New Mexico Oil Conservation Commission FORM C-103
Humble Oil & Refining Company's D. H. Crockett No. 2

Detailed account of work done, nature and quantity of materials used, and results obtained.

1. Move in and rig up.
2. Pulled rods, pump and tubing.
3. Reran tubing with full bore cementer and seal plug. Set plug in packer at 10,533.
4. Loaded hole with water. Tested pipe with 2000# pressure for 30 minutes - held OK. Pulled tubing and packer out of hole.
5. Reran tubing with retrievable seal. Unlatched seal and pulled tubing.
6. Ran tubing back in hole with latch in tool and mill. Milled over packer at 10533. Pulled out tubing and packer. Ran and set CI plug at 10744. Placed two sacks cement on top of plug by PGAC.
7. Ran tubing and set packer at 10533. Swabbed. Recovered 100% water.
8. Pulled packer loose. Pulled tubing.
9. Perf csg from 10363 to 10366 and 10370 to 10378 with one jet shot per ft. by McCullough.
10. Ran retrievable bridge plug and full bore cementer. Set retrievable plug at 10461.
11. Loaded casing with water. Spotted acid over above perforations. Let soak for 30 minutes.
12. Acidized perforations with 500 gals mud acid with an average injection rate of 1/2 BPM. Maximum pressure 5500#. Minimum pressure 4000#. Job by Chemical Engineering, Inc.
13. Swabbed. Recovered 100% water. Swabbed well dry.
14. Acidized above perforations with 2000 gals Reg 15% acid with an average injection rate of 1 BPM. Maximum pressure 4900#. Minimum pressure 4500#. Job by Chemical Engineering, Inc.
15. Loaded tubing with water. Pulled packer and tubing.
16. Perf casing from 10352 to 10378 with one jet shot per ft. by McCullough.
17. Reran tubing with packer. Set packer at 10,300.
18. Acidized perf 10352 to 10378 with 3000 gals Reg. 15% acid with an average injection rate of 1.5 BPM. Maximum pressure 5000#. Minimum pressure 4500#. Job by Chemical Engineering, Inc.
19. Swabbed water. Packer leaked. Pulled tubing and packer. Packer damaged. Replaced packer and reran tubing. Swabbed well dry.
20. Attempted to pull bridge plug, but unable to latch into. Had to pull tubing, remove packer and rerun tubing to latch into bridge plug. Pulled bridge plug and reran tubing with packer. Packer set. Tried to get packer loose. Had to pull tubing and mill on packer. Pulled packer out of hole.
21. Went in hole with junk basket and packer by wire line. Ran junk basket to approximately 10,390. Hit plug. Drilled and milled on plug.
22. Ran Dia-Log Free Point Indicator in tubing down to 2501, unable to get below. Ran Dia-Log Spudding Assembly and drilled out obstruction at 2501 and on down to 10493. Ran Dia-Log Free Point Indicator in tubing down to 10493. Ran Dia-Log string shot and backed off 3-1/2" crossover sub out of 3-1/2" DC at 10493.
23. Ran four 3-1/2" DC bumper sub and Bowen jars and 2-7/8" reg and 2" tubing screwed into plug. Jarred plug and pushed down to 10580. Pulled tubing, jars and bumper subs.
24. Attempted to run tubing, mill jars and bumper sub, but couldn't get below collapsed casing at 10496. Pulled tubing, mill jars and bumper sub out of hole.

L. E. Crockett No. 7 (continued)

25. Ran drill pipe with roller, oil jar, DC and bumper sub. Hit tight spot at 10485. Worked down to 10490. Pulled drill pipe and other equipment.. Reran drill pipe. Drilled and pushed plug down to 10730.
26. Set CI bridge plug at 10730 by wire line. Set packer at 10325.
27. Ran tubing, rods and pump. Put well to pumping. Testing.
28. After 7 days of testing, pulled rods, pump and tubing. Reran tubing, rods and pump. Couldn't get well to pump.
29. Acidized perf 10597 to 10612 with 3000 gals 15% NM acid with an average injection rate of 2.5 BPM. Maximum pressure 1400#. Minimum pressure 400#. Job by Cardinal Chemical. Swabbed.
30. After 21 days testing, well finaled as a pumping oil well.