUDE:  LONGITUDE:
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1728.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 49.41
MAXIMUM DEPTH TO WATER (FT): 77.05

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.34
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 29.03
CHANGE IN WATER LEVEL SINCE 1979 (FT): 1.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 59.40
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NW NW 24 15N 16WIM
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT):  1792.0
TOTAL DEPTH OF WELL (FT):  305.0
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  15.22
MAXIMUM DEPTH TO WATER (FT):  21.64

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  5.02
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1990 (FT):  4.55

MEAN WATER LEVEL FOR PERIOD OF RECORD:  19.59

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SE SE 33 15N 16WIM
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
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):  1.45
MAXIMUM DEPTH TO WATER (FT):  2.08

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD:  1.76
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 22 15N 17WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 38.95
MAXIMUM DEPTH TO WATER (FT): 45.85

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.29
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.76
CHANGE IN WATER LEVEL SINCE 1990 (FT): 43.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.11
### Delaware County

**Aquifer:** Boone Group  
**Legal Description:** SW SE NE 06 20N 24E1M  
**Latitude:**  
**Longitude:**  
**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):** 379.80  
**Maximum Depth to Water (ft):** 379.80

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**Change in Water Level from 1996 to 1997 (ft):** 0.00  
**Mean Water Level for Period of Record:** 379.80

---

**Aquifer:** Boone Group  
**Legal Description:** SE SW NE 27 23N 24E1M  
**Latitude:**  
**Longitude:**  
**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 1996 to 1997 (ft):** 3.77  
**Change in Water Level from 1992 to 1997 (ft):** 2.83  
**Change in Water Level from 1987 to 1997 (ft):**  
**Change in Water Level since 1991 (ft):** 2.66  
**Mean Water Level for Period of Record:** 44.93
DEWEY COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NW NE 02 16N 14WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 97.04
MAXIMUM DEPTH TO WATER (FT): 109.72

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 10.31
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 12.64
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 12.34
CHANGE IN WATER LEVEL SINCE 1989 (FT): 31.78

MEAN WATER LEVEL FOR PERIOD OF RECORD: 106.35

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NW 21 16N 17WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 31.78
MAXIMUM DEPTH TO WATER (FT): 36.28

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.82
CHANGE IN WATER LEVEL SINCE 1990 (FT): 3.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.80
Dewey County (continued)

Aquifer: Rush Springs Sandstone
Legal Description: SW NW SE 26 16N 17W
Latitude: Longitude: 
Well Use: Observation
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): 47.70
Maximum Depth to Water (ft): 54.65

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Change in Water Level from 1996 to 1997 (ft): -0.20
Change in Water Level from 1992 to 1997 (ft): 6.00
Change in Water Level from 1987 to 1997 (ft):
Change in Water Level since 1991 (ft): 5.58

Mean Water Level for Period of Record: 51.86

Aquifer: Rush Springs Sandstone
Legal Description: NW SE SW 27 16N 18W
Latitude: Longitude:
Well Use: Observation
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): 36.44
Maximum Depth to Water (ft): 42.20

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Change in Water Level from 1996 to 1997 (ft): 1.06
Change in Water Level from 1992 to 1997 (ft): 5.76
Change in Water Level from 1987 to 1997 (ft):
Change in Water Level since 1990 (ft): 4.51

Mean Water Level for Period of Record: 40.11
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NE NE 35 16N 18WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1890.0
TOTAL DEPTH OF WELL (FT): 278.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 54.40
MAXIMUM DEPTH TO WATER (FT): 56.93

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 55.48

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SW SW 05 17N 14WIM
LATITUDE: LONGITUDE:
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): 80.64
MAXIMUM DEPTH TO WATER (FT): 106.36

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.24
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 20.90
CHANGE IN WATER LEVEL SINCE 1976 (FT): 24.54

MEAN WATER LEVEL FOR PERIOD OF RECORD: 94.80

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### DEWY COUNTY (CONTINUED)

**AQUIFER: RUSH SPRINGS SANDSTONE**  
**LEGAL DESCRIPTION:** SE NW SW 22 17N 14WIM  
**LATITUDE:**  
**LONGITUDE:**  
**WELL USE:** IRRIGATION  
**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):** 80.78  
**MAXIMUM DEPTH TO WATER (FT):** 90.25

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 5.26  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 7.02  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 9.47  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 87.14

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### DEWY COUNTY (CONTINUED)

**AQUIFER: RUSH SPRINGS SANDSTONE**  
**LEGAL DESCRIPTION:** SW NE SE 26 17N 17WIM  
**LATITUDE:**  
**LONGITUDE:**  
**WELL USE:** OBSERVATION  
**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):** 60.47  
**MAXIMUM DEPTH TO WATER (FT):** 66.26

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 2.97  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 5.25  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1990 (FT):** 5.79  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 63.88
DEWEY COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NW NW 07 18N 14WIM
LATITUDE:  
WELL USE: OBSERVATION
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): 42.28
MAXIMUM DEPTH TO WATER (FT): 57.48

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.42
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 10.68
CHANGE IN WATER LEVEL SINCE 1979 (FT): 14.61
MEAN WATER LEVEL FOR PERIOD OF RECORD: 51.94

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SW NW 09 18N 15WIM
LATITUDE:  
WELL USE: OBSERVATION
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): 39.65
MAXIMUM DEPTH TO WATER (FT): 45.46

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 5.81
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.88
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.05
MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.01

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DEWEY COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE NE 27 19N 14W IM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 19.30
MAXIMUM DEPTH TO WATER (FT): 27.38

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 5.65
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.98
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.56
CHANGE IN WATER LEVEL SINCE 1979 (FT): 8.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.86

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SE NW 35 19N 14W IM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1775.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 59.18
MAXIMUM DEPTH TO WATER (FT): 71.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 6.20
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 9.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 9.11
CHANGE IN WATER LEVEL SINCE 1979 (FT): 11.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 66.89

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### DEWEY COUNTY (CONTINUED)

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW SW 04 19N 19WIM  
**LATITUDE:**  
**WELL USE:** DOMESTIC  
**ELEVATION OF LAND SURFACE (FT):** 2095.0  
**TOTAL DEPTH OF WELL (FT):** 85.0  
**PERIOD OF RECORD:** 1981 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 58.67  
**MAXIMUM DEPTH TO WATER (FT):** 69.62

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 5.75  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -5.20  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** -3.22  
**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 64.58

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW SE SE 09 19N 20WIM  
**LATITUDE:**  
**WELL USE:** OBSERVATION  
**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):** 55.15  
**MAXIMUM DEPTH TO WATER (FT):** 61.70

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 2.44  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.75  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.77  
**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 5.30  
**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 58.60
ELLIS COUNTY

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NE NE SW 23 18N 25WIM
LATITUDE: LONGITUDE:
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): 8.56
MAXIMUM DEPTH TO WATER (FT): 10.33

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.19
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.03

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.65

AQUIFER: WHITEHORSE GROUP
LEGAL DESCRIPTION: NE NE NW 24 18N 25WIM
LATITUDE: LONGITUDE:
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): 19.20
MAXIMUM DEPTH TO WATER (FT): 25.90

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 6.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.40
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.35

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ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NE 04 19N 23WIM
LATITUDE: LONGITUDE:
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 FROM 1992 TO 1997 (FT): 4.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 6.64
CHANGE IN WATER LEVEL SINCE 1980 (FT): 13.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 171.22

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SE 08 19N 23WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 9.20
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.98
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.45
CHANGE IN WATER LEVEL SINCE 1980 (FT): 9.75

MEAN WATER LEVEL FOR PERIOD OF RECORD: 173.57
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SW 09 19N 24WIM
LATITUDE:       LONGITUDE:
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):  139.40
MAXIMUM DEPTH TO WATER (FT):  148.96

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  1.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  3.87
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  8.15
CHANGE IN WATER LEVEL SINCE 1980 (FT):  9.56
MEAN WATER LEVEL FOR PERIOD OF RECORD:  144.77

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 19 19N 24WIM
LATITUDE:       LONGITUDE:
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):  78.08
MAXIMUM DEPTH TO WATER (FT):  84.28

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  3.01
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CHANGE IN WATER LEVEL SINCE 1980 (FT):  5.71
MEAN WATER LEVEL FOR PERIOD OF RECORD:  81.72
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 23 19N 24WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 5.97
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.84
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.96
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.29

MEAN WATER LEVEL FOR PERIOD OF RECORD: 146.35

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NE 12 19N 25WIM
LATITUDE: LONGITUDE:
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): 105.65
MAXIMUM DEPTH TO WATER (FT): 113.63

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 5.75
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.85
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.29
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.98

MEAN WATER LEVEL FOR PERIOD OF RECORD: 111.01
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 23 19N 25WIM
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
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):  19.14
MAXIMUM DEPTH TO WATER (FT):  23.52

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  3.56
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  2.18
CHANGE IN WATER LEVEL SINCE 1980 (FT):  4.38

MEAN WATER LEVEL FOR PERIOD OF RECORD:  21.84

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NE 28 19N 25WIM
LATITUDE:  LONGITUDE:
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):  62.63
MAXIMUM DEPTH TO WATER (FT):  86.20

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  21.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -1.97
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.92
CHANGE IN WATER LEVEL SINCE 1980 (FT):  2.47

MEAN WATER LEVEL FOR PERIOD OF RECORD:  67.12

164
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW NE SE 04 19N 26WIM

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.85
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.77
CHANGE IN WATER LEVEL SINCE 1981 (FT): -3.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 173.82

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW NE 12 19N 26WIM

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.42
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.34
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 165.91
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 28 19N 26WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 166.49
MAXIMUM DEPTH TO WATER (FT): 170.81

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.31
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.55
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 168.49

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 34 19N 26WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2400.0
TOTAL DEPTH OF WELL (FT): 215.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 120.17
MAXIMUM DEPTH TO WATER (FT): 123.27

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.43
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.28
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 121.61
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 32 20N 22WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2500.0
TOTAL DEPTH OF WELL (FT): 440.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 219.70
MAXIMUM DEPTH TO WATER (FT): 229.35

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 7.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.20
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 225.52

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 19 20N 23WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2350.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 45.20
MAXIMUM DEPTH TO WATER (FT): 58.77

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.27
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.11
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.47
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.00
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 23 20N 23WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2460.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 169.43
MAXIMUM DEPTH TO WATER (FT): 179.33

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.15
CHANGE IN WATER LEVEL SINCE 1980 (FT): 8.05

MEAN WATER LEVEL FOR PERIOD OF RECORD: 173.82

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SE 03 20N 24WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 1.93
MAXIMUM DEPTH TO WATER (FT): 10.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 6.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.05
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.61
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.77

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.25

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### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NE SW NE 07 20N 24WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 35.50

**MAXIMUM DEPTH TO WATER (FT):** 46.25

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 5.70

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.76

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 7.25

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 7.95

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 41.11

---

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SW SE NE 35 20N 24WIM

**LATITUDE:**

**LONGITUDE:**

**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 1996 TO 1997 (FT):** -0.40

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 6.17

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -3.20

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 6.76

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 118.70
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SW 05 20N 25WIM
LATITUDE:          LONGITUDE:          
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2270.0
TOTAL DEPTH OF WELL (FT): 96.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.66
MAXIMUM DEPTH TO WATER (FT): 23.53

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.74
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.31
CHANGE IN WATER LEVEL SINCE 1980 (FT): 9.44

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.78

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NW 23 20N 25WIM
LATITUDE:          LONGITUDE:          
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 12.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 9.27
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 15.75
CHANGE IN WATER LEVEL SINCE 1981 (FT): 18.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 107.61
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 15 20N 26WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 0.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.46
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.70
CHANGE IN WATER LEVEL SINCE 1981 (FT): -0.54

MEAN WATER LEVEL FOR PERIOD OF RECORD: 174.22

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 08 21N 23WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 48.10
MAXIMUM DEPTH TO WATER (FT): 55.47

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.63
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.81
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.78
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 52.59
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE SE 25 21N 23W
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
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):  43.20
MAXIMUM DEPTH TO WATER (FT):  52.90

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  1.86
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  2.85
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -0.41
CHANGE IN WATER LEVEL SINCE 1980 (FT):  5.41

MEAN WATER LEVEL FOR PERIOD OF RECORD:  47.31

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 30 21N 23W
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  2.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.05
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.28
CHANGE IN WATER LEVEL SINCE 1980 (FT):  3.67

MEAN WATER LEVEL FOR PERIOD OF RECORD:  51.37

172
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SE 01 21N 24WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2150.0
TOTAL DEPTH OF WELL (FT): 190.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 29.48
MAXIMUM DEPTH TO WATER (FT): 32.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.84
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.16
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.27
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.17

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AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 11 21N 24WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2180.0
TOTAL DEPTH OF WELL (FT): 190.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 34.87
MAXIMUM DEPTH TO WATER (FT): 40.57

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.74
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.59
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.09
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.43
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 24 21N 24WIM

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.38
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.02
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.56
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.38

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SW 29 21N 24WIM

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.82
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.98
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.14
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.81
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 24 21N 25WIM
LATITUDE: LONGITUDE:
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): 32.82
MAXIMUM DEPTH TO WATER (FT): 44.25

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.06
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.69
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.16
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.07

MEAN WATER LEVEL FOR PERIOD OF RECORD: 38.08

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 32 21N 25WIM
LATITUDE: LONGITUDE:
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): 61.80
MAXIMUM DEPTH TO WATER (FT): 73.41

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.65
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.90
CHANGE IN WATER LEVEL SINCE 1980 (FT): 9.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 68.55

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ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE SE 09 21N 26WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2300.0
TOTAL DEPTH OF WELL (FT): 380.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 81.84
MAXIMUM DEPTH TO WATER (FT): 99.38

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1981 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 87.71

AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: SE NW SE 24 21N 26WIM
LATITUDE: LONGITUDE:
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): 11.43
MAXIMUM DEPTH TO WATER (FT): 18.50

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.57
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CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.08
AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: SE SE NE 03 22N 23WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 11.40
MAXIMUM DEPTH TO WATER (FT): 15.14

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.33
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.63

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.24

AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: SW NE SE 19 22N 23WIM
LATITUDE: LONGITUDE:
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): 19.27
MAXIMUM DEPTH TO WATER (FT): 23.03

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.23
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.36
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.22

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.00
AQUIFER: OGGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 26 22N 23WIM
LATITUDE: LONGITUDE:
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): 39.68
MAXIMUM DEPTH TO WATER (FT): 50.22

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.93
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.30
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 45.31

AQUIFER: OGGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 11 22N 24WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -4.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -6.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.53
CHANGE IN WATER LEVEL SINCE 1980 (FT): 10.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 100.98
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 32 22N 24WIM

LATITUDE: LONGITUDE:
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): 70.57
MAXIMUM DEPTH TO WATER (FT): 76.30

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.27
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.84

MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.66

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 19 22N 25WIM

LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2440.0
TOTAL DEPTH OF WELL (FT): 510.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): -197.08
MAXIMUM DEPTH TO WATER (FT): 200.20

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 197.85

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### ELLIS COUNTY (CONTINUED)

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW NE 24 22N 25WIM  
**LATITUDE:**  
**LONGITUDE:**  
**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):** 69.59  
**MAXIMUM DEPTH TO WATER (FT):** 72.09

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.55  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.46  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.12  
**CHANGE IN WATER LEVEL SINCE 1980 (FT):** -0.31

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 70.84

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW NW NE 33 22N 25WIM  
**LATITUDE:**  
**LONGITUDE:**  
**WELL USE:** OBSERVATION  
**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):** 216.13  
**MAXIMUM DEPTH TO WATER (FT):** 220.00

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 3.64  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.04  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.52  
**CHANGE IN WATER LEVEL SINCE 1981 (FT):** -0.20

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 216.90
AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 09 22N 26WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 56.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.42
CHANGE IN WATER LEVEL SINCE 1980 (FT): -2.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.45

AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: SE SW SW 21 22N 26WIM
LATITUDE: LONGITUDE:
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): 56.32
MAXIMUM DEPTH TO WATER (FT): 66.05

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.71
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.59
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 60.90
ELLIS COUNTY (CONTINUED)

AQUIFER: OGA LLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 08 23N 23WIM
LATITUDE: LONGITUDE:
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): 56.71
MAXIMUM DEPTH TO WATER (FT): 62.42

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.66
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.07
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.38
CHANGE IN WATER LEVEL SINCE 1980 (FT): -3.01

MEAN WATER LEVEL FOR PERIOD OF RECORD: 60.21

AQUIFER: OGA LLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 22 23N 23WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 57.14
MAXIMUM DEPTH TO WATER (FT): 60.91

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.09
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.79
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.92
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 59.16
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SW 31 23N 23WIM
LATITUDE: LONGITUDE:
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): 49.05
MAXIMUM DEPTH TO WATER (FT): 55.19

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.55
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.42
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.84
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 52.40

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NW 01 23N 24WIM
LATITUDE: LONGITUDE:
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): 134.88
MAXIMUM DEPTH TO WATER (FT): 139.42

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.42
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.13
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.92
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 136.61
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 13 23N 24WIM
LATITUDE:                        LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT):  2280.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  93.00
MAXIMUM DEPTH TO WATER (FT):  98.52

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.25
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.08
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  3.19
CHANGE IN WATER LEVEL SINCE 1980 (FT):        3.16

MEAN WATER LEVEL FOR PERIOD OF RECORD:        95.69

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 18 23N 24WIM
LATITUDE:                        LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT):  2383.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  -143.75
MAXIMUM DEPTH TO WATER (FT):  152.58

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  0.98
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  1.23
CHANGE IN WATER LEVEL SINCE 1980 (FT):        2.02

MEAN WATER LEVEL FOR PERIOD OF RECORD:        150.56
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 04 23N 25W
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 187.11
MAXIMUM DEPTH TO WATER (FT): 189.82

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.28
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.99
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 188.74

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NE 30 23N 25W
LATITUDE: LONGITUDE:
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): 90.82
MAXIMUM DEPTH TO WATER (FT): 94.57

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.00
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.72
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.29
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.28

MEAN WATER LEVEL FOR PERIOD OF RECORD: 92.90
ELLIS COUNTY (CONTINUED)

AQUIFER: OGDALLALA FORMATION  
LEGAL DESCRIPTION: SE NW NW 24 23N 26WIM  
LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION  
ELEVATION OF LAND SURFACE (FT): 2450.0  
TOTAL DEPTH OF WELL (FT):  
PERIOD OF RECORD: 1980 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 142.86  
MAXIMUM DEPTH TO WATER (FT): 145.91  

