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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)

| | | | | | | | |
|--|----------------------|----------------------------|----------------------|---|------------------------|--|--|
| Name of Company Shell Oil Company | | | | Address P. O. Box 1858, Roswell, New Mexico | | | |
| Lease Hooper | Well No. 1 | Unit Letter G | Section 27 | Township 19S | Range 36 37E | | |
| Date Work Performed 8-23-62 thru 9-28-62 | | Pool Pearl-Queen | | 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. Pulled rods, pump and tubing.
2. Drilled CI cement betainer at 4835', drilled cement to 4870'. Washed to 4983'.
3. Perforated 5 1/2" casing 4851' - 4856', 4862' - 4872' w/1 JSPP.
4. Ran Baker FERC on 3"XL tubing, set packer at 4846' (between old & new perforations) Pressured casing annulus to 800 psi 4 times, no communication. Pressured tubing to 1800 psi, no communication.
5. Unseated packer, lowered tubing to 4876'. Spotted 250 gallons 15% Spearhead acid over perforations 4851' - 4872'. Raised tubing and reset packer at 4846'.
6. Treated perforated interval 4851' - 4872' w/18,000 gallons lease crude containing 1/20# Mark II Adomite/gallon + 19,000# 20-40 Mesh sand.
7. Pulled 3" tubing & packer.
8. Ran 156 jts. (4912') 2 1/2", EUE, tubing & hung at 4924' w/Sawtooth pin collar on bottom, 2 1/2" x 2" tubing coupling w/ 1/8" vent hole below seating nipple at 4893'.
9. Ran pump and rods.
10. In 24 hours pumped 6 BO + 6 BW w/9-64" SM.

| | | |
|------------------------------------|---------------------------------------|-------------------------------------|
| Witnessed by H. B. Leach | Position Production Foreman | Company Shell Oil Company |
|------------------------------------|---------------------------------------|-------------------------------------|

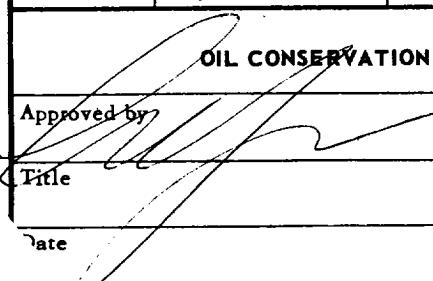
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

| | | | | |
|--|------------------------------|--|--|------------------------------------|
| D F Elev. 3730' | T D 13,950' | P B T D 4845' | Producing Interval 4706' - 4842' | Completion Date 12-10-56 |
| Tubing Diameter 2 1/2" | Tubing Depth 4803' | Oil String Diameter 5 1/2" | Oil String Depth 13,824' | |
| Perforated Interval(s) 4706', - 4806' - 4830', & 4838' - 4842' | | | | |
| Open Hole Interval - | | Producing Formation(s) Queen | | |

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 | 7-16-62 | 2 | 4.0 | 1 | 2000 | - |
| After Workover | 9-28-62 | 6 | not measured | 6 | not measured | - |

| | | | |
|---|---|---|--|
| OIL CONSERVATION COMMISSION | | I hereby certify that the information given above is true and complete to the best of my knowledge. | |
| Approved by  | Name R. A. Lowery | Original Signed By R. A. LOWERY | |
| Title District Exploitation Engineer | Position District Exploitation Engineer | | |
| Date 9-28-62 | Company Shell Oil Company | | |

