

POSEIDON Saltwater Systems transforms produced water into commercial products with ZERO waste

We use nature's hydrologic cycle to evaporate water as the final step. We have a suite of patents for our process, and look forward to opening wells stranded by the produced water challenge.

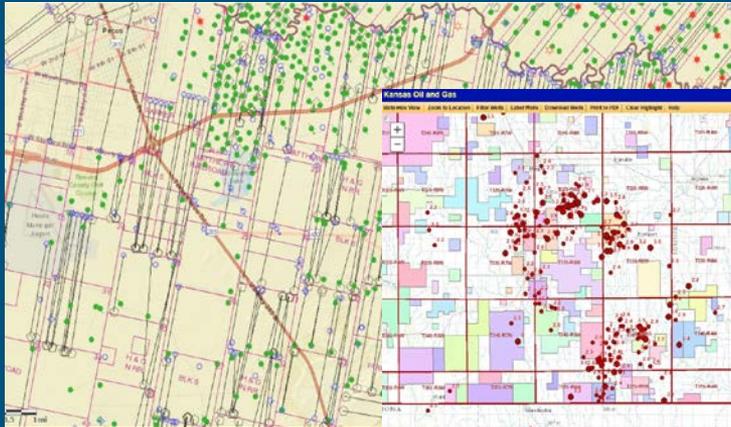
Come see us www.GoZero.US



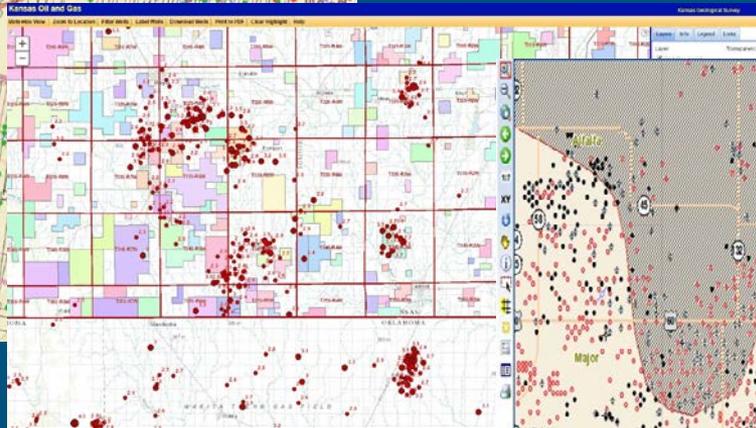
Status: we're deciding where to roll out next

Our industry faces challenges from Kansas to California ...with the public at risk and production in peril.

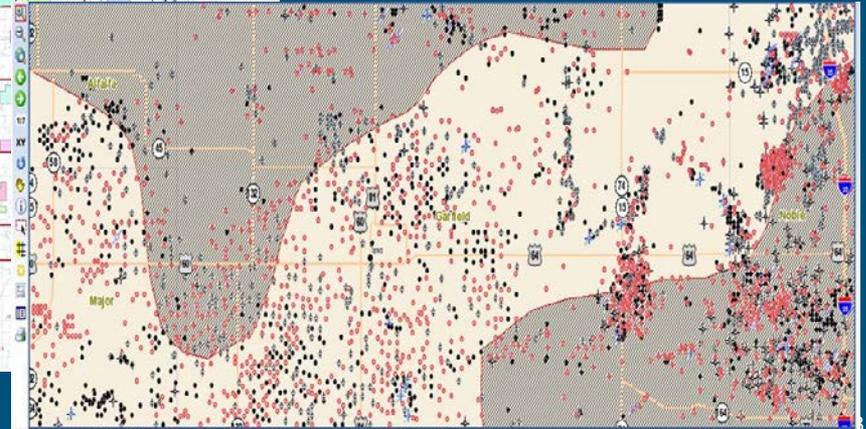
Texas



Kansas



Oklahoma



Our standards: We ask ourselves these questions

- ✓ 1. Do we get clean water?
- ✓ 2. How do we best contain the salt?
- ✓ 3. Who are the buyers for salt & other commercial byproducts?
- ✓ 4. What's the environmental impact?
- ✓ 5. How do we enhance existing industry infrastructure?