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.82  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.33  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.54  
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.01  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 144.46

AQUIFER: CLOUD CHIEF FORMATION  
LEGAL DESCRIPTION: SW SW SW 28 24N 23WIM  
LATITUDE:  
LONGITUDE:  
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): 25.16  
MAXIMUM DEPTH TO WATER (FT): 32.30  

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.62  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.02  
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.07  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.83
AQUIFER: CLOUD CHIEF FORMATION
LEGAL DESCRIPTION: NE SW NE 29 24N 24WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 44.46
MAXIMUM DEPTH TO WATER (FT): 46.18

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.33
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.22
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.72
CHANGE IN WATER LEVEL SINCE 1981 (FT): 1.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 45.07

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 03 24N 25WIM
LATITUDE: LONGITUDE:
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): 9.00
MAXIMUM DEPTH TO WATER (FT): 12.52

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.00
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.52
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.87
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.52

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.73
**ELLIS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW SW 18 24N 25WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 18.80

**MAXIMUM DEPTH TO WATER (FT):** 21.16

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.95

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.12

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.35

**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 0.39

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 19.69

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW SE 27 24N 25WIM

**LATITUDE:**

**LONGITUDE:**

**WELL USE:** OBSERVATION

**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):** 166.20

**MAXIMUM DEPTH TO WATER (FT):** 169.93

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.66

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.15

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 2.26

**CHANGE IN WATER LEVEL SINCE 1981 (FT):** 2.25

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 168.60
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 04 24N 26WIM
LATITUDE:__ LONGITUDE:__
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  3.27
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -5.08
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.93
CHANGE IN WATER LEVEL SINCE 1980 (FT):  0.26

MEAN WATER LEVEL FOR PERIOD OF RECORD:  110.00

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NE 27 24N 26WIM
LATITUDE:__ LONGITUDE:__
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):  72.61
MAXIMUM DEPTH TO WATER (FT):  77.29

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -1.36
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.26
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  1.69
CHANGE IN WATER LEVEL SINCE 1980 (FT):  -0.38

MEAN WATER LEVEL FOR PERIOD OF RECORD:  74.81
ELLIS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 33 24N 26W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 112.70
MAXIMUM DEPTH TO WATER (FT): 117.85

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.44
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.69
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.82
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 115.23
AQUIFER: BISON SHALE
LEGAL DESCRIPTION: SW SW SW 04 21N 07WIM
LATITUDE:      LONGITUDE:
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): 12.50
MAXIMUM DEPTH TO WATER (FT): 20.83

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.57
CHANGE IN WATER LEVEL SINCE 1977 (FT): 6.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.22

AQUIFER: CEDAR HILLS SANDSTONE
LEGAL DESCRIPTION: SE SW SE 18 21N 08WIM
LATITUDE:      LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1216.0
TOTAL DEPTH OF WELL (FT): 200.0
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 1996 TO 1997 (FT): 1.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.94
CHANGE IN WATER LEVEL SINCE 1975 (FT): -1.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.53
AQUIFER: CEDAR HILLS SANDSTONE
LEGAL DESCRIPTION: NW NW SW 19 21N 08W1M
Latitude: Longitude:
Well Use: Observation
Elevation of Land Surface (ft): 1242.0
Total Depth of Well (ft):
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 1996 to 1997 (ft): 0.42
Change in Water Level from 1992 to 1997 (ft): 3.25
Change in Water Level from 1987 to 1997 (ft): 0.87
Change in Water Level since 1975 (ft): 14.47

Mean Water Level for Period of Record: 13.83

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: SE NE NE 21 23N 07W1M
Latitude: Longitude:
Well Use: Observation
Elevation of Land Surface (ft): 1330.0
Total Depth of Well (ft):
Period of Record: 1975 to Present
Minimum Depth to Water (ft): 20.29
Maximum Depth to Water (ft): 37.56

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Change in Water Level from 1996 to 1997 (ft): 0.52
Change in Water Level from 1992 to 1997 (ft): 3.90
Change in Water Level from 1987 to 1997 (ft): 11.08
Change in Water Level since 1975 (ft): 16.03

Mean Water Level for Period of Record: 29.61
AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: SW NW NW 21 23N 07WIM
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  0.09
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.62
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -0.93
CHANGE IN WATER LEVEL SINCE 1975 (FT):  1.40

MEAN WATER LEVEL FOR PERIOD OF RECORD:  6.57

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NE NW NW 26 23N 07WIM
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
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):  -14.26
MAXIMUM DEPTH TO WATER (FT):  39.49

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.03
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.96
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  11.53
CHANGE IN WATER LEVEL SINCE 1975 (FT):  24.61

MEAN WATER LEVEL FOR PERIOD OF RECORD:  27.64
AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NW NE NE 26 23N 07W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 11.39
MAXIMUM DEPTH TO WATER (FT): 29.60

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.19
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 9.96
CHANGE IN WATER LEVEL SINCE 1975 (FT): 16.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.59

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NE NW NE 27 23N 07W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 30.32
MAXIMUM DEPTH TO WATER (FT): 55.79

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.69
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.56
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 9.75
CHANGE IN WATER LEVEL SINCE 1950 (FT): 23.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.54
AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NW SW NW 27 23N 07W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 27.85
MAXIMUM DEPTH TO WATER (FT): 48.63

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.81
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.92
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 11.42
CHANGE IN WATER LEVEL SINCE 1950 (FT): 19.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.12

AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NE NW NW 27 23N 07W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 30.99
MAXIMUM DEPTH TO WATER (FT): 50.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 11.60
CHANGE IN WATER LEVEL SINCE 1975 (FT): 18.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.33
AQUIFER: ENID ISOLATED TERRACE DEPOSITS
LEGAL DESCRIPTION: NW NE NW 28 23N 07W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1354.0
TOTAL DEPTH OF WELL (FT): 66.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 41.20
MAXIMUM DEPTH TO WATER (FT): 57.04

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1975 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 51.95
AQUIFER: GERTY SANDSTONE
LEGAL DESCRIPTION: SE SE NE 03 04N 03E1M
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 FROM 1996 TO 1997 (FT): -1.36
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.29
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.77
CHANGE IN WATER LEVEL SINCE 1975 (FT): 3.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.37

AQUIFER: GERTY SANDSTONE
LEGAL DESCRIPTION: SW SW SW 14 04N 03E1M
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 1996 TO 1997 (FT): 1.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.66
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 6.48
CHANGE IN WATER LEVEL SINCE 1975 (FT): 2.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 68.48
GRADY COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NW SE 10 03N 07W1M
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 1996 TO 1997 (FT): -3.18
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.92
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.88
CHANGE IN WATER LEVEL SINCE 1979 (FT): -0.74

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.61

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NW SW 17 03N 07W1M
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 1996 TO 1997 (FT): -0.96
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.08
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.10
CHANGE IN WATER LEVEL SINCE 1989 (FT): 37.28

MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.28
**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): 84.60**  
**MAXIMUM DEPTH TO WATER (FT): 132.37**

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.52  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -2.50  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -10.98  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 31.24  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 102.77

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**AQUIFER: RUSH SPRINGS SANDSTONE**  
**LEGAL DESCRIPTION: SW NW SW 20 04N 07WIM**  
**LATITUDE: 34.802198200 LONGITUDE: 97.965337000**  
**WELL USE: OBSERVATION**  
**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): 16.01**

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.58  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.27  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1990 (FT):** -0.14  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 14.49
AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NW NE NE 29 10N 06W1M
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 1996 TO 1997 (FT):  3.74
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -2.34
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -6.50
CHANGE IN WATER LEVEL SINCE 1979 (FT):  2.60

MEAN WATER LEVEL FOR PERIOD OF RECORD:  7.25
AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NE SE NE 31 26N 05WIM
LATITUDE:  
WELL USE: OBSERVATION
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): 2.89
MAXIMUM DEPTH TO WATER (FT): 18.08

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.99
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 8.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -6.84
CHANGE IN WATER LEVEL SINCE 1975 (FT): -6.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.52

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: SE SE SE 24 26N 06WIM
LATITUDE:  
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): 6.11
MAXIMUM DEPTH TO WATER (FT): 16.33

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.11
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.84
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.35
CHANGE IN WATER LEVEL SINCE 1975 (FT): -0.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.66
GRANT COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NE NW NE 07 26N 07W IM
LATITUDE: LONGITUDE:
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): 3.21
MAXIMUM DEPTH TO WATER (FT): 12.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.38
CHANGE IN WATER LEVEL SINCE 1975 (FT): -3.26

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.50

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS
LEGAL DESCRIPTION: NE NE NW 27 26N 08W IM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 13.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.43
CHANGE IN WATER LEVEL SINCE 1907 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.95

202
**GRANT COUNTY (CONTINUED)**

**AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS**

**LEGAL DESCRIPTION:** NW NE NW 18 27N 07W1M

**LATITUDE:**

**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 1996 TO 1997 (FT):** -1.10

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 6.33

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -3.31

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** -3.34

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 10.96
GREER COUNTY

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NE SE 33 04N 23WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 5.65
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 9.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.43
CHANGE IN WATER LEVEL SINCE 1952 (FT): 18.93

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.05

AQUIFER: GRANITE WASH
LEGAL DESCRIPTION: NE NE NE 08 05N 20WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1582.0
TOTAL DEPTH OF WELL (FT): 57.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 21.74
MAXIMUM DEPTH TO WATER (FT): 38.00

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.61
AQUIFER: GRANITE WASH
LEGAL DESCRIPTION: NE NW NW 19 05N 20WIM
LATITUDE:               LONGITUDE:
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 1996 TO 1997 (FT):  0.97
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  5.74
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  10.37
CHANGE IN WATER LEVEL SINCE 1980 (FT):  12.65

MEAN WATER LEVEL FOR PERIOD OF RECORD:  24.16

AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER
LEGAL DESCRIPTION: NW SE NE 08 05N 21WIM
LATITUDE:               LONGITUDE:
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):  23.73
MAXIMUM DEPTH TO WATER (FT):  28.18

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  2.92
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.69
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  2.74
CHANGE IN WATER LEVEL SINCE 1980 (FT):  4.25

MEAN WATER LEVEL FOR PERIOD OF RECORD:  26.39
GREER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER
LEGAL DESCRIPTION: NE NE NE 23 05N 21W1M
LATITUDE: LONGITUDE:
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): 24.03
MAXIMUM DEPTH TO WATER (FT): 31.80

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.92
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.70
CHANGE IN WATER LEVEL SINCE 1980 (FT): 6.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.74

AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER
LEGAL DESCRIPTION: NW SW SE 04 05N 22W1M
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 1.76
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.77
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.03
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.77

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.43

206
AQUIFER: A & T DEPOSITS OF SALT FORK RED RIVER
LEGAL DESCRIPTION: SE SW SE 12 05N 22WIM
LATITUDE: 1570.0
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 46.0
TOTAL DEPTH OF WELL (FT): 23.75
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 27.79
MAXIMUM DEPTH TO WATER (FT):

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.44
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.91
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.13

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW SE NE 27 05N 23WIM
LATITUDE: 1721.0
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 109.0
TOTAL DEPTH OF WELL (FT): 52.68
PERIOD OF RECORD: 1957 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 73.53
MAXIMUM DEPTH TO WATER (FT):

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.92
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.43
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.70
CHANGE IN WATER LEVEL SINCE 1957 (FT): 20.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 63.27
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NW NE 07 06N 20WIM
LATITUDE: LONGITUDE:
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): 23.38
MAXIMUM DEPTH TO WATER (FT): 29.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.27
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.88
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.52
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.47

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NW SW 02 06N 21WIM
LATITUDE: LONGITUDE:
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): 24.12
MAXIMUM DEPTH TO WATER (FT): 35.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.23
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.64
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 10.88
CHANGE IN WATER LEVEL SINCE 1980 (FT): 8.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.10

208
AQUIFER: A & T DEPOSITS OF ELM FORK OF THE RED RIVER
LEGAL DESCRIPTION: SW SE NW 25 06N 23W
LATITUDE:  
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): 23.97
MAXIMUM DEPTH TO WATER (FT): 30.83

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.34

MEAN WATER LEVEL FOR PERIOD OF RECORD: .27.04

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SE SW 03 07N 21W
LATITUDE:  
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): 24.00
MAXIMUM DEPTH TO WATER (FT): 30.33

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.00
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.73
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.35
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.56
GREER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW NW 06 07N 21WIM
LATITUDE: LONGITUDE:
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): 20.73
MAXIMUM DEPTH TO WATER (FT): 28.45

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.40

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW SW SW 16 07N 21WIM
LATITUDE: LONGITUDE:
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): 8.01
MAXIMUM DEPTH TO WATER (FT): 22.66

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.71
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 8.16
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.29
CHANGE IN WATER LEVEL SINCE 1980 (FT): 11.26

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.19

210
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE SW NW 19 07N 21WIM
LATITUDE:     LONGITUDE:
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): 22.70
MAXIMUM DEPTH TO WATER (FT): 38.52

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 7.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 12.48
CHANGE IN WATER LEVEL SINCE 1981 (FT): 14.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.49

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 31 07N 21WIM
LATITUDE:     LONGITUDE:
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 1996 TO 1997 (FT): 3.19
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.91
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 10.86
CHANGE IN WATER LEVEL SINCE 1980 (FT): 17.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.06
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE SW 10 07N 22W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 32.74
MAXIMUM DEPTH TO WATER (FT): 48.14

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.75
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.84
CHANGE IN WATER LEVEL SINCE 1980 (FT): 11.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 38.29
### Aquifer: Dog Creek Shale and Blaine Gypsum

**Legal Description:** NE NE NE 14 01N 24WIM

**Latitude:**

**Longitude:**

**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):** 86.91

**Maximum Depth to Water (FT):** 86.91

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**Change in Water Level from 1996 to 1997 (FT):**

**Change in Water Level from 1992 to 1997 (FT):**

**Change in Water Level from 1987 to 1997 (FT):**

**Change in Water Level since 1997 (FT):** 0.00

**Mean Water Level for Period of Record:** 86.91

---

### Aquifer: Dog Creek Shale and Blaine Gypsum

**Legal Description:** SW SW SE 34 01N 24WIM

**Latitude:**

**Longitude:**

**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):** 67.20

**Maximum Depth to Water (FT):** 57.74

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**Change in Water Level from 1996 to 1997 (FT):** -0.06

**Change in Water Level from 1992 to 1997 (FT):** -1.02

**Change in Water Level from 1987 to 1997 (FT):** 2.30

**Change in Water Level since 1956 (FT):** 8.38

**Mean Water Level for Period of Record:** 15.63
HARMON COUNTY (CONTINUED)

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NE SE 12 01N 25WIM
LATITUDE: LONGITUDE:
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 1992 TO 1997 (FT): -2.17
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.59
CHANGE IN WATER LEVEL SINCE 1978 (FT): 15.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.83

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW SE SE 35 01N 25WIM
LATITUDE: LONGITUDE:
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): 6.95
MAXIMUM DEPTH TO WATER (FT): 21.67

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.85
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.98
CHANGE IN WATER LEVEL SINCE 1978 (FT): 8.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.13

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HARMON COUNTY (CONTINUED)

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM  
LEGAL DESCRIPTION: SE SE SE 21 02N 24WIM  
LATITUDE:  LONGITUDE:  
WELL USE: OBSERVATION  
ELEVATION OF LAND SURFACE (FT):  1528.0  
TOTAL DEPTH OF WELL (FT):  265.0  
PERIOD OF RECORD: 1997 TO PRESENT  
MINIMUM DEPTH TO WATER (FT):  36.44  
MAXIMUM DEPTH TO WATER (FT):  36.44

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  
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CHANGE IN WATER LEVEL SINCE 1997 (FT):  0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD:  36.44

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM  
LEGAL DESCRIPTION: NW NW NE 31 02N 24WIM  
LATITUDE:  LONGITUDE:  
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):  40.35  
MAXIMUM DEPTH TO WATER (FT):  40.35

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CHANGE IN WATER LEVEL SINCE 1997 (FT):  0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD:  40.35
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE NW 23 02N 25WIM
LATITUDE:  
LONGITUDE:  
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): 7.05
MAXIMUM DEPTH TO WATER (FT): 22.27

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1992 (FT): 4.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.80

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW NW 05 02N 26WIM
LATITUDE:  
LONGITUDE:  
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): 18.25
MAXIMUM DEPTH TO WATER (FT): 83.53

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.47
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.23
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 17.50
CHANGE IN WATER LEVEL SINCE 1952 (FT): 4.78

MEAN WATER LEVEL FOR PERIOD OF RECORD: 46.23

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HARMON COUNTY (CONTINUED)

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SE NE NE 15 02N 26WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1665.0
TOTAL DEPTH OF WELL (FT): 130.0
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 57.05
MAXIMUM DEPTH TO WATER (FT): 95.24

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.30
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 13.15
CHANGE IN WATER LEVEL SINCE 1956 (FT): 18.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 78.72

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SW NW SW 31 02N 26WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.40
CHANGE IN WATER LEVEL SINCE 1952 (FT): 32.98

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.98
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW SW SW 01 02N 27WIM
LATITUDE: LONGITUDE:
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): 29.44
MAXIMUM DEPTH TO WATER (FT): 91.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.34
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 8.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 16.91
CHANGE IN WATER LEVEL SINCE 1954 (FT): 12.35

MEAN WATER LEVEL FOR PERIOD OF RECORD: 61.17

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE NE 02 03N 24WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 18.06
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.46
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.35
CHANGE IN WATER LEVEL SINCE 1954 (FT): 42.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 58.63
### AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM

**LEGAL DESCRIPTION:** NW NW NW 32 03N 25WIM

**LATITUDE:**

**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):** 18.00

**MAXIMUM DEPTH TO WATER (FT):** 78.08

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.60

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.80

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 10.17

**CHANGE IN WATER LEVEL SINCE 1956 (FT):** 24.50

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 45.86

### AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM

**LEGAL DESCRIPTION:** SW SW SW 12 03N 26WIM

**LATITUDE:**

**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):** 32.10

**MAXIMUM DEPTH TO WATER (FT):** 32.10

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1997 (FT):** 0.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 32.10
### AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN

