

Union, New Mexico
March 8, 1941

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APR 26 1961

D. C. C.
ARTESIA, OFFICE

To: Recomplete as dual Red I by Penn. (300) no action. as per mail and Empire Abc oil mail.

1. Kill well with brine and pull 3-inch tubing.
2. Set retrievable bridge plug at 2400 feet and pump out 1/2 sand off top.
3. Perforate 5-1/2-inch casing at 5240 feet with 4 jets.
4. Hook up and break circulation with water. If circulation cannot be broken, continue with Step 5 and aqueduct cement later. 200 sacks of cement plus 8% gel; run temperature survey; perforate higher and re-cement, if necessary; skip Step 6 and continue with Step 7.
5. Set drillable retriever on 3-inch tubing at 6212 feet.
6. If circulation was established in Step 4, pump 50 barrels of brack water containing 1000# of A.P.F. Sodium acid phosphate, followed by 50 barrels of fresh water, followed by 100 sacks of Leister Super sulphate resisting cement plus 5% gel - all at a rate of 6 barrels per minute or higher.
7. Drill out retriever and cement and pump a test to 100 pounds.
8. Wash out sand and retriever bridge plug at 6400 feet.
9. Run 3-inch free tubing with Baker seals and latch-in seal and set in packer at 9100 feet.
10. Free Bend gas zone at 9441-9488 feet with 15,000 gallons of acid gelled slick water and 15,000 pounds sand at maximum rate.
11. Swab in and clean up.
12. Kill Bend with brine and pull free tubing.
13. Perforate Abo with 2 jets per foot 5343-5400' 5408-5414'; 5446-5447'.
14. Set Baker Model B packer at 3500'.
15. Run 2-inch tubing assembly including Otis upper packer with Otis type "B" cross-over assembly.
16. Blank off Bend.
17. Acidize Abo perforated intervals with 25,000 gallons of 15% acid through tubing at high rate.
18. Swab in Abo through tubing and test.
19. Blank off Abo.
20. Swab in Bend through tubing and run 2 point test, using National Tank Co., rental equipment and testing.
21. Run routing device to packer Abo through tubing and Bend through casing annulus.
22. Run packer leakage test, place Abo on production and shut in Bend until market outlet obtained.

AF 279

ALC: BKB/mcb