Our standards: Low cost, can be put anywhere

- ✓ 6. Is this flexible? Useful as infield? as a depot?
- ✓ 7. How do we grow to handle the volumes?
- ✓ 8. How does capital cost compare to other disposal methods?
- ✓ 9. How does cost per barrel compare?
- ✓ 10. What are the barriers to rolling out quickly?

We plan to stay the low cost provider

SECTION 3

Produced Water Re-use Scenarios

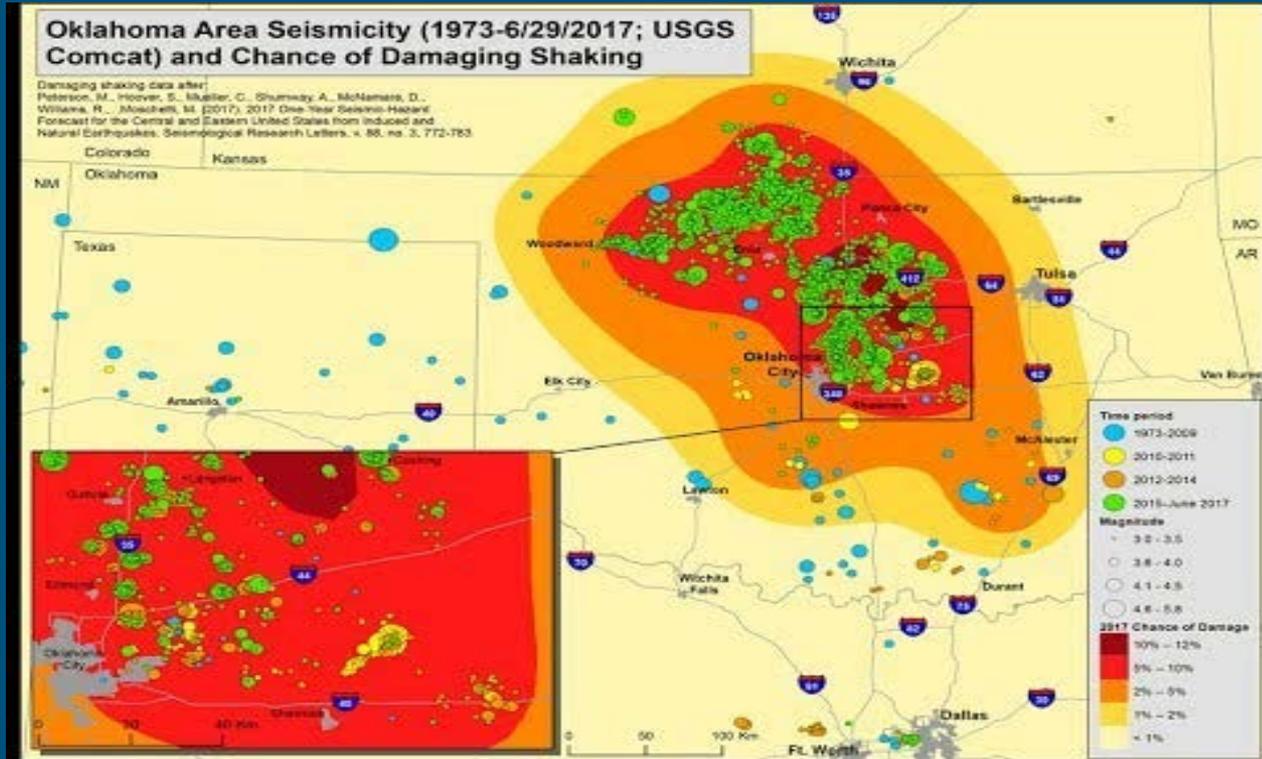
Table 3-1. Cost Estimates for Ten Produced Water Use Scenarios