**LEGAL DESCRIPTION:** SW SE NW 13 25N 24W1M

**LATITUDE:**
**LONGITUDE:**

**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):** 20.36

**MAXIMUM DEPTH TO WATER (FT):** 39.69

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.07

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 2.31

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 14.55

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 16.88

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 30.64

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

**LEGAL DESCRIPTION:** NW SW SW 17 25N 24W1M

**LATITUDE:**
**LONGITUDE:**

**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):** 5.60

**MAXIMUM DEPTH TO WATER (FT):** 9.57

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.08

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.54

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -1.68

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** -3.24

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 7.95
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NW 09 25N 25WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 0.04
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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.55
CHANGE IN WATER LEVEL SINCE 1977 (FT): 2.04
MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.15

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NW 32 25N 25WIM
LATITUDE: LONGITUDE:
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): 81.89

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -11.05
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -9.27
CHANGE IN WATER LEVEL SINCE 1981 (FT): -5.29
MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.81
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SE 34 25N 25WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 12.93
MAXIMUM DEPTH TO WATER (FT): 15.80

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989. (FT): -1.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.01

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NE 25 25N 26WIM
LATITUDE: LONGITUDE:
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): 30.73
MAXIMUM DEPTH TO WATER (FT): 36.03

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.43
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.75
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.05
CHANGE IN WATER LEVEL SINCE 1977 (FT): 1.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 33.80
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SE 35 25N 26WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2342.0
TOTAL DEPTH OF WELL (FT): 270.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 53.29
MAXIMUM DEPTH TO WATER (FT): 56.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.13
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.20
CHANGE IN WATER LEVEL SINCE 1980 (FT): -0.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 55.27

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SE NE 35 26N 24WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 0.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.57
CHANGE IN WATER LEVEL SINCE 1979 (FT): 4.77

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.82
HARPER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW SE SE 17 26N 25WIM
LATITUDE: LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2110.0
TOTAL DEPTH OF WELL (FT): 80.0
PERIOD OF RECORD: 1972 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.83
MAXIMUM DEPTH TO WATER (FT): 9.84

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.68
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.14
CHANGE IN WATER LEVEL SINCE 1972 (FT): 4.76
MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.49

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE SE SE 31 26N 25WIM
LATITUDE: LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2192.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.47
MAXIMUM DEPTH TO WATER (FT): 17.38

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 6.31
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.31
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.36
CHANGE IN WATER LEVEL SINCE 1979 (FT): 8.15
MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.26

224
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NW SE 32 26N 25WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 9.23
MAXIMUM DEPTH TO WATER (FT): 11.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.08
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.98
CHANGE IN WATER LEVEL SINCE 1989 (FT): -1.47
MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.51

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SE 23 26N 26WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2251.0
TOTAL DEPTH OF WELL (FT): 110.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 52.58
MAXIMUM DEPTH TO WATER (FT): 55.73

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.09
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.98
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.62
MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.45

225
HARPER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE NE NE 19 27N 25WIM
LATITUDE: [REMOVED]  LONGITUDE: [REMOVED]
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 1996 TO 1997 (FT):  -0.77
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.87
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -2.41
CHANGE IN WATER LEVEL SINCE 1972 (FT):  0.36

MEAN WATER LEVEL FOR PERIOD OF RECORD:  6.50

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NE SE 12 27N 26WIM
LATITUDE: [REMOVED]  LONGITUDE: [REMOVED]
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 1996 TO 1997 (FT):  0.16
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.89
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  3.96
CHANGE IN WATER LEVEL SINCE 1980 (FT):  7.58

MEAN WATER LEVEL FOR PERIOD OF RECORD:  25.00
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NW NE 13 27N 26WIM
LATITUDE:  LONSDON:  WEL 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 1996 TO 1997 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.84
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.64
CHANGE IN WATER LEVEL SINCE 1979 (FT): 4.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.65

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SE SW 35 27N 26WIM
LATITUDE:  LONSDON:  WEL 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):  11.85
MAXIMUM DEPTH TO WATER (FT):  14.38

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.06
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.62
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.62
CHANGE IN WATER LEVEL SINCE 1989 (FT): -0.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.82
HARPER COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE SE 20 28N 24W1M
LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -0.16
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): -4.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.37

AQUIFER: MARLOW FORMATION
LEGAL DESCRIPTION: NE SW SW 23 29N 24W1M
LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): -1.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.91
### AQUIFER: BOGGY FORMATION

**LEGAL DESCRIPTION:** SW SE SW 11 08N 19EIM  
**LATITUDE:**  
**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):** 3.76  
**MAXIMUM DEPTH TO WATER (FT):** 32.67

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 21.23  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 12.59  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 22.09  
**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 12.99

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 20.10

### AQUIFER: HARTSHORNE SANDSTONE

**LEGAL DESCRIPTION:** SW SW SW 24 09N 20EIM  
**LATITUDE:**  
**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 1996 TO 1997 (FT):** 4.28  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1994 (FT):** 1.49

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 19.38
AQUIFER: ISOLATED TERRACE DEPOSITS S OF THE CANADIAN LEGAL DESCRIPTION: SW NW SE 07 04N 10E15M LATITUDE: LONGITUDE:
WELL USE: DOMESTIC ELEVATION OF LAND SURFACE (FT): 840.0 TOTAL DEPTH OF WELL (FT): 51.0 PERIOD OF RECORD: 1992 TO PRESENT MINIMUM DEPTH TO WATER (FT): 17.87 MAXIMUM DEPTH TO WATER (FT): 22.43

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.06
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.95
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1992 (FT): -1.95
MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.68

AQUIFER: ISOLATED TERRACE DEPOSITS S OF THE CANADIAN LEGAL DESCRIPTION: SE SE NW 07 04N 10E15M LATITUDE: LONGITUDE:
WELL USE: IRRIGATION ELEVATION OF LAND SURFACE (FT): 850.0 TOTAL DEPTH OF WELL (FT): 54.0 PERIOD OF RECORD: 1992 TO PRESENT MINIMUM DEPTH TO WATER (FT): 25.70 MAXIMUM DEPTH TO WATER (FT): 30.47

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1992 (FT): -3.10
MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.69
### HUGHES COUNTY (CONTINUED)

**AQUIFER: THURMAN SANDSTONE**  
**LEGAL DESCRIPTION:** NE NE NE 13 04N 11E1M  
**LATITUDE:**  
**LONGITUDE:**  
**WELL USE:** OBSERVATION  
**ELEVATION OF LAND SURFACE (FT):** 815.0  
**TOTAL DEPTH OF WELL (FT):**  
**PERIOD OF RECORD:** 1978 TO PRESENT  
**MINIMUM DEPTH TO WATER (FT):** 1.50  
**MAXIMUM DEPTH TO WATER (FT):** 55.50  

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.21  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.50  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.52  
**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 53.40  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 8.78

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### AQUIFER: WEWOKA CREEK  
**LEGAL DESCRIPTION:** NE SE SW 18 08N 09E1M  
**LATITUDE:**  
**LONGITUDE:**  
**WELL USE:** OBSERVATION  
**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 1996 TO 1997 (FT):** 1.69  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.85  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.93  
**CHANGE IN WATER LEVEL SINCE 1986 (FT):** 1.25  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.69
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE SE 05 01N 23WIM
LATITUDE: LONGITUDE:
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): 48.80
MAXIMUM DEPTH TO WATER (FT): 48.80

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CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.80

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NE NW 07 01S 23WIM
LATITUDE: LONGITUDE:
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): 31.80
MAXIMUM DEPTH TO WATER (FT): 31.80

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CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00
MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.80
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NW NW NE 02 01S 24WIM
LATITUDE: LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1452.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1957 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 22.16
MAXIMUM DEPTH TO WATER (FT): 38.83

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.94
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.20
CHANGE IN WATER LEVEL SINCE 1957 (FT): 10.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.41

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AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SW SW NW 34 01S 24WIM
LATITUDE: LONGITUDE:
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): 72.00

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MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.00

233
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SW SW SW 13 01S 25WIM
LATITUDE:  LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  1527.0
TOTAL DEPTH OF WELL (FT):  130.0
PERIOD OF RECORD: 1986 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  68.85
MAXIMUM DEPTH TO WATER (FT):  80.48

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.66
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -1.20
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  1.51
CHANGE IN WATER LEVEL SINCE 1986 (FT):  3.12
MEAN WATER LEVEL FOR PERIOD OF RECORD:  72.09

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE SE SE 08 02N 22WIM
LATITUDE:  LONGITUDE:
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 1992 TO 1997 (FT):  -3.31
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -4.70
CHANGE IN WATER LEVEL SINCE 1954 (FT):  8.97
MEAN WATER LEVEL FOR PERIOD OF RECORD:  32.72
AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SE NW NW 12 02N 23WIM
LATITUDE:
LONGITUDE:
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 1996 TO 1997 (FT): 1.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.38
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -8.10
CHANGE IN WATER LEVEL SINCE 1951 (FT): 5.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.15

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE NE 21 02N 23WIM
LATITUDE:
LONGITUDE:
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 1996 TO 1997 (FT): -0.36
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.79
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.08
CHANGE IN WATER LEVEL SINCE 1953 (FT): 17.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.57
JACKSON COUNTY (CONTINUED)

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: SE NE NE 27 03N 23WIM
LATITUDE: LONGITUDE: 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): 21.10
MAXIMUM DEPTH TO WATER (FT): 54.01

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.35
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.72
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.26
CHANGE IN WATER LEVEL SINCE 1952 (FT): 10.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.98

AQUIFER: DOG CREEK SHALE AND BLAINE GYPSUM
LEGAL DESCRIPTION: NE NE NE 30 03N 23WIM
LATITUDE: LONGITUDE: WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1455.0
TOTAL DEPTH OF WELL (FT): 90.0
PERIOD OF RECORD: 1986 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 10.15
MAXIMUM DEPTH TO WATER (FT): 19.05

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.65
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.08
CHANGE IN WATER LEVEL SINCE 1986 (FT): 8.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.75

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JOHNSON COUNTY

AQUIFER: ARBUCKLE GROUP
LEGAL DESCRIPTION: NE NE NE 26 01S 06E1M
LATITUDE: LONGITUDE:
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): 31.15
MAXIMUM DEPTH TO WATER (FT): 34.76

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.61
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1994 (FT): 2.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.97

AQUIFER: ATOKA FORMATION
LEGAL DESCRIPTION: SW SW SW 14 02S 08E1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.58
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.80
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.55
CHANGE IN WATER LEVEL SINCE 1979 (FT): 0.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.84
AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SW NW NW 16 048 04E1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -1.56
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -9.35
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.38
CHANGE IN WATER LEVEL SINCE 1977 (FT): 1.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.66
KAY COUNTY

AQUIFER: A & T DEPOSITS OF SALT FORK OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NW NW 08 25N 01WIM
LATITUDE: LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 960.0
TOTAL DEPTH OF WELL (FT): 32.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 5.67
MAXIMUM DEPTH TO WATER (FT): 11.79

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.59
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1978 (FT): 3.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.15

AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: SE SE NE 26 26N 02WIM
LATITUDE: LONGITUDE:
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): 21.66
MAXIMUM DEPTH TO WATER (FT): 32.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -5.24
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.01
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1990 (FT): -3.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.33

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KAY COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NW NW 36 26N 03E1M
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):   0.94
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):   0.26
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):   
CHANGE IN WATER LEVEL SINCE 1991 (FT):          1.06

MEAN WATER LEVEL FOR PERIOD OF RECORD:      22.16

AQUIFER: A & T DEPOSITS OF THE CHIKASKA RIVER
LEGAL DESCRIPTION: SW SE SW 19 29N 02WIM
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):   -2.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):   -0.30
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):   -1.93
CHANGE IN WATER LEVEL SINCE 1975 (FT):          -2.66

MEAN WATER LEVEL FOR PERIOD OF RECORD:      32.53
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SE 10 17N 05WIM
LATITUDE: 35.957110300 LONGITUDE: 97.720844300
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -1.23
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.40
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.20
CHANGE IN WATER LEVEL SINCE 1975 (FT): 1.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.11

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW NW 18 17N 06WIM
LATITUDE: 35.951168700 LONGITUDE: 97.889694800
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.53
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.86
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.38
CHANGE IN WATER LEVEL SINCE 1975 (FT): -1.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 2.49

241
KINGFISHER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 11 17N 07WIM
LATITUDE: 35.958165900  LONGITUDE: 97.913807900
WELL USE: OBSERVATION
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): 13.06

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.38
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.42
CHANGE IN WATER LEVEL SINCE 1975 (FT): -1.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.49

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE SE 12 17N 07WIM
LATITUDE: 35.963906700  LONGITUDE: 97.892023600
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.02
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.00
CHANGE IN WATER LEVEL SINCE 1975 (FT): -0.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.53
### KINGFISHER COUNTY (CONTINUED)

**AQUIFER: BISON SHALE**

**LEGAL DESCRIPTION:** NE SW 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 1996 TO 1997 (FT):** 1.16  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.22  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 1.38  
**CHANGE IN WATER LEVEL SINCE 1987 (FT):** 1.38  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 3.71

---

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** SE NW SW 03 18N 06WIM  
**LATITUDE:** 36.061614100 **LONGITUDE:** 97.832020500  
**WELL USE:** OBSERVATION  
**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):** 2.96  
**MAXIMUM DEPTH TO WATER (FT):** 11.47

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.34  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.68  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.68  
**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 3.31  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.88

---

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### KINGFISHER COUNTY (CONTINUED)

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** SW NE NE 07 18N 06WIM

**LATITUDE:** 36.055167500  **LONGITUDE:** 97.874658400

**WELL USE:** OBSERVATION

**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 1996 TO 1997 (FT):** 0.67

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** -1.02

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 5.60

---

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** NW NE NE 17 18N 06WIM

**LATITUDE:** 36.043507300  **LONGITUDE:** 97.857721600

**WELL USE:** DOMESTIC

**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 1996 TO 1997 (FT):** -0.69

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.91

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -6.42

**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 14.45

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 25.22
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE NW 31 18N 06W1M
LATITUDE: 36.000552200 LONGITUDE: 97.882810200
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -1.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.49
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.97
CHANGE IN WATER LEVEL SINCE 1975 (FT): 2.72

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.83

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 21 18N 07W1M
LATITUDE: 36.015900300 LONGITUDE: 97.949053000
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -0.95
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.80
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.25
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.89

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.05
KINGFISHER COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SE 12 18N 08WM
LATITUDE: 36.045504400 LONGITUDE: 97.999972200
WELL USE: OBSERVATION
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): 5.93
MAXIMUM DEPTH TO WATER (FT): 11.35

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.42
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 3.67
MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.64

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW NW 13 18N 08WM
LATITUDE: 36.042450800 LONGITUDE: 98.014646200
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1093.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.20
MAXIMUM DEPTH TO WATER (FT): 10.71

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1975 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 2.76
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 30 19N 07WIM
LATITUDE: 36.088752800  LONGITUDE: 97.986112000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1182.7
TOTAL DEPTH OF WELL (FT): 75.0
PERIOD OF RECORD: 1986 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.46
MAXIMUM DEPTH TO WATER (FT): 35.92

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.98
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.75
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.71
CHANGE IN WATER LEVEL SINCE 1986 (FT): 1.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.52

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE NE 03 19N 08WIM
LATITUDE: 36.158156100  LONGITUDE: 98.034554900
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1228.0
TOTAL DEPTH OF WELL (FT): 46.0
PERIOD OF RECORD: 1975 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 0.02
MAXIMUM DEPTH TO WATER (FT): 8.20

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.03
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.15
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.31
CHANGE IN WATER LEVEL SINCE 1975 (FT): -1.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.73
**KINGFISHER COUNTY (CONTINUED)**

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**
**LEGAL DESCRIPTION:** SE SW SE 17 19N 08W1M
**LATITUDE:** 36.116220800  **LONGITUDE:** 98.075051400
**WELL USE:** OBSERVATION
**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 1996 TO 1997 (FT):** 1.78
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.98
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -4.83
**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 0.20

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 8.64

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**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**
**LEGAL DESCRIPTION:** SW NE SE 27 19N 08W1M
**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):** 1.69
**MAXIMUM DEPTH TO WATER (FT):** 11.84

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.94
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 7.14
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**
**CHANGE IN WATER LEVEL SINCE 1975 (FT):** 4.26

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.50
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SE 13 19N 09WIM
LATITUDE: 36.117277600 LONGITUDE: 98.106476200
WELL USE: OBSERVATION
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): 9.47
MAXIMUM DEPTH TO WATER (FT): 11.83

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.53
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.83
KIOWA COUNTY

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SE SE 04 02N 17W1M
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  1.11
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.52
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.71
CHANGE IN WATER LEVEL SINCE 1981 (FT):  10.64

MEAN WATER LEVEL FOR PERIOD OF RECORD:  6.58

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SW 12 02N 17W1M
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  2.08
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  5.79
CHANGE IN WATER LEVEL SINCE 1979 (FT):  15.80

MEAN WATER LEVEL FOR PERIOD OF RECORD:  13.06
KIOWA COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE NE 15 02N 17W1M

LATITUDE: LONGITUDE:

WELL USE: IRRIGATION

ELEVATION OF LAND SURFACE (FT): 1342.0

TOTAL DEPTH OF WELL (FT): 45.0

PERIOD OF RECORD: 1985 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 1996 TO 1997 (FT): 0.85

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.72

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.82

CHANGE IN WATER LEVEL SINCE 1985 (FT): 14.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.28

---

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SE NE 17 02N 17W1M

LATITUDE: LONGITUDE:

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 1996 TO 1997 (FT): 1.60

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.93

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.17

CHANGE IN WATER LEVEL SINCE 1979 (FT): 13.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.23
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SE 27 03N 17WIM
LATITUDE:    LONGITUDE:
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 1992 TO 1997 (FT): 1.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  6.63
CHANGE IN WATER LEVEL SINCE 1979 (FT):         14.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.08

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE NE SW 28 03N 17WIM
LATITUDE:    LONGITUDE:
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 1996 TO 1997 (FT): -0.47
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.78
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  2.31
CHANGE IN WATER LEVEL SINCE 1976 (FT):         4.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.35
**AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED**

**LEGAL DESCRIPTION:** SW SW NW 19 04N 18WIM

**LATITUDE:**  
**LONGITUDE:**

**WELL USE:** OBSERVATION

**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 1996 TO 1997 (FT):** 0.28

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.34

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.80

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 2.37

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 5.96

---

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

**LEGAL DESCRIPTION:** NE NE NE 25 04N 19WIM

**LATITUDE:**  
**LONGITUDE:**

**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 1996 TO 1997 (FT):** -0.67

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.08

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.52

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 1.03

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 11.58

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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 20WIM
LATITUDE: LONGITUDE:
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 1590.0
TOTAL DEPTH OF WELL (FT): 60.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 19.95
MAXIMUM DEPTH TO WATER (FT): 30.34

