

Attachment

OXY USA Inc. #4 Government AD  
Sec. 9-T20S-R28E  
Eddy County, New Mexico

- w/50 sacks of Class H cement + 0.6% Halad 9 + 100 sacks of Class H cement. Displace w/fresh water to retainer to acquire squeeze pressure. Sting out retainer, reverse excess cement to the pit and POOH w/tubing.
5. RIH w/5-1/2" cement retainer on 2-7/8" tubing and set the retainer @ 8900' and squeeze the Wolfcamp Perfs @ 9003 - 9023' w/50 sacks of Class H cement + 0.6% Halad 9 = 100 sacks of Class H cement. Displace w/fresh water to the retainer to acquire squeeze pressure. Sting out of retainer, reverse excess cement to the pit and POOH w/tubing.
  6. RIH w/4-3/4" RB, 5-1/2" casing scraper and DC's on 2-7/8" and drill out the retainers set @ 8900', 9200' and 9700' and test the casing to 1500# and circulate the hole w/4% KCl in 10# brine water. POOH w/RB, casing scraper, DC's and tubing.
  7. Perforate the Atoka Formation w/2 SPF @ 10406, 07, 08, 09, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 10696, 97, 98, 10705, 06, 07, 08, 71, 72, 73, 74, 75, 76, 78, 79, 98, 99 and 10800'. Total of 66 holes.
  8. RIH w/2-3/8" tubing sub, quick flow nipple, 5-1/2" Baker Lok-set packer w/ on-off tool containing a 1.87" Model F profile nipple and 2-7/8" tubing and set the packer @ 10300'. ND BOP's and NU WH and pressure 5-1/2" casing to 1500#. Drop sinker bar to break quick flow disk and test well natural.
  9. If necessary, pressure the annulus to 1000# and acidize thru Atoka Perfs @ 10406 - 10800' w/5000 gals 7-1/2% NeFe HCl acid w/additives. SI well for 15 min. Open well on a 16/64" choke, recover load and test well.
  10. RIH w/tandem BHP bombs w/5 day clocks and 5000# gauges to 10600' with the well flowing. Flow the well for 1 hr. and SI well for 72 hrs. for pressure build-up. Pull bombs, read charts and if necessary re-run the bombs.
  11. RIH w/tandem BHP bombs w/24 hr. clocks and 5000# gauges to 10600' and run the 4-point tests.
  12. RU wireline, set plug in Model F profile nipple. Release on-off tool, PU on tubing and circulate the hole w/4% KCl water containing 3 gals per thousand Unichem Technihib 370 packer fluid. Swab well down to the profile nipple, RU wireline and retrieve plug and put well on production.