Oklahoma Water for 2060 Produced Water Re-use and Recycling Report

New Case	Case Description	Total Capital (\$Millions)	Capacity BWPD	County	Assumed Wtr TDS (mg/L)	Normalized \$/BW
1	Typical Source and Dispose - STACK & SCOOP	NA	NA	Central OK	NA	1.09
2	Oil and gas re-use (treatment cost only)	NA	NA	State-wide	NA	0.57
3	Clean Brine Transfer & treatment	208	200,000	Alfalfa	213,000	1.03
4	Evaporation - low TDS (SCOOP & STACK)	NA	20,000+	Blaine	17,000	1.66
5	Evaporation - high TDS (Miss. Lime)	NA	20,000+	Alfalfa	213,000	1.79
6	Desalination for Surface Discharge	22	15,000	Beckham	9,000	3.58
7	Desalination for Power Use	88	130,000	Pawnee	125,000	4.37
8	Desalination for Power Use	95	230,000	Seminole	180,000	4.43
9	Desalination for Industrial Use	35	30,000	Grant	227,000	7.41
10	Desalination for Surface Discharge	38	30,000	Grant	227,000	7.49

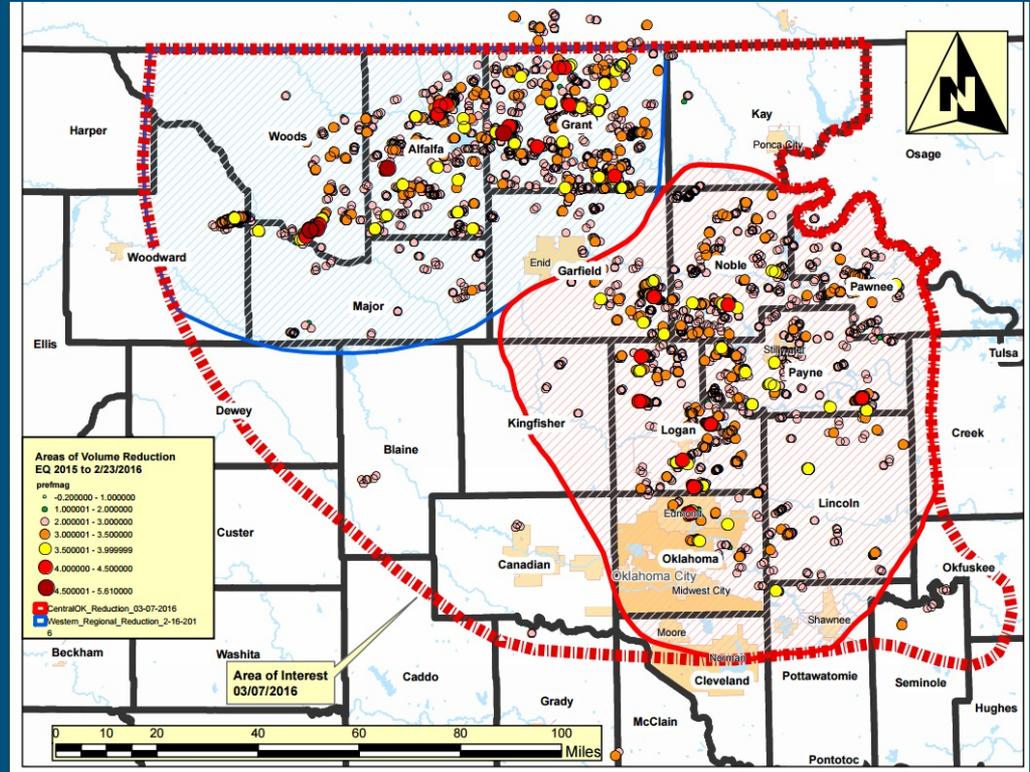
This is the Task Force report estimate, but Poseidon considers this estimate to be too high

Other states are following the Oklahoma pattern 13 years of earthquakes in under 60 seconds



Jobs at Poseidon plants are stable; we transform produced water boom or bust. We estimate 1000 jobs inside the redline.

With 1.3 billion in proven reserves in the Mississippi Lime, let's get stranded wells back online to boost the economy.