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.93
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.76
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.34
CHANGE IN WATER LEVEL SINCE 1978 (FT): 6.12
MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.27

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE SE NE 20 06N 20WIM
LATITUDE: LONGITUDE:
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): 20.55
MAXIMUM DEPTH TO WATER (FT): 34.81

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.40
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 9.75
CHANGE IN WATER LEVEL SINCE 1978 (FT): 7.09
MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.16

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

#### LEGAL DESCRIPTION: NE SW SW 21 06N 20WIM

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| CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): | 1.13 |
| CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): | 6.93 |
| CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): | 11.65 |
| CHANGE IN WATER LEVEL SINCE 1978 (FT):        | 9.47 |

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 28.14

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

#### LEGAL DESCRIPTION: SW SE SW 23 06N 20WIM

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| CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): | 1.42 |
| CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): | 3.42 |
| CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): | 4.17 |
| CHANGE IN WATER LEVEL SINCE 1978 (FT):        | 5.72 |

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 14.16
**KIOWA COUNTY (CONTINUED)**

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

**LEGAL DESCRIPTION:** NE NE SE 35 06N 20W1M

**LATITUDE:**  

**LONGITUDE:**  

**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 1996 TO 1997 (FT):** 2.23

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.86

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.43

**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 5.05

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 8.20

---

**AQUIFER: A & T DEPOSITS OF RAINY MOUNTAIN CREEK**

**LEGAL DESCRIPTION:** SW SW NW 14 07N 15W1M

**LATITUDE:**  

**LONGITUDE:**  

**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 1996 TO 1997 (FT):** -0.50

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.64

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 8.01

**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 14.68

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256
AQUIFER: HENNESSY GROUP
LEGAL DESCRIPTION: NW SW NW 32 07N 18W1M
LATITUDE: LONGITUDE:
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): 15.35
MAXIMUM DEPTH TO WATER (FT): 20.34

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.08
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.63
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.20
CHANGE IN WATER LEVEL SINCE 1978 (FT): 1.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.15
LATIMER COUNTY

AQUIFER: BIGFORK CHERT
LEGAL DESCRIPTION: SW NW NW 27 03N 20E1M
LATITUDE: LONGITUDE:
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): 16.42
MAXIMUM DEPTH TO WATER (FT): 20.14

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.72
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.37
CHANGE IN WATER LEVEL SINCE 1992 (FT): 1.37
MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.03
LEFLORE COUNTY

AQUIFER: LYNN MOUNTAIN FORMATION
LEGAL DESCRIPTION: SW NE NW 11 04N 26E1M
LATITUDE:  
LONGITUDE:
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):  22.70
MAXIMUM DEPTH TO WATER (FT):  70.18

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  0.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  8.13
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  13.30
CHANGE IN WATER LEVEL SINCE 1980 (FT):  23.09

MEAN WATER LEVEL FOR PERIOD OF RECORD:  37.00

AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: SW SW SW 13 10N 24E1M
LATITUDE:  
LONGITUDE:
WELL USE: OBSERVATION
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):  22.72

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1994 (FT):  -2.82

MEAN WATER LEVEL FOR PERIOD OF RECORD:  21.67
LINCOLN COUNTY

AQUIFER: VANOS 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): 55.94
MAXIMUM DEPTH TO WATER (FT): 71.12

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 6.42
CHANGE IN WATER LEVEL SINCE 1980 (FT): 15.18
MEAN WATER LEVEL FOR PERIOD OF RECORD: 64.01

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 1992 TO 1997 (FT): 15.45
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.91
CHANGE IN WATER LEVEL SINCE 1980 (FT): 0.84
MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.07
LINCOLN COUNTY (CONTINUED)

AQUIFER: WELLINGTON FORMATION
LEGAL DESCRIPTION: SE SW SE 35 16N 02E1M
LATITUDE: 35.797435600 LONGITUDE: 97.057964200
WELL USE: OBSERVATION
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): 119.08
MAXIMUM DEPTH TO WATER (FT): 122.19

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -3.11
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): -3.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 120.64
LOGAN COUNTY

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE SW SW 05 16N 04W1M
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 1996 TO 1997 (FT): -4.61
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.14
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.12
CHANGE IN WATER LEVEL SINCE 1983 (FT): 4.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.03

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW NW 16 17N 02W1M
LATITUDE: 35.956438100 LONGITUDE: 97.423597900
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 905.0
TOTAL DEPTH OF WELL (FT): 34.0
PERIOD OF RECORD: 1984 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 1.98
MAXIMUM DEPTH TO WATER (FT): 12.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 5.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 9.14
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.29
CHANGE IN WATER LEVEL SINCE 1984 (FT): 10.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.75

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LOGAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SE SW 27 17N 04WIM
LATITUDE: 35.913250600 LONGITUDE: 97.614378000
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -1.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.22
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.26
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.21

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SW 31 17N 04WIM
LATITUDE: 35.898899500 LONGITUDE: 97.675351100
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -3.51
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.11
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.75
CHANGE IN WATER LEVEL SINCE 1975 (FT): 5.39

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.24
LOGAN COUNTY (CONTINUED)

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
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 1996 TO 1997 (FT): -1.78
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.35
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.30
CHANGE IN WATER LEVEL SINCE 1975 (FT): 0.38

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.31
LOVE COUNTY

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NE NE NW 21 088 02WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -1.25
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.63
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.02
CHANGE IN WATER LEVEL SINCE 1980 (FT): 8.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.78
**MAJOR COUNTY**

**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

**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):** 4.74

**MAXIMUM DEPTH TO WATER (FT):** 24.55

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.75

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 6.56

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** 12.16

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 17.76

---

**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

**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 1996 TO 1997 (FT):** -0.48

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.04

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 1.42

**CHANGE IN WATER LEVEL SINCE 1978 (FT):** 8.14

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 14.68
**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

**LEGAL DESCRIPTION:** NE SE NE 20 20N 13WIM

**LATITUDE:** 36.198490700 **LONGITUDE:** 98.605152100

**WELL USE:** OBSERVATION

**ELEVATION OF LAND SURFACE (FT):** 1710.0

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

**PERIOD OF RECORD:** 1979 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 13.20

**MAXIMUM DEPTH TO WATER (FT):** 21.34

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.00

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.46

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 4.06

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 8.08

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 17.94

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**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:** OBSERVATION

**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):** 34.17

**MAXIMUM DEPTH TO WATER (FT):** 38.38

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.16

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.81

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.23

**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 3.23

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 36.71
MAJOR COUNTY (CONTINUED)

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: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1740.0
TOTAL DEPTH OF WELL (FT): 78.0
PERIOD OF RECORD: 1969 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 31.52
MAXIMUM DEPTH TO WATER (FT): 37.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.61
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.48
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.94

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW NE NE 21 20N 14WIM
LATITUDE: 36.198406900 LONGITUDE: 98.695758700
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1750.0
TOTAL DEPTH OF WELL (FT): 130.0
PERIOD OF RECORD: 1969 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 23.19
MAXIMUM DEPTH TO WATER (FT): 29.28

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.31
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 5.79

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.14

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### 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:** OBSERVATION  
**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):** 27.93  
**MAXIMUM DEPTH TO WATER (FT):** 29.66  

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.68  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 1.27  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 28.99

### AQUIFER: MARLOW FORMATION

**LEGAL DESCRIPTION:** SW NE SW 05 20N 15WIM  
**LATITUDE:** 36.236956200 **LONGITUDE:** 98.828334400  
**WELL USE:** OBSERVATION  
**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):** 71.46  
**MAXIMUM DEPTH TO WATER (FT):** 77.74  

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.67  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.99  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 6.14  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 75.06
MAJOR COUNTY (CONTINUED)

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
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 1996 TO 1997 (FT): -7.44
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.12
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.30
CHANGE IN WATER LEVEL SINCE 1976 (FT): 6.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 17.18

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE SE 21 21N 10WIM
LATITUDE: 36.275421200 LONGITUDE: 98.266959700
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -0.06
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.34
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.57
CHANGE IN WATER LEVEL SINCE 1978 (FT): 9.76

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.04
### MAJOR COUNTY (CONTINUED)

**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

**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):** 9.20

**MAXIMUM DEPTH TO WATER (FT):** 24.90

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -1.44

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 2.88

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 2.67

**CHANGE IN WATER LEVEL SINCE 1976 (FT):** 11.50

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 15.77

---

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** NE SW SW 03 22N 11WIM

**LATITUDE:** 36.407133600  **LONGITUDE:** 98.369486900

**WELL USE:** OBSERVATION

**ELEVATION OF LAND SURFACE (FT):** 1350.0

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

**PERIOD OF RECORD:** 1983 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 1.22

**MAXIMUM DEPTH TO WATER (FT):** 21.17

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 18.40

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 5.59

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.79

**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 5.06

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 5.82

---

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MAJOR COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SE NE 23 22N 11WIM
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 1996 TO 1997 (FT): -1.02
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.70
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.03
CHANGE IN WATER LEVEL SINCE 1978 (FT): 7.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.52

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE SE 19 23N 11WIM
LATITUDE: 36.455177700 LONGITUDE: 98.408558700
WELL USE: OBSERVATION
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): 4.40
MAXIMUM DEPTH TO WATER (FT): 9.47

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.49
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.81
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.93
CHANGE IN WATER LEVEL SINCE 1976 (FT): 1.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.42
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NE NE 25 23N 11W1M
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): 6.91
MAXIMUM DEPTH TO WATER (FT): 14.65

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.72
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.71
CHANGE IN WATER LEVEL SINCE 1983 (FT): 6.78

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.32
MARSHALL COUNTY

AQUIFER: ANTLELS SANDSTONE
LEGAL DESCRIPTION: SE SE SE 12 06S 04E1M
LATITUDE: LONGITUDE:
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): 87.47

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.95
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1994 (FT): 0.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 86.00

AQUIFER: ANTLELS SANDSTONE
LEGAL DESCRIPTION: NE NW NW 24 07S 06E1M
LATITUDE: LONGITUDE:
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): 137.12

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.15
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -9.72
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -13.41
CHANGE IN WATER LEVEL SINCE 1978 (FT): -23.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 124.34

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AQUIFER: ANTlers SANDSTONE
LEGAL DESCRIPTION: SE SW SE 05 08S 05E1M
LATITUDE: LONGITUDE:
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):  60.04

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  2.59
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1994 (FT):  2.56

MEAN WATER LEVEL FOR PERIOD OF RECORD:  59.29
MAYES COUNTY

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SE SE SW 19 20N 20E1M
LATITUDE: 
LONGITUDE:
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 1996 TO 1997 (FT): -0.59
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.72
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.42
CHANGE IN WATER LEVEL SINCE 1979 (FT): -1.85

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.15

AQUIFER: PITKIN LIMESTONE
LEGAL DESCRIPTION: SE SE NE 23 22N 20E1M
LATITUDE: 
LONGITUDE:
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): 9.05

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.05

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### MCCLAIN COUNTY

**AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER**

**LEGAL DESCRIPTION:** NW SE SE 35 06N 01WIM  
**LATITUDE:** 34.944783200  **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 1996 TO 1997 (FT):** 4.40  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.51  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.71  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 9.86  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.77

---

**AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER**

**LEGAL DESCRIPTION:** NE SE SE 10 08N 03WIM  
**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 1996 TO 1997 (FT):** 2.02  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.85  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -1.92  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 7.29  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 6.99

---

277
AQUIFER: DUNCAN SANDSTONE
LEGAL DESCRIPTION: NW SW SW 12 08N 05WIM
LATITUDE: LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):
TOTAL DEPTH OF WELL (FT): 100.0
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 138.50
MAXIMUM DEPTH TO WATER (FT): 141.72

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1983 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 139.90
MCCURTAIN COUNTY

AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: NE NE NE 27 06S 21E1M

LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION  
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 1996 TO 1997 (FT): 0.73
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.82
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.08
CHANGE IN WATER LEVEL SINCE 1956 (FT): 3.74

MEAN WATER LEVEL FOR PERIOD OF RECORD: 70.82

---

AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SW SE SE 36 06S 24E1M

LATITUDE:  
LONGITUDE:  
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): 20.16

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 6.71
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.03
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 10.95
CHANGE IN WATER LEVEL SINCE 1984 (FT): 10.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.99

279
MCCURTAIN COUNTY (CONTINUED)

AQUIFER: ANTLELS SANDSTONE
LEGAL DESCRIPTION: SE NW SW 18 07S 23E1M
LATITUDE: LONGITUDE:
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 1992 TO 1997 (FT):  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1994 (FT): -5.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 129.78
MCINTOSH COUNTY

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NW NE NE 05 08N 14E1M
LATITUDE:        LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  -1.23
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  1.27
CHANGE IN WATER LEVEL SINCE 1981 (FT):         4.92

MEAN WATER LEVEL FOR PERIOD OF RECORD:  3.47

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NW NE 26 11N 14E1M
LATITUDE:        LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  0.55
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -1.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  2.68
CHANGE IN WATER LEVEL SINCE 1983 (FT):         6.21

MEAN WATER LEVEL FOR PERIOD OF RECORD:  13.50
**AQUIFER: ARBUCKLE GROUP**
**LEGAL DESCRIPTION:** NE NE NE 25 01N 04E1M
**LATITUDE:**
**LONGITUDE:**
**WELL USE:** OBSERVATION
**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 1996 TO 1997 (FT):** 35.50
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -35.36
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**
**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 59.41

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 86.80

282
AQUIFER: HARTSHORNE SANDSTONE
LEGAL DESCRIPTION: NE NE NE 07 10N 20EIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 583.0
TOTAL DEPTH OF WELL (FT): 30.0
PERIOD OF RECORD: 1981 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.00
MAXIMUM DEPTH TO WATER (FT): 18.80

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1981 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.34
NOWATA COUNTY

AQUIFER: OOLOGAH LIMESTONE
LEGAL DESCRIPTION: SE SE NE 14 28N 17E1M
LATITUDE:  
LONGITUDE:
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 1996 TO 1997 (FT): 1.62
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.84
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.10
CHANGE IN WATER LEVEL SINCE 1979 (FT): -0.88

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.13

AQUIFER: OOLOGAH LIMESTONE
LEGAL DESCRIPTION: SW SW SE 22 28N 17E1M
LATITUDE:  
LONGITUDE:
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 1996 TO 1997 (FT): 0.88
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.03
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1979 (FT): -2.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 1.37

284
OKFUSKEE COUNTY

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NW NW 15 10N 09E1M
LATITUDE: 781.0
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 46.0
TOTAL DEPTH OF WELL (FT): 10.94
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 15.14
MAXIMUM DEPTH TO WATER (FT): 15.14

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.55
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.36
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.00
CHANGE IN WATER LEVEL SINCE 1993 (FT): 13.87

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.87

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW SW SW 11 11N 08E1M
LATITUDE: 900.0
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 70.0
TOTAL DEPTH OF WELL (FT): 39.40
PERIOD OF RECORD: 1990 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 44.75
MAXIMUM DEPTH TO WATER (FT): 44.75

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.36
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.01
CHANGE IN WATER LEVEL SINCE 1993 (FT): 42.36

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.36
OKFUSKEE COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BRAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE SW SW 33 12N 07EIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.01
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1983 (FT): -1.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.70
**OKLAHOMA COUNTY**

**AQUIFER: GARBER SANDSTONE**

**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 1996 TO 1997 (FT): -0.81

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -4.05

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 35.31

CHANGE IN WATER LEVEL SINCE 1976 (FT): -7.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 188.57

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

**LEGAL DESCRIPTION:** SE SE SW 05 11N 04WIM

LATITUDE: 35.449813100 LONGITUDE: 97.645203300

WELL USE: OBSERVATION

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 1996 TO 1997 (FT): 0.97

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.58

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.55

CHANGE IN WATER LEVEL SINCE 1983 (FT): 2.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.41
OKLAHOMA COUNTY (CONTINUED)

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SE SE SW 23 12N 02WIM
LATITUDE: 35.49668800 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 1996 TO 1997 (FT): 1.91
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.29
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.49
CHANGE IN WATER LEVEL SINCE 1979 (FT): 13.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 33.46

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NE NE SW 06 12N 03WIM
LATITUDE: 35.540806600 LONGITUDE: 97.555981000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1205.0
TOTAL DEPTH OF WELL (FT): 762.0
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 221.60
MAXIMUM DEPTH TO WATER (FT): 315.00

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -6.10
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -26.12
CHANGE IN WATER LEVEL SINCE 1978 (FT): -14.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 246.72

288
AQUIFER: GARBER SANDSTONE
LEGAL DESCRIPTION: NW NW NE 34 13N 03W1M
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): 123.73

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.55
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.36
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.77
CHANGE IN WATER LEVEL SINCE 1984 (FT): 1.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 121.52

AQUIFER: GARBER SANDSTONE
LEGAL DESCRIPTION: NE NW NE 07 14N 01E1M
LATITUDE: 35.710176700 LONGITUDE: 97.234744300
WELL USE: OBSERVATION
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 FROM 1996 TO 1997 (FT): 17.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.86
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.00
CHANGE IN WATER LEVEL SINCE 1977 (FT): 41.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.38
OKLAHOMA COUNTY (CONTINUED)

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NW SW 20 14N 01WIM
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 1996 TO 1997 (FT): -0.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.07
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.65
CHANGE IN WATER LEVEL SINCE 1976 (FT): 0.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.64

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 1996 TO 1997 (FT): 5.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.91
CHANGE IN WATER LEVEL SINCE 1978 (FT): 10.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 60.58
### Aquifer: Garber Sandstone and Wellington Formation

**Legal Description:** SE SW SE 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 1996 to 1997 (ft):** 1.30

**Change in Water Level from 1992 to 1997 (ft):** -21.25

**Change in Water Level from 1987 to 1997 (ft):** -16.17

**Change in Water Level since 1976 (ft):** 5.98

**Mean Water Level for Period of Record:** 74.94

---

### 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):** 93.90

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**Change in Water Level from 1996 to 1997 (ft):** 0.03

