

BARIUM SULFATE SCALE REMEDIATION TREATMENT IN WOLFBERRY FORMATION WELL



CHEMICAL SOLUTIONS

Challenges

- High scaling problematic area
- Production decline
- Large amounts of solids present downhole

Tech Management Solution

- Tech Management conducted a Casing/NWB clean-up utilizing SRW8010

Results

- Treatment paid for itself within the first few days of production
- Increase of daily oil production averaging at 20 BOPD to a peak of 51 BOPD

Barium Sulfate

An operator in West Texas experienced low production in a Wolfberry formation well in Reagan County. The well was a rod pump well that was producing 7 BOPD and declined to zero BOPD.

The well was pulled due to being stuck down hole. Once the pump and rods were retrieved, they showed to have a large amount of solids present. The lab analysis revealed the solids were predominately Barium Sulfate Scale.

To insure a clean wellbore, Tech Management recommended a Casing/NWB clean utilizing their SRW-8010 (Barium Sulfate Dissolver) to clean out the casing/tubing perfs of any Barium.

After cleaning up the well and re-running production equipment, the well experienced an increase in production. The first day production operations started, oil production increased 25 BOPD and was observed to have a peak production of 51 BOPD.

Note: This case study is presented for illustration purposes only as results may vary between applications.