INPUT:

Trucks or pipelines bring raw produced water to our plants



Stages in Poseidon's Water Treatment System



Untreated
produced
water

Oil skim
removed

Skimmed
Floc

Post water
clarifying unit

After
filtration

Dried salt

OUTPUT:

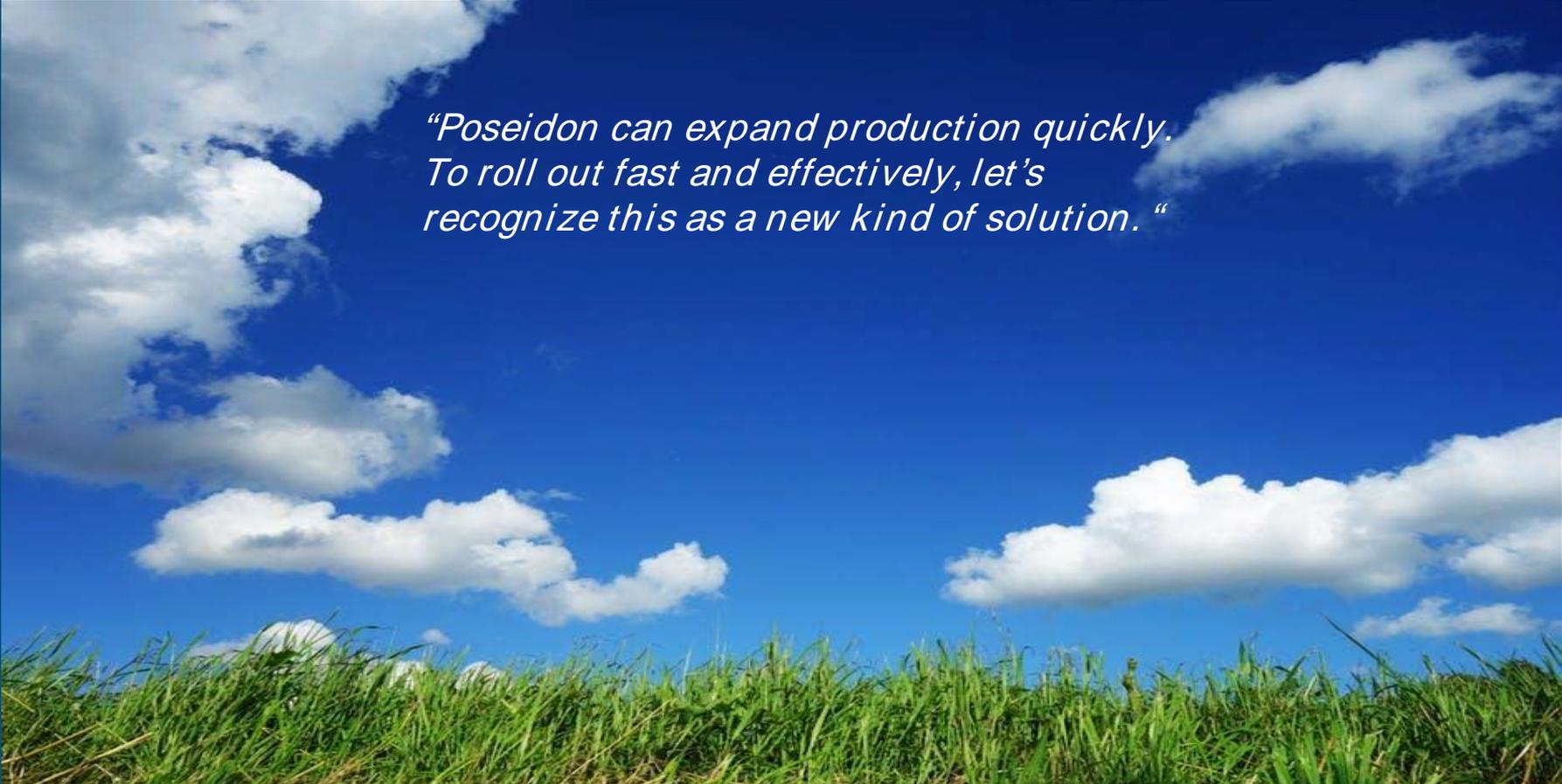
Poseidon turns waste water into commercial products



Cycle vs. recycle/re-use

At Poseidon, we CYCLE:

- Poseidon collaborates with nature to use the hydrologic cycle
- We harness wind, humidity and temperature to work in our favor
- ZERO waste
- Therefore we never need pits, wells, or adjacent water



*“Poseidon can expand production quickly.
To roll out fast and effectively, let’s
recognize this as a new kind of solution. “*

Come visit us www.GoZero.US Dennis Hudgens, Founder, CEO