**Change in Water Level from 1992 to 1997 (ft):**

**Change in Water Level from 1987 to 1997 (ft):**

**Change in Water Level since 1993 (ft):** -1.97

**Mean Water Level for Period of Record:** 92.88
OKLAHOMA COUNTY (CONTINUED)

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: SE SE SE 30 14N 03W
LATITUDE: 35.653517000 LONGITUDE: 97.549889800
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1120.0
TOTAL DEPTH OF WELL (FT):
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 FROM 1996 TO 1997 (FT): 1.87
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.86
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.74
CHANGE IN WATER LEVEL SINCE 1978 (FT): 18.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 81.18
AQUIFER: WEOKA FORMATION
LEGAL DESCRIPTION: NW NW NW 36 14N 12E1M
LATITUDE: ___________________________ LATITUDE:
LONGITUDE: ___________________________ LONGITUDE:
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): 141.29
MAXIMUM DEPTH TO WATER (FT): 147.60

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.90
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -2.41

MEAN WATER LEVEL FOR PERIOD OF RECORD: 144.20
AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SE SE NW 04 28N 25E1M
LATITUDE: LONGITUDE:
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 FROM 1996 TO 1997 (FT): 1.19
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1994 (FT): 3.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 51.14

AQUIFER: BOONE GROUP
LEGAL DESCRIPTION: SW NE NE 30 29N 22E1M
LATITUDE: LONGITUDE:
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 FROM 1996 TO 1997 (FT): 0.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.54
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.87
CHANGE IN WATER LEVEL SINCE 1979 (FT): -3.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.36
PAWNEE COUNTY

AQUIFER: VAHOOZA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: SW NW NE 18 20N 08E1M
LATITUDE: LONGITUDE:
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): 24.46
MAXIMUM DEPTH TO WATER (FT): 28.39

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.93
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): 1.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 26.18

AQUIFER: ADA FORMATION
LEGAL DESCRIPTION: SW SE NE 20 21N 07E1M
LATITUDE: LONGITUDE:
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): 9.42
MAXIMUM DEPTH TO WATER (FT): 19.52

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.91
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.56
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -9.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.78

295
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW NW 08 17N 01E16M
LATITUDE:          LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  1.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.84
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.49
CHANGE IN WATER LEVEL SINCE 1983 (FT):         0.86

MEAN WATER LEVEL FOR PERIOD OF RECORD:         14.34

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SW 36 18N 02E16M
LATITUDE:          LONGITUDE:
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 1996 TO 1997 (FT):  -3.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -2.05
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -4.48
CHANGE IN WATER LEVEL SINCE 1906 (FT):         -3.12

MEAN WATER LEVEL FOR PERIOD OF RECORD:         26.59
### Aquifer: A & T Deposits of the Cimarron River

**Legal Description:** SE SE SE 36 18N 03E1M  
**Latitude:**  
**Longitude:**  
**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 1996 to 1997 (ft):** -4.11  
**Change in Water Level from 1992 to 1997 (ft):** 0.67  
**Change in Water Level from 1987 to 1997 (ft):** 2.17  
**Change in Water Level Since 1983 (ft):** -4.13

**Mean Water Level for Period of Record:** 29.21

---

### Aquifer: Vamoosa Formation and Ada Group

**Legal Description:** SW SW SE 36 18N 05E1M  
**Latitude:**  
**Longitude:**  
**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):** 88.64  
**Maximum Depth to Water (ft):** 149.40

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**Change in Water Level from 1996 to 1997 (ft):** -7.75  
**Change in Water Level from 1992 to 1997 (ft):** -3.74  
**Change in Water Level from 1987 to 1997 (ft):** 3.46  
**Change in Water Level Since 1977 (ft):** 39.23

**Mean Water Level for Period of Record:** 109.43
AQUIFER: WELLINGTON FORMATION
LEGAL DESCRIPTION: NW NW NW 06 19N 01W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 6.08
MAXIMUM DEPTH TO WATER (FT): 12.15

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1978 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.39
AQUIFER: ISOLATED TERRACE DEPOSITS S OF THE CANADIAN RIVER
LEGAL DESCRIPTION: NW NW NE 27 04N 12E1M
LATITUDE: LONGITUDE:
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): 21.67

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
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MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.44

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: SE SE 11 08N 14E1M
LATITUDE: LONGITUDE:
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): 9.02
MAXIMUM DEPTH TO WATER (FT): 17.59

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 8.57
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): 8.57

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.31
PONTOTOC COUNTY

AQUIFER: ARBUCKLE GROUP
LEGAL DESCRIPTION: NW SW NW 04 01N 06EIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 11.32
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -19.21
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.55
CHANGE IN WATER LEVEL SINCE 1977 (FT): 0.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 67.69

AQUIFER: ARBUCKLE GROUP
LEGAL DESCRIPTION: SW SW SW 25 01N 06EIM
LATITUDE: LONGITUDE:
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): 19.44
MAXIMUM DEPTH TO WATER (FT): 30.52

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 10.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1994 (FT): 2.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 23.04
**AQUIFER: ARBUCKLE GROUP**

**LEGAL DESCRIPTION:** NW SW SE 07 02N 05EIM

**LATITUDE:**

**LONGITUDE:**

**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):** 21.33

**MAXIMUM DEPTH TO WATER (FT):** 27.10

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 3.68

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1994 (FT):** -0.07

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 23.80

---

**AQUIFER: ISOLATED TERRACE DEPOSITS S OF THE CANADIAN**

**LEGAL DESCRIPTION:** NW SE SE 23 05N 04EIM

**LATITUDE:**

**LONGITUDE:**

**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):** 33.01

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.48

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1995 (FT):** -0.64

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 32.64

---

301
POTTAWATOMIE COUNTY

AQUIFER: GARBER SANDSTONE AND WELLINGTON FORMATION
LEGAL DESCRIPTION: NE SE NE 11 06N 02E1M
LATITUDE: 35.009114100 LONGITUDE: 97.054152900
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -1.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -7.51
CHANGE IN WATER LEVEL SINCE 1978 (FT): -10.60

MEAN WATER LEVEL FOR PERIOD OF RECORD: 47.44

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): 51.64
MAXIMUM DEPTH TO WATER (FT): 53.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.86
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): 1.86

MEAN WATER LEVEL FOR PERIOD OF RECORD: 52.57

302
POTTAWATOMIE COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NW SW 26 10N 03E1M
LATITUDE: 35.309795800 LONGITUDE: 96.962978800
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1000.0
TOTAL DEPTH OF WELL (FT): 45.0
PERIOD OF RECORD: 1996 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.02
MAXIMUM DEPTH TO WATER (FT): 14.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.48

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): 66.70
MAXIMUM DEPTH TO WATER (FT): 80.38

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 13.68

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1996 (FT): 13.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 73.54
AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: NW NW NE 09 04S 16E1M
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 3.38
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.81
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.23
CHANGE IN WATER LEVEL SINCE 1980 (FT): 4.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.97

AQUIFER: ANTLERS SANDSTONE
LEGAL DESCRIPTION: SW SE SW 03 04S 17E1M
LATITUDE: LONGITUDE:
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): 68.49
MAXIMUM DEPTH TO WATER (FT): 74.55

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.99
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.06
CHANGE IN WATER LEVEL SINCE 1994 (FT): 6.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 71.97
ROGER MILLS COUNTY

AQUIFER: OGAALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 18 12N 23W1M
LATITUDE:   LONGITUDE:
WELL USE: OBSERVATION
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):  43.92
MAXIMUM DEPTH TO WATER (FT):  44.18

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.26
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT):  -0.26

MEAN WATER LEVEL FOR PERIOD OF RECORD:  44.05

AQUIFER: OGAALLALA FORMATION
LEGAL DESCRIPTION: SW NW NE 11 12N 24W1M
LATITUDE:   LONGITUDE:
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):  7.50
MAXIMUM DEPTH TO WATER (FT):  13.88

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.72
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.36
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -0.64
CHANGE IN WATER LEVEL SINCE 1980 (FT):  2.98

MEAN WATER LEVEL FOR PERIOD OF RECORD:  9.22

305
**ROGER MILLS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW SE NE 19 12N 24WIM

**LATITUDE:**  
**LONGITUDE:**  

**WELL USE:** OBSERVATION

**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):** 15.22

**MAXIMUM DEPTH TO WATER (FT):** 15.35

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.13

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**  

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  

**CHANGE IN WATER LEVEL SINCE 1996 (FT):** -0.13

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 15.29

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE SE NE 01 12N 25WIM

**LATITUDE:**  
**LONGITUDE:**  

**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):** 55.20

**MAXIMUM DEPTH TO WATER (FT):** 60.60

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.56

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.80

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 5.08

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 3.57

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 57.89

---

306
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SE SE 15 12N 25WIM
LATITUDE:          LONGITUDE:
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): 16.67
MAXIMUM DEPTH TO WATER (FT): 20.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.90
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.53
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.49
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.12

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.44

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SE 31 12N 25WIM
LATITUDE:          LONGITUDE:
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): 22.94
MAXIMUM DEPTH TO WATER (FT): 64.78

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 13.89
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 27.55
CHANGE IN WATER LEVEL SINCE 1980 (FT): 35.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 42.94
ROGER MILLS COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE WASHITA RIVER
LEGAL DESCRIPTION: NW NW NE 08 13N 23WIM
LATITUDE:              LONGITUDE:
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):   3.80
MAXIMUM DEPTH TO WATER (FT):   12.64

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.95
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.02
CHANGE IN WATER LEVEL SINCE 1978 (FT): 4.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 7.06

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 09 13N 25WIM
LATITUDE:              LONGITUDE:
WELL USE: OBSERVATION
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):   33.50
MAXIMUM DEPTH TO WATER (FT):   37.09

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.42
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.81
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.45
CHANGE IN WATER LEVEL SINCE 1981 (FT): 1.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 35.13
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NE NE 28 13N 26WIM
LATITUDE: ______________________
WELL USE: OBSERVATION
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): 102.59
MAXIMUM DEPTH TO WATER (FT): 115.72

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.63
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.37
CHANGE IN WATER LEVEL SINCE 1980 (FT): 7.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 106.57

AQUIFER: A & T DEPOSITS OF THE WASHITA RIVER
LEGAL DESCRIPTION: SE SE NW 32 14N 23WIM
LATITUDE: ______________________
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 1992 TO 1997 (FT): -0.27
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.35
CHANGE IN WATER LEVEL SINCE 1976 (FT): 5.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 29.82
AQUIFER: A & T DEPOSITS OF THE WASHITA RIVER
LEGAL DESCRIPTION: NE SE SE 34 14N 24WIM
LATITUDE: LONGITUDE:
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): 1.33
MAXIMUM DEPTH TO WATER (FT): 2.09

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.76
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1996 (FT): 0.76
MEAN WATER LEVEL FOR PERIOD OF RECORD: 1.71

AQUIFER: OGDALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 26 14N 25WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 57.90
MAXIMUM DEPTH TO WATER (FT): 61.83

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.48
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.55
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.55
CHANGE IN WATER LEVEL SINCE 1980 (FT): 1.25

MEAN WATER LEVEL FOR PERIOD OF RECORD: 59.52

310
AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SW NW NW 31 14N 25WIM  
LATITUDE:  LONGITUDE:  
WELL USE: OBSERVATION  
ELEVATION OF LAND SURFACE (FT): 2260.0  
TOTAL DEPTH OF WELL (FT): 80.0  
PERIOD OF RECORD: 1980 TO PRESENT  
MINIMUM DEPTH TO WATER (FT): 32.62  
MAXIMUM DEPTH TO WATER (FT): 42.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.18  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.76  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.19  
CHANGE IN WATER LEVEL SINCE 1980 (FT): -9.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.51

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: SE NW NW 07 15N 23WIM  
LATITUDE:  LONGITUDE:  
WELL USE: OBSERVATION  
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): 119.02  
MAXIMUM DEPTH TO WATER (FT): 119.99

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.97  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  
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CHANGE IN WATER LEVEL SINCE 1996 (FT): -0.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.51
ROGER MILLS COUNTY (CONTINUED)

AQUIFER: CLOUD CHIEF FORMATION
LEGAL DESCRIPTION: SW NE SW 36 15N 24WIM
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  -0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -0.62
CHANGE IN WATER LEVEL SINCE 1976 (FT):  0.21

MEAN WATER LEVEL FOR PERIOD OF RECORD:  7.01

AQUIFER: OQALLALA FORMATION
LEGAL DESCRIPTION: NE NW NW 03 15N 25WIM
LATITUDE:  LONGITUDE:
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):  110.58
MAXIMUM DEPTH TO WATER (FT):  112.08

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  1.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1996 (FT):  1.50

MEAN WATER LEVEL FOR PERIOD OF RECORD:  111.33
### AQUIFER: OGALLALA FORMATION

#### LEGAL DESCRIPTION: SW SW SW 11 15N 26WIM

- **LATITUDE:**
- **LONGITUDE:**
- **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):** 33.06
- **MAXIMUM DEPTH TO WATER (FT):** 40.34

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- **CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.66
- **CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.66
- **CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.37
- **CHANGE IN WATER LEVEL SINCE 1980 (FT):** 5.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 36.17

#### AQUIFER: OGALLALA FORMATION

#### LEGAL DESCRIPTION: NE SW SW 32 15N 26WIM

- **LATITUDE:**
- **LONGITUDE:**
- **WELL USE:** OBSERVATION
- **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 1996 TO 1997 (FT):** 0.24
- **CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.31
- **CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.34
- **CHANGE IN WATER LEVEL SINCE 1981 (FT):** 1.98

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 76.47
ROGER MILLS COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CANADIAN RIVER
LEGAL DESCRIPTION: SE SE SE 09 16N 26WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2209.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 3.59
MAXIMUM DEPTH TO WATER (FT): 8.77

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.21
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.78

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE NW 35 17N 25WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1992 TO 1997 (FT): 1.05
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1981 (FT): 4.23

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.37
AQUIFER:
LEGAL DESCRIPTION: SW SW SE 35 22N 16EIM
LATITUDE: LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):
TOTAL DEPTH OF WELL (FT): 110.0
PERIOD OF RECORD: 1997 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 13.37
MAXIMUM DEPTH TO WATER (FT): 13.37

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.37

AQUIFER: SENORE FORMATION
LEGAL DESCRIPTION: SW NE NE 20 24N 18EIM
LATITUDE: LONGITUDE:
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 1992 TO 1997 (FT): 1.27
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.00
CHANGE IN WATER LEVEL SINCE 1979 (FT): 18.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.24
SEMINOLE COUNTY

AQUIFER: VAMOOSA FORMATION AND ADA GROUP
LEGAL DESCRIPTION: NE NW NE 22 06N 06E
LATITUDE: LONGITUDE:
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): 72.46

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CHANGE IN WATER LEVEL SINCE 1994 (FT): 0.89

MEAN WATER LEVEL FOR PERIOD OF RECORD: 72.17

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SE NE 16 11N 08E
LATITUDE: LONGITUDE:
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 1992 TO 1997 (FT): -5.97
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.52
CHANGE IN WATER LEVEL SINCE 1978 (FT): -6.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.18
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NE NE 18 12N 21E1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 4.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.83
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.44
CHANGE IN WATER LEVEL SINCE 1977 (FT): 6.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 12.65

AQUIFER: ATOKA FORMATION
LEGAL DESCRIPTION: SE NE NW 16 13N 22E1M
LATITUDE: LONGITUDE:
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): 0.11
MAXIMUM DEPTH TO WATER (FT): 3.55

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.47
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.51
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.11
CHANGE IN WATER LEVEL SINCE 1979 (FT): 1.04

MEAN WATER LEVEL FOR PERIOD OF RECORD: 1.34
**TEXAS COUNTY**

**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):** 194.13

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -1.79

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -11.09

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -18.75

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -49.53

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 168.91

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW SW 05 01N 11E CM

**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):** 193.85

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.42

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -10.57

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -49.35

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 169.88

318
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW SW 26 01N 11E003

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): 150.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.63

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.55

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):

CHANGE IN WATER LEVEL SINCE 1980 (FT): -21.74

MEAN WATER LEVEL FOR PERIOD OF RECORD: 138.43

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW NE SE 35 01N 12E003

LATITUDE: 36.505292000  LONGITUDE: 101.733414700

WELL USE: OBSERVATION

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): 216.84

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.68

CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.82

CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):

CHANGE IN WATER LEVEL SINCE 1991 (FT): -5.05

MEAN WATER LEVEL FOR PERIOD OF RECORD: 214.42
### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW SW NW 10 01N 13E CM

**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):** 206.90

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.95

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -6.05

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -10.98

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -53.40

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 184.45

---

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SW NE NE 01 01N 14E CM

**LATITUDE:**

**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):** 81.55

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.11

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -4.77

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -6.32

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 78.38

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320
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): 228.80

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.08
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -6.82
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -10.00
CHANGE IN WATER LEVEL SINCE 1977 (FT): -1.22

MEAN WATER LEVEL FOR PERIOD OF RECORD: 221.76

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NE 14 01N 15E CM
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2960.0
TOTAL DEPTH OF WELL (FT): 181.0
PERIOD OF RECORD: 1982 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 82.44
MAXIMUM DEPTH TO WATER (FT): 89.03

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.11
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.06
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.69
CHANGE IN WATER LEVEL SINCE 1982 (FT): -6.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 86.10

321
AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: NW NW SW 32 01N 15E CM

LATITUDE: 36.507101800 LONGITUDE: 101.474805500

WELL USE: IRRIGATION

ELEVATION OF LAND SURFACE (FT): 3180.0
TOTAL DEPTH OF WELL (FT): 333.0

PERIOD OF RECORD: 1966 TO PRESENT

MINIMUM DEPTH TO WATER (FT): 201.47
MAXIMUM DEPTH TO WATER (FT): 220.16

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.13
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.57
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.85
CHANGE IN WATER LEVEL SINCE 1966 (FT): -17.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 213.04

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AQUIFER: OGALLALA FORMATION

LEGAL DESCRIPTION: SW NW SW 01 01N 17E CM

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): 120.42
MAXIMUM DEPTH TO WATER (FT): 139.60

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.81
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.23
CHANGE IN WATER LEVEL SINCE 1966 (FT): 4.68

MEAN WATER LEVEL FOR PERIOD OF RECORD: 128.44
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 30 01N 17ECM
LATITUDE: 36.521734500 LONGITUDE: 101.268382700
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): -0.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.42
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.78
CHANGE IN WATER LEVEL SINCE 1971 (FT): -17.27
MEAN WATER LEVEL FOR PERIOD OF RECORD: 177.23

