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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

OCT 21 7 38 AM '63

| | | | | | | | |
|--|--------------------------------|-------------------------|----------------------|--|----------------------|--|--|
| Name of Company Shell Oil Company | | | | Address Box 1858 Roswell, New Mexico | | | |
| Lease Buckley "A" | Well No. 3 | Unit Letter L | Section 25 | Township 14 S | Range 37 E | | |
| Date Work Performed 10-1 thru 10-17-63 | Pool Danton-Devonian | | | County Lea | | | |

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☐ Plugging
 ☒ Remedial Work

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

1. Ran caliper survey from T.D. 12,598' to casing shoe @ 12,257'.
2. Plugged back with sand to 12,488' and capped with 29' of Hydromite and plugged back to 12,459'.
3. Perforated lower 20' of 5 1/2" casing 12,237-12,257' with 1 jet shot per foot.
4. Ran 2 1/2" tubing and Lynes Packers. Set lower packer @ 12,327' and upper packer @ 12,273'.
5. Treated open hole below bottom packer (12,327-12,459') with 4000 gallons acid-in-kerosene emulsion (20% kerosene). Treated between packers (12,273-12,327') with 2000 gallons acid-in-kerosene emulsion (20% kerosene). Treated open hole and perforations above packer (12,237-12,273') with 2000 gallons 15% NEA with Dow M-38, M-33 and W-27 NE additives.
6. Pulled tubing and Lynes Packers.
7. Reran 2424' of 2" (N&J) tubing, B.P., 10,014' of 2 1/2" (N&J) tubing and hung @ 12,455' (4' off bottom) with 2 1/2" mud anchor @ 10,031-10,000'; 2 sets perforations 10,000-9996' and 9990-9988'; SN @ 9987'; and McGaffey-Taylor anchor @ 9907-9903'.
8. Recovered load.
9. In 24 hours pumped 55 BO / 338 BW on 5-26' SPM.

| | | |
|---------------------------------------|----------------------------------|-------------------------------------|
| Witnessed by H. G. Starling | Position Prod. Foreman | Company Shell Oil Company |
|---------------------------------------|----------------------------------|-------------------------------------|

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

| ORIGINAL WELL DATA | | | | | |
|----------------------------------|--------------------------------|--------------------------------------|---|--|--|
| D F Elev. 3819' | T D 12,598' | P B T D - - - | Producing Interval 12,247-12,598' | Completion Date March 13, 1954 | |
| Tubing Diameter 2-3/8" | Tubing Depth 12,594' | Oil String Diameter 5 1/2" | Oil String Depth 12,247' | | |
| Perforated Interval(s) | | | | | |

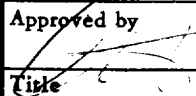
| | |
|---|---|
| Open Hole Interval 12,247-12,598' | Producing Formation(s) Devonian |
|---|---|

RESULTS OF WORKOVER

| Test | Date of Test | Oil Production BPD | Gas Production MCFPD | Water Production BPD | GOR Cubic feet/Bbl | Gas Well Potential MCFPD |
|-----------------|--------------|--------------------|----------------------|----------------------|--------------------|--------------------------|
| Before Workover | 11-13-63 | 35 | | 359 | 1620 | |
| After Workover | 10-16-63 | 55 | | 338 | 1129 | |

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

| | | |
|---|--|--|
| Approved by  | Name V. L. King | Original Signed By: V. L. KING |
| Title Acting District Exploitation Engineer | Position Acting District Exploitation Engineer | |
| Date | Company Shell Oil Company | |

