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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office May 4, 1964 Commission Rule 1106)

Name of Company Shell Oil Company		Address P. O. Box 1858, Roswell, New Mexico 88201	
Lease State MO	Well No. 3	Unit Letter M	Section 17
Township 16S		Range 32E	
Date Work Performed 4-12-64 thru 5-7-64	Pool Mesa-Queen	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

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

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

1. Pulled rods, pump and tubing.
2. Set FERC at 3347' & squeezed perforations with 85 sx. at 5000 psi. Pulled tubing & FERC.
3. After WOC 20 hours ran 3 7/8" bit on 2" tubing, top of cement at 3345'. Drilled 66" cement. Drilled frac sand to 3446'. Tested squeeze w/2300 psi/30 minutes/OK.
4. Spotted 250 gallons 15% NEA on bottom. Pulled tubing and bit.
5. Perforated 3394' - 3404' w/ 3/8" JS (10' - 11 holes).
6. Ran 110 jts. 2", J-55, tubing to 3433', 4' tubing perforations, open ended on bottom, Mechanical pump lock at 3400'. Injected acid. Pulled 2 jts. tubing & hung at 3373' open ended.
7. Treated w/10,000 gallons lease crude containing 10,000# 20-40 Mesh Sand and 325# Mark II Adomite. Pulled tubing.
8. Hung 109 jts. 2" tubing at 3411' w/6' BPMA, tubing perforations 3401' - 3405', Mechanical Pump Shoe 3400' - 3401'.
9. Ran 2" x 1/2" x 12' Pacific Pump on 137-3/4" rods.
10. In 24 hours pumped 7 BO, no water, on 7 1/2-54" SPM.

Witnessed by H. G. Starling	Position Production Foreman	Company Shell Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 4358'	T D 3480'	P B T D 3448'	Producing Interval 3393' - 3412'	Completion Date March 3, 1964
Tubing Diameter 2"	Tubing Depth 3416'	Oil String Diameter 4 1/2"	Oil String Depth 3478'	


Perforated Interval(s) 3393' - 3403' & 3400' - 3412'
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Open Hole Interval -	Producing Formation(s) Queen
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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	4-10-64	12	not measured	-	not measured	-
After Workover	5-7-64	7	not measured	-	not measured	-

OIL CONSERVATION COMMISSION	I hereby certify that the information given above is true and complete to the best of my knowledge.
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Approved by 	Name Original Signed By R. A. LOWERY R. A. Lowery
Title Engineer District 1	Position District Exploitation Engineer
Date MAY 11 1964	Company Shell Oil Company