AQUIFER: A & T DEPOSITS OF PALO DURO CREEK
LEGAL DESCRIPTION: SW SE 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 1996 TO 1997 (FT): 0.18
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.82
CHANGE IN WATER LEVEL SINCE 1966 (FT): 0.30
MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.53

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TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NW 31 01N 18ECM
LATITUDE: 36.58129100  LONGITUDE: 100.985199800
WELL USE: OBSERVATION
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): 130.59
MAXIMUM DEPTH TO WATER (FT): 131.06

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.31
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.47
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): 0.47

MEAN WATER LEVEL FOR PERIOD OF RECORD: 130.85

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NW SE NW 02 01N 19ECM
LATITUDE: 36.584129100  LONGITUDE: 100.985199800
WELL USE: OBSERVATION
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): 20.46
MAXIMUM DEPTH TO WATER (FT): 21.14

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -0.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.77
TEXAS COUNTY (CONTINUED)

AQUIFER: PERMIAN SYSTEM
LEGAL DESCRIPTION: NE SW NE 34 01N 19ECM
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): 101.66
MAXIMUM DEPTH TO WATER (FT): 101.81

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): 0.15

MEAN WATER LEVEL FOR PERIOD OF RECORD: 101.72

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NE 06 01S 16ECM
LATITUDE: 36.500441200 LONGITUDE: 101.367611600
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): 256.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.43
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -20.61
CHANGE IN WATER LEVEL SINCE 1977 (FT): -7.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 251.95

325
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NW NW 20 02N 10ECM

**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):** 189.66

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.28

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -6.67

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -13.75

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -41.96

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 170.70

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE NW NW 20 02N 10ECM

**LATITUDE:** 36.591419200  **LONGITUDE:** 101.870442200

**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 1996 TO 1997 (FT):** -0.16

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.05

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 5.84

**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -18.72

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 205.91

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326
### AQUIFER: DOCKUM GROUP

**LEGAL DESCRIPTION:** NE SW SW 20 02N 12ECM  
**LATITUDE:** 36.620703700  
**LONGITUDE:** 101.794395900  
**WELL USE:** OBSERVATION  
**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):** 135.73

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.59  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -3.21

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 134.62

### AQUIFER: OGALLALA 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):** 289.40

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -4.13  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -3.60  
**CHANGE IN WATER LEVEL SINCE 1955 (FT):** -58.80

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 267.33
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NE NW 33 02N 12E00
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 1996 TO 1997 (FT): 0.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.54
CHANGE IN WATER LEVEL SINCE 1955 (FT): 4.51

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.59

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 16 02N 13E00
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): 246.83

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.64
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.79
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.55
CHANGE IN WATER LEVEL SINCE 1966 (FT): -44.89

MEAN WATER LEVEL FOR PERIOD OF RECORD: 231.09
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 32 02N 13ECM
LATITUDE: 36.588294600 LONGITUDE: 101.690556100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3360.0
TOTAL DEPTH OF WELL (FT): 384.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 178.40
MAXIMUM DEPTH TO WATER (FT): 235.28

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1966 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 214.77

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 23 02N 14ECM
LATITUDE: 36.622506600 LONGITUDE: 101.527621200
WELL USE: OBSERVATION
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): 189.92

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.65
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -17.13
CHANGE IN WATER LEVEL SINCE 1970 (FT): -51.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 167.07
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): 187.03

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.48
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -4.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 184.87

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): 306.89

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.21
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -7.69
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -15.11
CHANGE IN WATER LEVEL SINCE 1966 (FT): -99.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 270.29
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NW 29 02N 15ECM
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): 211.87

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.26
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -6.27
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -7.07

MEAN WATER LEVEL FOR PERIOD OF RECORD: 207.69

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 07 02N 16ECM
LATITUDE: 36.658051200 LONGITUDE: 101.384651100
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3061.0
TOTAL DEPTH OF WELL (FT): 480.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 204.90
MAXIMUM DEPTH TO WATER (FT): 306.20

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -3.42
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.85
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.17
CHANGE IN WATER LEVEL SINCE 1966 (FT): -101.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 280.86

331
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 14 02N 16ECM
LATITUDE:  LONGITUDE:
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): 223.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.08
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.28
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.42
CHANGE IN WATER LEVEL SINCE 1966 (FT): -58.58

MEAN WATER LEVEL FOR PERIOD OF RECORD: 207.35

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 07 02N 17ECM
LATITUDE: 36.827494100  LONGITUDE: 101.438782000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2964.0
TOTAL DEPTH OF WELL (FT): 473.0
PERIOD OF RECORD: 1965 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 95.00
MAXIMUM DEPTH TO WATER (FT): 211.30

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.88
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.73
CHANGE IN WATER LEVEL SINCE 1965 (FT): -96.33

MEAN WATER LEVEL FOR PERIOD OF RECORD: 187.07

332
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SW 28 02N 17 ECM
LATITUDE: 36.605168400 LONGITUDE: 101.237784000
WELL USE: OBSERVATION
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): 113.69

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -0.79
MEAN WATER LEVEL FOR PERIOD OF RECORD: 113.26

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE NW 08 02N 18 ECM
LATITUDE: 36.657727600 LONGITUDE: 101.144818000
WELL USE: PUBLIC WATER SUPPLY
ELEVATION OF LAND SURFACE (FT): 2800.0
TOTAL DEPTH OF WELL (FT): 117.0
PERIOD OF RECORD: 1969 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 86.04
MAXIMUM DEPTH TO WATER (FT): 97.92

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 5.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.49
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.53
CHANGE IN WATER LEVEL SINCE 1969 (FT): 9.67
MEAN WATER LEVEL FOR PERIOD OF RECORD: 92.22
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 1996 TO 1997 (FT): 1.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -10.74
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.27
CHANGE IN WATER LEVEL SINCE 1966 (FT): -4.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 141.61

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 1996 TO 1997 (FT): 2.54
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.71
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.23
CHANGE IN WATER LEVEL SINCE 1956 (FT): -4.59

MEAN WATER LEVEL FOR PERIOD OF RECORD: 170.59

334
**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 1996 TO 1997 (FT):** -0.50

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 2.15

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -5.13

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -10.00

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 127.45

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**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW NW 24 03N 10ECM

**LATITUDE:**  **LONGITUDE:**

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):** 3589.0

**TOTAL DEPTH OF WELL (FT):** 200.0

**PERIOD OF RECORD:** 1956 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 165.00

**MAXIMUM DEPTH TO WATER (FT):** 192.69

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.63

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -2.89

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -5.55

**CHANGE IN WATER LEVEL SINCE 1956 (FT):** -27.69

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 183.65

335
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW SW 18 03N 11E8M
LATITUDE:  
LONGITUDE:  
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): 171.07

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.77
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.09
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.14
CHANGE IN WATER LEVEL SINCE 1956 (FT): -81.07

MEAN WATER LEVEL FOR PERIOD OF RECORD: 157.47

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 32 03N 11E8M
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): 142.78
MAXIMUM DEPTH TO WATER (FT): 149.47

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.69
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 6.69
CHANGE IN WATER LEVEL SINCE 1991 (FT): 6.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 146.54

336
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 12 03N 12SEC
LATITUDE: 36.744015700 LONGITUDE: 101.723121100
WELL USE: OBSERVATION
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): 168.30

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.20
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.36
CHANGE IN WATER LEVEL SINCE 1991 (FT): -0.36
MEAN WATER LEVEL FOR PERIOD OF RECORD: 168.02

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SW 02 03N 13SEC
LATITUDE: 36.748975700 LONGITUDE: 101.630047100
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 3235.0
TOTAL DEPTH OF WELL (FT): 73.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 61.07
MAXIMUM DEPTH TO WATER (FT): 74.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.60
CHANGE IN WATER LEVEL SINCE 1966 (FT): -1.67
MEAN WATER LEVEL FOR PERIOD OF RECORD: 63.18
AQUIFER: MORRISON-DOCKUM FORMATIONS
LEGAL DESCRIPTION: NW NW NW 14 03N 13E1M
LATITUDE: 36.733377800 LONGITUDE: 101.635241900
WELL USE: OBSERVATION
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): 75.36
MAXIMUM DEPTH TO WATER (FT): 82.59

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.23
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 7.23
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 0.76

MEAN WATER LEVEL FOR PERIOD OF RECORD: 77.84

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 25 03N 14E1M
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): 88.85

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -9.65
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -9.66

MEAN WATER LEVEL FOR PERIOD OF RECORD: 81.43

338
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE NW 15 03N 15E
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): 44.74

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.87
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.40
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.65

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NW 34 03N 15E
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): 254.63

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.28
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT):
MEAN WATER LEVEL FOR PERIOD OF RECORD: 252.84
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 02 03N 16ECM
LATITUDE: 36.750633000 LONGITUDE: 101.305748600
WELL USE: OBSERVATION
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): 95.24

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.22
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -0.46
MEAN WATER LEVEL FOR PERIOD OF RECORD: 95.01

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): 99.76
MAXIMUM DEPTH TO WATER (FT): 124.79

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.74
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.26
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.94
CHANGE IN WATER LEVEL SINCE 1966 (FT): 24.24
MEAN WATER LEVEL FOR PERIOD OF RECORD: 114.41
### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** SE NE SE 03 03N 18ECM
**LATITUDE:** 36.752882600 **LONGITUDE:** 101.100535200
**WELL USE:** OBSERVATION
**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):** 101.33

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.05
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -3.41
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -3.07

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 99.79

### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW NE SE 17 03N 18ECM
**LATITUDE:** 36.721965500 **LONGITUDE:** 101.136420500
**WELL USE:** OBSERVATION
**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):** 105.78

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.33
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -3.28
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -3.28

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 104.20
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE SW NW 11 03N 19ECM  
**LATITUDE:** 36.742008100  **LONGITUDE:** 100.985939600  
**WELL USE:** OBSERVATION  
**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):** 93.60

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.16  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.39  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -1.39  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 92.71

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE NW NW 21 03N 19ECM  
**LATITUDE:** 36.714897500  **LONGITUDE:** 101.021392700  
**WELL USE:** OBSERVATION  
**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 1996 TO 1997 (FT):** -0.40  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 0.53  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  
**CHANGE IN WATER LEVEL SINCE 1992 (FT):** 0.53  

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 98.31
AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW NW NE 08 04N 10ECM
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 1996 TO 1997 (FT): 1.90
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.72
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -2.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 218.58

AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW NW NW 10 04N 11ECM
LATITUDE: 36.834023300 LONGITUDE: 101.870719200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3548.0
TOTAL DEPTH OF WELL (FT):
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 1996 TO 1997 (FT): 0.30
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 12.40
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -19.01
CHANGE IN WATER LEVEL SINCE 1966 (FT): -28.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 163.40
AQUIFER: MORRISON-DOCKUM FORMATIONS
LEGAL DESCRIPTION: NW SW NW 07 04N 13ECM
LATITUDE: 36.832111500 LONGITUDE: 101.708677800
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 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 1996 TO 1997 (FT): 7.12
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.08
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.72
CHANGE IN WATER LEVEL SINCE 1991 (FT): 148.11

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 03 04N 14ECM
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): 248.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.97
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -7.09
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -15.14
CHANGE IN WATER LEVEL SINCE 1966 (FT): -67.13

MEAN WATER LEVEL FOR PERIOD OF RECORD: 217.74
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NE 14 04N 14ECM
LATITUDE: 36.813499600 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 FROM 1996 TO 1997 (FT): 0.37
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 7.01
CHANGE IN WATER LEVEL SINCE 1966 (FT): -4.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 186.73

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 09 04N 15ECM
LATITUDE: 3130.0 LONGITUDE: 540.0
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3130.0
TOTAL DEPTH OF WELL (FT): 540.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 152.90
MAXIMUM DEPTH TO WATER (FT): 266.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -4.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 29.80
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -20.02
CHANGE IN WATER LEVEL SINCE 1966 (FT): -83.70

MEAN WATER LEVEL FOR PERIOD OF RECORD: 196.91
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 25 04N 15ECM
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): 204.82

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.62
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -11.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -24.84
CHANGE IN WATER LEVEL SINCE 1966 (FT): -62.92

MEAN WATER LEVEL FOR PERIOD OF RECORD: 168.76

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW NE 28 04N 15ECM
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): 225.02

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.42
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -12.12
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -13.02
CHANGE IN WATER LEVEL SINCE 1966 (FT): -73.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 187.49
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 05 04N 16ECM
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): 198.03

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.33
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -14.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -28.35
CHANGE IN WATER LEVEL SINCE 1966 (FT): -84.08

MEAN WATER LEVEL FOR PERIOD OF RECORD: 154.60

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 1996 TO 1997 (FT): 1.71
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.57
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.19
CHANGE IN WATER LEVEL SINCE 1966 (FT): -23.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 118.71

347
**AQUIFIER: 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 1996 TO 1997 (FT):**  2.32

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**  -3.31

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**  -8.74

**CHANGE IN WATER LEVEL SINCE 1966 (FT):**  -32.60

**MEAN WATER LEVEL FOR PERIOD OF RECORD:**  131.96

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**AQUIFIER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE SW SW 14 04N 17ECM

**LATITUDE:** 36.805552200  **LONGITUDE:** 101.201368800

**WELL USE:** IRRIGATION

**ELEVATION OF LAND SURFACE (FT):**  2957.0

**TOTAL DEPTH OF WELL (FT):**  554.0

**PERIOD OF RECORD:** 1966 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):**  118.10

**MAXIMUM DEPTH TO WATER (FT):**  184.00

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**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1966 (FT):**

**MEAN WATER LEVEL FOR PERIOD OF RECORD:**  154.85

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AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 33 04N 17ECM
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): 175.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.20
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.86
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -9.66
CHANGE IN WATER LEVEL SINCE 1966 (FT): -49.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 151.73

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NW 07 04N 18ECM
LATITUDE: 36.831483300 LONGITUDE: 101.166371400
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 2929.0
TOTAL DEPTH OF WELL (FT): 560.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 120.88
MAXIMUM DEPTH TO WATER (FT): 150.89

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 30.01
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 14.79
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): 13.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 136.78
TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SW 25 04N 18ECM
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 1996 TO 1997 (FT): -0.21
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -7.42
CHANGE IN WATER LEVEL SINCE 1966 (FT): -22.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.41

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 03 04N 19ECM
LATITUDE: 36.838428600 LONGITUDE: 100.994546400
WELL USE: OBSERVATION
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): 130.75

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.69
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.94
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): -1.38

MEAN WATER LEVEL FOR PERIOD OF RECORD: 128.82
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE SW 25 04N 19ECM
LATITUDE: 36.779855900 LONGITUDE: 100.968158300
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2756.0
TOTAL DEPTH OF WELL (FT): 300.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 107.10
MAXIMUM DEPTH TO WATER (FT): 111.90

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.34
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.80
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -4.46

MEAN WATER LEVEL FOR PERIOD OF RECORD: 109.38

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NE 12 05N 10ECM
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: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 241.50
MAXIMUM DEPTH TO WATER (FT): 289.20

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 7.70
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -40.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 275.69
AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: NW SW NW 16 05N 11E50  
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 1992 TO 1997 (FT): -3.83  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -5.18  
CHANGE IN WATER LEVEL SINCE 1966 (FT): -39.13  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 229.08

AQUIFER: OGALLALA FORMATION  
LEGAL DESCRIPTION: NE NE NW 06 05N 12E50  
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 1996 TO 1997 (FT): 2.70  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -13.50  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -27.42  
CHANGE IN WATER LEVEL SINCE 1968 (FT): -50.99  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 244.94
AQUIFER: DOCKUM GROUP
LEGAL DESCRIPTION: NW NW NW 16 05N 12E5M
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 1996 TO 1997 (FT): -2.14
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.74
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.14
CHANGE IN WATER LEVEL SINCE 1966 (FT): -53.64

MEAN WATER LEVEL FOR PERIOD OF RECORD: 237.08

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW SW 01 05N 13E5M
LATITUDE: 36.924748600 LONGITUDE: 101.608795000
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3341.0
TOTAL DEPTH OF WELL (FT): 380.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 219.90
MAXIMUM DEPTH TO WATER (FT): 317.55

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CHANGE IN WATER LEVEL SINCE 1966 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 272.24
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 14 05N 13ECM
LATITUDE: 36.898817600 LONGITUDE: 101.62024300
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3333.0
TOTAL DEPTH OF WELL (FT): 348.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 203.70
MAXIMUM DEPTH TO WATER (FT): 254.80

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -7.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 58.20
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 86.42
CHANGE IN WATER LEVEL SINCE 1966 (FT): 14.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 239.35

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NE 01 05N 14ECM
LATITUDE: 36.935349800 LONGITUDE: 101.495940200
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3253.0
TOTAL DEPTH OF WELL (FT): 545.0
PERIOD OF RECORD: 1966 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 180.70
MAXIMUM DEPTH TO WATER (FT): 274.62

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -7.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 58.20
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 86.42
CHANGE IN WATER LEVEL SINCE 1966 (FT): 14.20

MEAN WATER LEVEL FOR PERIOD OF RECORD: 239.35
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 1996 TO 1997 (FT): 0.34
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -4.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -8.60
CHANGE IN WATER LEVEL SINCE 1966 (FT): -43.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 198.71

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW SW 14 05N 15ECM
LATITUDE: 36.899392800 LONGITUDE: 101.412252700
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 3146.0
TOTAL DEPTH OF WELL (FT): 501.0
PERIOD OF RECORD: 1964 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 147.00
MAXIMUM DEPTH TO WATER (FT): 242.01

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1964 (FT):  

MEAN WATER LEVEL FOR PERIOD OF RECORD: 187.38
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NE SE 20 05N 15E CM

**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):** 234.90

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1966 (FT):**

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 178.12

---

**AQUIFER:**

**LEGAL DESCRIPTION:** SW SW NW 30 05N 15E CM

**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):** 250.80

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -4.65

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1996 (FT):** -4.65

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 248.48
**AQUIFER: OGLALA FORMATION**

**LEGAL DESCRIPTION:** SE NW NW 25 05N 16E36

**LATITUDE:** 36.874082700  **LONGITUDE:** 101.284556700

**WELL USE:** OBSERVATION

**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):** 129.75

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.23

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.14

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** 0.82

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 129.19

---

**AQUIFER: OGLALA FORMATION**

**LEGAL DESCRIPTION:** NE NW SW 17 05N 17E36

**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 1992 TO 1997 (FT):** -0.31

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -1.12

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -4.56

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 129.90

357
TEXAS COUNTY (CONTINUED)

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): 140.85

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.02
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -7.26
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -10.97
CHANGE IN WATER LEVEL SINCE 1966 (FT): -28.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 125.41

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 02 05N 18ECM
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): 153.89

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -4.43
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -18.22
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -23.82
CHANGE IN WATER LEVEL SINCE 1966 (FT): -100.89

MEAN WATER LEVEL FOR PERIOD OF RECORD: 114.70
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SE 19 05N 18ECM
LATITUDE: 36.881475100 LONGITUDE: 101.144519900
WELL USE: OBSERVATION
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): 94.41

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.88
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT): -4.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 92.22

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NE 07 05N 19ECM
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): 195.76

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 8.88
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.95
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -21.98
CHANGE IN WATER LEVEL SINCE 1981 (FT): -36.89

MEAN WATER LEVEL FOR PERIOD OF RECORD: 169.43
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE SE 24 05N 19ECM
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): 120.72

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.63
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.97
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): -6.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 117.52

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW NW 18 06N 10ECM
LATITUDE:  
WELL USE: OBSERVATION
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): 218.01

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.75
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -12.97
CHANGE IN WATER LEVEL SINCE 1971 (FT): -25.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 202.46
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 30 06N 10E CM
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 1996 TO 1997 (FT): -0.35
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.55
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.85
CHANGE IN WATER LEVEL SINCE 1966 (FT): -12.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 228.95

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW NW SE 36 06N 10E CM
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): 326.00

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -3.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -9.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -17.51
CHANGE IN WATER LEVEL SINCE 1966 (FT): -65.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 299.72

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**TEXAS COUNTY (CONTINUED)**

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SW NW SW 17 06N 11ECM  
**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):** 311.10

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -7.90  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 6.00  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -12.21  
**CHANGE IN WATER LEVEL SINCE 1967 (FT):** -55.45

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 287.15

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW SW NW 26 06N 11ECM  
**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 1996 TO 1997 (FT):** 3.10  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 13.00  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 8.71  
**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -76.40

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 271.28
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SE 15 06N 12ECM
LATITUDE: 36.97990200 LONGITUDE: 101.748191500
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT):
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): 279.80

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.20
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -2.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 278.31

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 35 06N 12ECM
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: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 236.00
MAXIMUM DEPTH TO WATER (FT): 280.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -6.40
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT): -42.40

MEAN WATER LEVEL FOR PERIOD OF RECORD: 269.52
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW SW 29 06N 13E00
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): 348.35

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1995 (FT): -0.75

MEAN WATER LEVEL FOR PERIOD OF RECORD: 348.05

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SW NE 21 06N 14E00
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 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1966 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 233.13
### Aquifer: Ogallala Formation

**Legal Description:** NW NW SW 35 06N 14ECM

**Latitude:** 36.942755700  **Longitude:** 101.523042500

**Well Use:** Irrigation

**Elevation of Land Surface (ft):** 3268.0

**Total Depth of Well (ft):** 479.0

**Period of Record:** 1966 to Present

**Minimum Depth to Water (ft):** 192.80

**Maximum Depth to Water (ft):** 250.51

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**Change in Water Level from 1996 to 1997 (ft):** 6.55

**Change in Water Level from 1992 to 1997 (ft):** 9.60

**Change in Water Level from 1987 to 1997 (ft):** 18.13

**Change in Water Level since 1966 (ft):** -24.10

**Mean Water Level for Period of Record:** 230.51

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### 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):** 249.53

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**Change in Water Level from 1996 to 1997 (ft):**

**Change in Water Level from 1992 to 1997 (ft):**

**Change in Water Level from 1987 to 1997 (ft):**

**Change in Water Level since 1966 (ft):**

**Mean Water Level for Period of Record:** 210.05

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TEXAS COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW NW NW 33 06N 15E CM
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): 216.00

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.00
CHANGE IN WATER LEVEL SINCE 1981 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 197.94

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE SW 27 06N 16E CM
LATITUDE: 36.950807000 LONGITUDE: 101.316174400
WELL USE: OBSERVATION
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): 121.86

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.80
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.11
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.80
CHANGE IN WATER LEVEL SINCE 1991 (FT): -3.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.91

366
**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NW NW SE 14 06N 17E CM

**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 1996 TO 1997 (FT):** -0.46

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 2.45

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.23

**CHANGE IN WATER LEVEL SINCE 1966 (FT):** -26.42

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 134.85

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** SE SE NE 14 06N 18E CM

**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):** 119.25

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.31

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -9.56

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1991 (FT):** -3.33

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 114.20

367
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 15 06N 19ECM
LATITUDE: 36.979577500 LONGITUDE: 100.999455000
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): 111.60

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.97
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.01
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -26.70
CHANGE IN WATER LEVEL SINCE 1966 (FT): -95.46

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 36 06N 19ECM
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): 120.20

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.34
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.77
CHANGE IN WATER LEVEL SINCE 1995 (FT): 119.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 119.83
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SE 30 01N 17W1M
LATITUDE:  LONGITUDE:
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):  8.55
MAXIMUM DEPTH TO WATER (FT):  18.54

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -2.87
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -1.62
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -2.25
CHANGE IN WATER LEVEL SINCE 1977 (FT):  3.63

MEAN WATER LEVEL FOR PERIOD OF RECORD:  13.77

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NE SW 01 01N 18W1M
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  -0.50
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -2.38
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  3.78
CHANGE IN WATER LEVEL SINCE 1953 (FT):  4.75

MEAN WATER LEVEL FOR PERIOD OF RECORD:  11.19
TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW SW 11 01N 18WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -1.62
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -3.52
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.43
CHANGE IN WATER LEVEL SINCE 1977 (FT): 1.81

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.23

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NE NE 24 01N 19WIM
LATITUDE: LONGITUDE:
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): 15.25
MAXIMUM DEPTH TO WATER (FT): 31.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.84
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.06
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.06
CHANGE IN WATER LEVEL SINCE 1975 (FT): 9.67

MEAN WATER LEVEL FOR PERIOD OF RECORD: 24.13

370
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW SW 06 01S 17WIM
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  -1.44
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.20
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  2.23
CHANGE IN WATER LEVEL SINCE 1984 (FT):  6.58

MEAN WATER LEVEL FOR PERIOD OF RECORD:  28.02

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE SW SE 04 01S 18WIM
LATITUDE:  LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  1370.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1970 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  2.30
MAXIMUM DEPTH TO WATER (FT):  16.20

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1970 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD:  9.95
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW SE 10 01S 18WIM
LATITUDE:                       LONGITUDE:
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 1996 TO 1997 (FT): -2.97
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.97
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  2.85
CHANGE IN WATER LEVEL SINCE 1977 (FT):  8.89

MEAN WATER LEVEL FOR PERIOD OF RECORD:  20.29

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SW SW NW 36 01S 18WIM
LATITUDE:                       LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1357.0
TOTAL DEPTH OF WELL (FT):  60.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  6.39
MAXIMUM DEPTH TO WATER (FT):  28.74

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.90
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.89
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  5.39
CHANGE IN WATER LEVEL SINCE 1977 (FT):  8.99

MEAN WATER LEVEL FOR PERIOD OF RECORD:  23.65
TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED LEGAL DESCRIPTION: SE NE NE 03 01S 19WIM
LATITUDE: LONGITUDE:
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): 12.57 MAXIMUM DEPTH TO WATER (FT): 35.24

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.23
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.00
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 21.44
CHANGE IN WATER LEVEL SINCE 1969 (FT): 17.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.95

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED LEGAL DESCRIPTION: NE NW NW 09 01S 19WIM
LATITUDE: LONGITUDE:
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): 4.99 MAXIMUM DEPTH TO WATER (FT): 15.24

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.15
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.92
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.21
CHANGE IN WATER LEVEL SINCE 1977 (FT): 3.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 9.97

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TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: SE NE SE 14 01S 19WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -1.64
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 6.24
CHANGE IN WATER LEVEL SINCE 1981 (FT): 12.91

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.17

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE NE SE 25 01S 19WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -2.58
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.60
CHANGE IN WATER LEVEL SINCE 1945 (FT): 9.89

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.81
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NW NW NE 27 01S 19W1M
LATITUDE:  
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1246.0
TOTAL DEPTH OF WELL (FT): 47.0
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 14.61
MAXIMUM DEPTH TO WATER (FT): 26.20

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.34
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.59
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.49
CHANGE IN WATER LEVEL SINCE 1977 (FT): 8.10

MEAN WATER LEVEL FOR PERIOD OF RECORD: 21.23

---

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED
LEGAL DESCRIPTION: NE SE SE 19 02N 17W1M
LATITUDE:  
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): 10.25
MAXIMUM DEPTH TO WATER (FT): 29.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.67
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.01
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 12.75
CHANGE IN WATER LEVEL SINCE 1977 (FT): 14.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.88
TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED RIVER
LEGAL DESCRIPTION: NW SW SE 04 02S 18WIM
LATITUDE:                     LONGITUDE:
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 1996 TO 1997 (FT): -0.56
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.96
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 8.48
CHANGE IN WATER LEVEL SINCE 1977 (FT): 17.95

MEAN WATER LEVEL FOR PERIOD OF RECORD: 43.67

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NW SW SW 15 02S 18WIM
LATITUDE:                     LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 1335.0
TOTAL DEPTH OF WELL (FT): 62.0
PERIOD OF RECORD: 1970 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 27.80
MAXIMUM DEPTH TO WATER (FT): 47.09

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -3.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.73
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 4.33
CHANGE IN WATER LEVEL SINCE 1970 (FT): 16.19

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.48
AQUIFER: A & T DEPOSITS OF THE NORTH FORK OF THE RED RIVER
LEGAL DESCRIPTION: NW NE SE 06 02S 19WIM
LATITUDE:  
WELL USE: OBSERVATION  
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): 7.59

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.48  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.32  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -3.16  
CHANGE IN WATER LEVEL SINCE 1977 (FT): 0.24

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.53

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW SW NW 13 02S 19WIM
LATITUDE:  
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): 26.75  
MAXIMUM DEPTH TO WATER (FT): 36.07

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.45  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.10  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 6.99  
CHANGE IN WATER LEVEL SINCE 1977 (FT): 9.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 32.25

377
TILLMAN COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW NW SE 35 02S 19WIM
LATITUDE:
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): 16.79
MAXIMUM DEPTH TO WATER (FT): 24.12

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.82
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.57
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.90
CHANGE IN WATER LEVEL SINCE 1984 (FT): 5.61

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.67

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW SW SW 30 03S 17WIM
LATITUDE:
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): 27.78

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.73
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.13
CHANGE IN WATER LEVEL SINCE 1983 (FT): 2.26

MEAN WATER LEVEL FOR PERIOD OF RECORD: 25.08

378
### Aquifer: A & T Deposits of the Red River

**Legal Description:** NE NE NW 21 03S 18W1M

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**Change in Water Level from 1996 to 1997 (ft):** -1.91

**Change in Water Level from 1992 to 1997 (ft):** -1.08

**Change in Water Level from 1987 to 1997 (ft):** 1.18

**Change in Water Level since 1977 (ft):** 9.41

**Mean Water Level for Period of Record:** 18.28

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### Aquifer: A & T Deposits of the Red River

**Legal Description:** SW SW SE 32 03S 18W1M

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**Change in Water Level from 1996 to 1997 (ft):** -4.24

**Change in Water Level from 1992 to 1997 (ft):** 3.32

**Change in Water Level from 1987 to 1997 (ft):** 4.19

**Change in Water Level since 1969 (ft):** 10.15

**Mean Water Level for Period of Record:** 27.38
AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NW NW NW 23 03S 19WIM
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  -1.58
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.56
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  3.07
CHANGE IN WATER LEVEL SINCE 1984 (FT):  6.91

MEAN WATER LEVEL FOR PERIOD OF RECORD:  22.41

AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: SW NW NW 12 04S 18WIM
LATITUDE:  LONGITUDE:
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):  34.58

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -2.00
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.44
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -1.28
CHANGE IN WATER LEVEL SINCE 1981 (FT):  -1.20

MEAN WATER LEVEL FOR PERIOD OF RECORD:  33.17
AQUIFER: A & T DEPOSITS OF THE RED RIVER
LEGAL DESCRIPTION: NW NW NE 01 04S 19W1M
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -3.21
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 14.13
CHANGE IN WATER LEVEL SINCE 1981 (FT): 3.30

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.51
AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NE NE SW 07 17N 14EIM
LATITUDE: LONGITUDE:
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): 15.47
MAXIMUM DEPTH TO WATER (FT): 15.47

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1997 (FT): 0.00

MEAN WATER LEVEL FOR PERIOD OF RECORD: 15.47

AQUIFER: A & T DEPOSITS OF THE ARKANSAS RIVER
LEGAL DESCRIPTION: NW NW SE 08 18N 13EIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 650.0
TOTAL DEPTH OF WELL (FT): 20.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 8.69
MAXIMUM DEPTH TO WATER (FT): 13.64

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CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1991 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 11.37

382
AQUIFER: A & T DEPOSITS OF VERDIGRIS RIVER
LEGAL DESCRIPTION: NE NE NE 15 16N 18E1M
LATITUDE:       LONGITUDE: 
WELL USE: OBSERVATION
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 1996 TO 1997 (FT):  1.62
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.62
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -0.38
CHANGE IN WATER LEVEL SINCE 1977 (FT):  2.81

MEAN WATER LEVEL FOR PERIOD OF RECORD:  6.23
WASHINGTON COUNTY

AQUIFER: CANEY RIVER ALLUVIUM
LEGAL DESCRIPTION: SE SE SW 22 25N 13E1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1992 TO 1997 (FT): -4.75
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.84
CHANGE IN WATER LEVEL SINCE 1986 (FT): -4.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 8.98

AQUIFER: CANEY RIVER ALLUVIUM
LEGAL DESCRIPTION: NE NE SE 23 25N 13E1M
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -2.35
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.53
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -15.20
CHANGE IN WATER LEVEL SINCE 1979 (FT): 1.36

MEAN WATER LEVEL FOR PERIOD OF RECORD: 18.29

384
AQUIFER: CHANUTE FORMATION  
LEGAL DESCRIPTION: NW NW SW 13 27N 13EIM  
LATITUDE:  LONGITUDE:  
WELL USE: OBSERVATION  
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 1992 TO 1997 (FT):  -0.68  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -5.93  
CHANGE IN WATER LEVEL SINCE 1977 (FT):  -0.29  

MEAN WATER LEVEL FOR PERIOD OF RECORD:  11.93  

AQUIFER: WANN FORMATION  
LEGAL DESCRIPTION: SW SE SW 01 28N 13EIM  
LATITUDE:  LONGITUDE:  
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 1996 TO 1997 (FT):  0.48  
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.18  
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  -3.37  
CHANGE IN WATER LEVEL SINCE 1979 (FT):  6.77  

MEAN WATER LEVEL FOR PERIOD OF RECORD:  8.65
WASHITA COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW SE SW 10 08N 16WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 30.62
MAXIMUM DEPTH TO WATER (FT): 38.02

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.19
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.42
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1991 (FT): 7.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 34.18

AQUIFER: CLOUD CHIEF FORMATION
LEGAL DESCRIPTION: NE NE NW 07 09N 14WIM
LATITUDE: LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1550.0
TOTAL DEPTH OF WELL (FT): 52.0
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 13.12
MAXIMUM DEPTH TO WATER (FT): 27.97

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.25
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.77
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.66
CHANGE IN WATER LEVEL SINCE 1979 (FT): 3.32

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.00

386
### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** SE SW SE 27 09N 14WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 55.14

**MAXIMUM DEPTH TO WATER (FT):** 79.60

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.55

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 9.95

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 20.61

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 24.46

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 70.16

---

### AQUIFER: RUSH SPRINGS SANDSTONE

**LEGAL DESCRIPTION:** NW NE NE 02 10N 14WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 67.91

**MAXIMUM DEPTH TO WATER (FT):** 76.55

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.88

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 4.99

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

**CHANGE IN WATER LEVEL SINCE 1989 (FT):** 7.13

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 72.20

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WASHITA COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NE SW 15 10N 14WIM
LATITUDE:  LONGITUDE:
WELL USE: OBSERVATION
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):  41.90
MAXIMUM DEPTH TO WATER (FT):  44.95

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.68
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  2.37
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1991 (FT):  2.24

MEAN WATER LEVEL FOR PERIOD OF RECORD:  43.71


AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE NE 22 10N 14WIM
LATITUDE:  LONGITUDE:
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 1996 TO 1997 (FT):  -0.24
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.48
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.09
CHANGE IN WATER LEVEL SINCE 1979 (FT):  1.87

MEAN WATER LEVEL FOR PERIOD OF RECORD:  3.15

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**WASHITA COUNTY (CONTINUED)**

**AQUIFER: RUSH SPRINGS SANDSTONE**

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.35
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.48

MEAN WATER LEVEL FOR PERIOD OF RECORD: 137.10

**AQUIFER: ELK CITY SANDSTONE**

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.18
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.26
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.97

MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.30
WASHITA COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE NW 05 11N 14WIM
LATITUDE:   LONGITUDE: 
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):  21.48
MAXIMUM DEPTH TO WATER (FT):  43.80

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  6.06
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  7.15
CHANGE IN WATER LEVEL SINCE 1979 (FT):  14.11

MEAN WATER LEVEL FOR PERIOD OF RECORD:  32.81

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE SE 34 11N 17WIM
LATITUDE:   LONGITUDE: 
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT):  1549.0
TOTAL DEPTH OF WELL (FT):  670.0
PERIOD OF RECORD: 1991 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  28.70
MAXIMUM DEPTH TO WATER (FT):  30.23

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  0.82
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.67
CHANGE IN WATER LEVEL SINCE 1991 (FT):  0.67

MEAN WATER LEVEL FOR PERIOD OF RECORD:  29.34
### AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER

**LEGAL DESCRIPTION:** SW SW SW 03 23N 13WIM

**LATITUDE:** LONGITUDE:

**WELL USE:** OBSERVATION

**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):** 2.85

**MAXIMUM DEPTH TO WATER (FT):** 12.70

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 0.85

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 7.25

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 6.45

**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 9.65

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 8.53

---

### AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER

**LEGAL DESCRIPTION:** NW SW SW 17 23N 13WIM

**LATITUDE:** LONGITUDE:

**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):** 1.08

**MAXIMUM DEPTH TO WATER (FT):** 8.38

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**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.74

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 0.18

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 4.54

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 4.42
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SE SW 02 24N 13WIM
LATITUDE: LONGITUDE:
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 1992 TO 1997 (FT): 3.58
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.80
CHANGE IN WATER LEVEL SINCE 1983 (FT): -1.80
MEAN WATER LEVEL FOR PERIOD OF RECORD: 5.43

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 04 24N 13WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 1.52
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.12
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.21
CHANGE IN WATER LEVEL SINCE 1983 (FT): -1.80
MEAN WATER LEVEL FOR PERIOD OF RECORD: 3.37
**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** SW SW SW 23 24N 14WIM

**LATITUDE:**

**LONGITUDE:**

**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):** 23.60

**MAXIMUM DEPTH TO WATER (FT):** 31.80

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 7.04

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 5.26

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 4.18

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 7.06

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 28.83

---

**AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER**

**LEGAL DESCRIPTION:** NW SW NW 30 24W 14WIM

**LATITUDE:**

**LONGITUDE:**

**WELL USE:** OBSERVATION

**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):** 15.27

**MAXIMUM DEPTH TO WATER (FT):** 22.59

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 3.59

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 4.43

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.45

**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 6.57

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 19.59
WOODS COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NE NE SE 34 24N 14WIM
LATITUDE: ___________________________ LONGITUDE: ___________________________
WELL USE: OBSERVATION
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): 23.80
MAXIMUM DEPTH TO WATER (FT): 34.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 9.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 7.33
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 10.30
CHANGE IN WATER LEVEL SINCE 1983 (FT): 0.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.13

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SE 01 24N 16WIM
LATITUDE: ___________________________ LONGITUDE: ___________________________
WELL USE: OBSERVATION
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): 20.55
MAXIMUM DEPTH TO WATER (FT): 28.14

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.06
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.95
CHANGE IN WATER LEVEL SINCE 1983 (FT): 5.45

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.94

394
AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SW SW SW 10 25N 13WIM
LATITUDE: 1363.0
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 35.0
TOTAL DEPTH OF WELL (FT): 2.37
PERIOD OF RECORD: 1983 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 6.44
MAXIMUM DEPTH TO WATER (FT): 6.44

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.70
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.56
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.26
CHANGE IN WATER LEVEL SINCE 1983 (FT): -0.85
MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.45

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NE SW 29 25N 15WIM
LATITUDE: 1575.0
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT): 82.0
TOTAL DEPTH OF WELL (FT): 34.00
PERIOD OF RECORD: 1977 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 40.50
MAXIMUM DEPTH TO WATER (FT): 38.10

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.86
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.44
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.64
CHANGE IN WATER LEVEL SINCE 1977 (FT): 4.60
MEAN WATER LEVEL FOR PERIOD OF RECORD: 37.80

395
WOODS COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: NW NW NW 17 26N 13WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): 0.32
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.22
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.31
CHANGE IN WATER LEVEL SINCE 1983 (FT): 14.64

AQUIFER: A & T DEPOSITS OF THE CIMARRON RIVER
LEGAL DESCRIPTION: SE SW SE 36 27N 14WIM
LATITUDE: LONGITUDE:
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): 10.08
MAXIMUM DEPTH TO WATER (FT): 18.52

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.62
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 4.82
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 2.94
CHANGE IN WATER LEVEL SINCE 1983 (FT): 8.02

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.41

396
WOODWARD COUNTY

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 32 20N 17WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 25.99
MAXIMUM DEPTH TO WATER (FT): 35.06

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.11
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 9.07
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 4.49

MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.62

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SW NW NE 22 20N 18WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 7.97
MAXIMUM DEPTH TO WATER (FT): 15.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 7.83
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 6.44
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 3.83

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.78

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WOODWARD COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE NW 01 20N 19WIM
LATITUDE: 
LONGITUDE: 
WELL USE: OBSERVATION
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): 192.35
MAXIMUM DEPTH TO WATER (FT): 198.61

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 5.85
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.42
CHANGE IN WATER LEVEL SINCE 1977 (FT): 5.44

MEAN WATER LEVEL FOR PERIOD OF RECORD: 195.58

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW SW 14 20N 20WIM
LATITUDE: 
LONGITUDE: 
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2140.0
TOTAL DEPTH OF WELL (FT): 180.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 42.20
MAXIMUM DEPTH TO WATER (FT): 47.45

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.95
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.25
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.56
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.72

MEAN WATER LEVEL FOR PERIOD OF RECORD: 44.74

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### WOODWARD COUNTY (CONTINUED)

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW NE 10 20N 21WIM

**LATITUDE:**

**LONGITUDE:**

**WELL USE:** OBSERVATION

**ELEVATION OF LAND SURFACE (FT):** 2190.0

**TOTAL DEPTH OF WELL (FT):** 90.0

**PERIOD OF RECORD:** 1980 TO PRESENT

**MINIMUM DEPTH TO WATER (FT):** 40.11

**MAXIMUM DEPTH TO WATER (FT):** 44.68

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):**

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):**

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

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 42.40

---

**AQUIFER: OGALLALA FORMATION**

**LEGAL DESCRIPTION:** NE SW NE 10 20N 21WIM

**LATITUDE:**

**LONGITUDE:**

**WELL USE:** OBSERVATION

**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):** 107.50

**MAXIMUM DEPTH TO WATER (FT):** 114.39

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** 1.40

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 1.86

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 3.21

**CHANGE IN WATER LEVEL SINCE 1980 (FT):** 6.89

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 110.60
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW NW 01 20N 22WIM
LATITUDE: ___________ LONGITUDE: ___________
WELL USE: OBSERVATION
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 1996 TO 1997 (FT): 0.82
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -0.30
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -1.89
CHANGE IN WATER LEVEL SINCE 1980 (FT): -5.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 157.47

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE SE NE 19 20N 22WIM
LATITUDE: ___________ LONGITUDE: ___________
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2475.0
TOTAL DEPTH OF WELL (FT): 144.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 133.68
MAXIMUM DEPTH TO WATER (FT): 136.10

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1980 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 134.88
**AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN**

**LEGAL DESCRIPTION:** NW SE SW 17 21N 17WIM

**LATITUDE:**

**LONGITUDE:**

**WELL USE:** OBSERVATION

**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 1996 TO 1997 (FT):** -1.82

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** 3.88

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 2.68

**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 4.82

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 76.00

---

**AQUIFER: RUSH SPRINGS SANDSTONE**

**LEGAL DESCRIPTION:** NW SW NW 27 21N 18WIM

**LATITUDE:**

**LONGITUDE:**

**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 1996 TO 1997 (FT):** -11.39

**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -2.46

**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** -0.81

**CHANGE IN WATER LEVEL SINCE 1977 (FT):** 4.06

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 30.55

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401
WOODWARD COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW SW SE 28 21N 18WIM
LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION
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): 21.34
MAXIMUM DEPTH TO WATER (FT): 23.97

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.73
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.90
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1989 (FT): 0.18

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.18

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AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE NE NE 13 21N 19WIM
LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION
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): 17.80
MAXIMUM DEPTH TO WATER (FT): 20.58

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.07
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.39
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1989 (FT): -1.71

MEAN WATER LEVEL FOR PERIOD OF RECORD: 19.58

402
WOODWARD COUNTY (CONTINUED)

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NE SW 36 21N 19WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1860.0
TOTAL DEPTH OF WELL (FT): 120.0
PERIOD OF RECORD: 1989 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.91
MAXIMUM DEPTH TO WATER (FT): 14.63

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CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT):

MEAN WATER LEVEL FOR PERIOD OF RECORD: 13.61

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW NE 03 21N 20WIM
LATITUDE: LONGITUDE:
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): 2.28
MAXIMUM DEPTH TO WATER (FT): 9.30

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.75
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.39
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.10
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.53

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.13

403
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NW SE 10 21N 20WIM
LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION
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): 26.41
MAXIMUM DEPTH TO WATER (FT): 30.89

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.14
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.48
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.40
CHANGE IN WATER LEVEL SINCE 1980 (FT): 2.09

MEAN WATER LEVEL FOR PERIOD OF RECORD: 28.62

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 25 21N 20WIM
LATITUDE:  
LONGITUDE:  
WELL USE: OBSERVATION
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): 14.58
MAXIMUM DEPTH TO WATER (FT): 18.90

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.74
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.36
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1989 (FT): -0.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 16.73
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE SE 27 21N 21WIM
LATITUDE: LONGITUDE:
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): 39.70
MAXIMUM DEPTH TO WATER (FT): 43.94

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.85
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.65
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.48
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.69

MEAN WATER LEVEL FOR PERIOD OF RECORD: 41.85

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NE SW 16 21N 22WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -3.60
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.15
CHANGE IN WATER LEVEL SINCE 1980 (FT): -2.41

MEAN WATER LEVEL FOR PERIOD OF RECORD: 128.80
WOODWARD COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NW NW NW 17 22N 18W1M
LATITUDE: LONGITUDE:
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): 24.72
MAXIMUM DEPTH TO WATER (FT): 29.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.35
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.45
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.05
CHANGE IN WATER LEVEL SINCE 1979 (FT): 3.50

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.51

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: SE SE SW 01 22N 20W1M
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 42.78
MAXIMUM DEPTH TO WATER (FT): 48.72

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.93
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -5.19
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 
CHANGE IN WATER LEVEL SINCE 1989 (FT): -3.73

MEAN WATER LEVEL FOR PERIOD OF RECORD: 45.76
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SW NE 19 22N 20WIM
LATITUDE:   LONGITUDE:
WELL USE: OBSERVATION
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):   11.57
MAXIMUM DEPTH TO WATER (FT):   16.16

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  4.59
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.95
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  
CHANGE IN WATER LEVEL SINCE 1989 (FT):   0.27

MEAN WATER LEVEL FOR PERIOD OF RECORD:        13.43

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE NW NW 25 22N 20WIM
LATITUDE:   LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT):  1904.0
TOTAL DEPTH OF WELL (FT):        
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT):   1.56
MAXIMUM DEPTH TO WATER (FT):   6.98

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  3.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  1.42
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.05
CHANGE IN WATER LEVEL SINCE 1956 (FT):   4.10

MEAN WATER LEVEL FOR PERIOD OF RECORD:        4.45

407
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE SW SE 01 22N 22WIM

LATITUDE: LONGITUDE:
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): 49.93
MAXIMUM DEPTH TO WATER (FT): 58.95

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -2.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -6.15
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -4.66
CHANGE IN WATER LEVEL SINCE 1983 (FT): -3.90

MEAN WATER LEVEL FOR PERIOD OF RECORD: 54.05

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NE NW NE 02 22N 22WIM

LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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): 34.90
MAXIMUM DEPTH TO WATER (FT): 47.30

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.77
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.93
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.26
CHANGE IN WATER LEVEL SINCE 1978 (FT): 4.22

MEAN WATER LEVEL FOR PERIOD OF RECORD: 39.57

408
AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SE NE SE 08 22N 22WIM
LATITUDE: LONGITUDE:
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): 1.93
MAXIMUM DEPTH TO WATER (FT): 11.56

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 3.18
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.50
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.27
CHANGE IN WATER LEVEL SINCE 1980 (FT): 8.96

MEAN WATER LEVEL FOR PERIOD OF RECORD: 4.45

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: SW SW SW 19 22N 22WIM
LATITUDE: LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 2136.3
TOTAL DEPTH OF WELL (FT): 77.0
PERIOD OF RECORD: 1956 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 13.08
MAXIMUM DEPTH TO WATER (FT): 29.53

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 2.41
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.43
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.20
CHANGE IN WATER LEVEL SINCE 1956 (FT): 2.99

MEAN WATER LEVEL FOR PERIOD OF RECORD: 27.58
### AQUIFER: OGALLALA FORMATION

**LEGAL DESCRIPTION:** NW NE NE 24 22N 22WIM  
**LATITUDE:**  
**WELL USE:** OBSERVATION  
**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):** 117.30  
**MAXIMUM DEPTH TO WATER (FT):** 122.58

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -1.40  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -1.00  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 2.67  
**CHANGE IN WATER LEVEL SINCE 1983 (FT):** 3.20

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 120.01

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

**LEGAL DESCRIPTION:** SE SE NE 13 23N 19WIM  
**LATITUDE:**  
**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):** 60.30  
**MAXIMUM DEPTH TO WATER (FT):** 64.59

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**CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):** -0.06  
**CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):** -0.21  
**CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):** 2.96  
**CHANGE IN WATER LEVEL SINCE 1979 (FT):** 1.94

**MEAN WATER LEVEL FOR PERIOD OF RECORD:** 62.54
WOODWARD COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE NE NE 21 23N 19WIM
LATITUDE: LONGITUDE:
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): 30.70
MAXIMUM DEPTH TO WATER (FT): 43.32

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -0.78
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.62
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 3.67
CHANGE IN WATER LEVEL SINCE 1979 (FT): 10.42

MEAN WATER LEVEL FOR PERIOD OF RECORD: 36.56

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE NW NW 05 23N 20WIM
LATITUDE: LONGITUDE:
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): 27.90
MAXIMUM DEPTH TO WATER (FT): 32.96

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.45
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.30
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.84
CHANGE IN WATER LEVEL SINCE 1977 (FT): 2.06

MEAN WATER LEVEL FOR PERIOD OF RECORD: 31.44

411
WOODWARD COUNTY (CONTINUED)

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE SW NW 20 23N 20W1M
LATITUDE: ____________________ LONGITUDE: ___________________
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 1880.0
TOTAL DEPTH OF WELL (FT):
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 1996 TO 1997 (FT): 1.10
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 2.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.48
CHANGE IN WATER LEVEL SINCE 1979 (FT): 2.80

MEAN WATER LEVEL FOR PERIOD OF RECORD: 10.71

AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NE SE SE 25 23N 21W1M
LATITUDE: ____________________ LONGITUDE: ___________________
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): 22.00
MAXIMUM DEPTH TO WATER (FT): 23.18

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 1.18
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.60
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):
CHANGE IN WATER LEVEL SINCE 1989 (FT): 0.37

MEAN WATER LEVEL FOR PERIOD OF RECORD: 22.64
AQUIFER: RUSH SPRINGS SANDSTONE
LEGAL DESCRIPTION: NW NE NE 27 23N 21WIM
LATITUDE: LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT): 1930.0
TOTAL DEPTH OF WELL (FT): 62.0
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 11.22
MAXIMUM DEPTH TO WATER (FT): 16.40

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -1.04
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 3.04
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.79
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.11

MEAN WATER LEVEL FOR PERIOD OF RECORD: 14.58

AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: NE SE SE 03 23N 22WIM
LATITUDE: LONGITUDE:
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 1996 TO 1997 (FT): -0.35
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.41
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 0.90
CHANGE IN WATER LEVEL SINCE 1980 (FT): 5.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.43
WOODWARD COUNTY (CONTINUED)

AQUIFER: OGALLALA FORMATION
LEGAL DESCRIPTION: NW SE SE 22 23N 22WIM
LATITUDE:  LONGITUDE:
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):  17.10
MAXIMUM DEPTH TO WATER (FT):  24.90

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.05
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -1.99
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.02
CHANGE IN WATER LEVEL SINCE 1980 (FT): 3.82

MEAN WATER LEVEL FOR PERIOD OF RECORD: 20.80

AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: SE NW SE 32 23N 22WIM
LATITUDE:  LONGITUDE:
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):  3.85
MAXIMUM DEPTH TO WATER (FT):  10.60

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 4.77
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 1.73
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -0.17
CHANGE IN WATER LEVEL SINCE 1981 (FT): 5.16

MEAN WATER LEVEL FOR PERIOD OF RECORD: 6.64
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW SW SW 18 24N 20WIM
LATITUDE:        LONGITUDE:
WELL USE: OBSERVATION
ELEVATION OF LAND SURFACE (FT): 2027.5
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1978 TO PRESENT
MINIMUM DEPTH TO WATER (FT): 36.30
MAXIMUM DEPTH TO WATER (FT): 44.50

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): -3.55
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): -2.61
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 1.61
CHANGE IN WATER LEVEL SINCE 1978 (FT): 2.55

MEAN WATER LEVEL FOR PERIOD OF RECORD: 40.45

AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: SW SW SW 31 24N 20WIM
LATITUDE:        LONGITUDE:
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): 44.60
MAXIMUM DEPTH TO WATER (FT): 52.33

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT): 0.14
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT): 0.24
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): 5.02
CHANGE IN WATER LEVEL SINCE 1979 (FT): 7.21

MEAN WATER LEVEL FOR PERIOD OF RECORD: 48.28
AQUIFER: A & T DEPOSITS OF THE BEAVER-NORTH CANADIAN
LEGAL DESCRIPTION: NE SE SW 14 24N 21WIM
LATITUDE:  LONGITUDE:
WELL USE: DOMESTIC
ELEVATION OF LAND SURFACE (FT):  1995.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1979 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  25.05
MAXIMUM DEPTH TO WATER (FT):  31.70

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  -0.56
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):  -0.32
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  0.76
CHANGE IN WATER LEVEL SINCE 1979 (FT):  1.21

MEAN WATER LEVEL FOR PERIOD OF RECORD:  28.49

AQUIFER: OGLALLA FORMATION
LEGAL DESCRIPTION: NE NE NE 04 24N 22WIM
LATITUDE:  LONGITUDE:
WELL USE: IRRIGATION
ELEVATION OF LAND SURFACE (FT):  1985.0
TOTAL DEPTH OF WELL (FT):
PERIOD OF RECORD: 1980 TO PRESENT
MINIMUM DEPTH TO WATER (FT):  4.20
MAXIMUM DEPTH TO WATER (FT):  10.45

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CHANGE IN WATER LEVEL FROM 1996 TO 1997 (FT):  3.02
CHANGE IN WATER LEVEL FROM 1992 TO 1997 (FT):
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT):  1.54
CHANGE IN WATER LEVEL SINCE 1980 (FT):  1.84

MEAN WATER LEVEL FOR PERIOD OF RECORD:  7.74

416
AQUIFER: A & T DEPOSITS OF WOLF CREEK
LEGAL DESCRIPTION: SW SW NE 34 24N 22WIM
LATITUDE: LONGITUDE:
WELL USE: OBSERVATION
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 1992 TO 1997 (FT): -0.06
CHANGE IN WATER LEVEL FROM 1987 TO 1997 (FT): -2.14
CHANGE IN WATER LEVEL SINCE 1989 (FT): -2.14

MEAN WATER LEVEL FOR PERIOD OF RECORD: 30.19