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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 Box 1858 Roswell, New Mexico			
Lease State "W"	Well No. 2	Unit Letter 0	Section 36	Township 17 S	Range 35 E		
Date Work Performed June 9 thru 17, 1962		Pool Vacuun-Abo		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.

Drilled to 9180'. Left six drill collars, reamer and bit in hole with top of fish at 8997'. Ran 8976' of 4 1/2" (11.6#, 9.5#, J-55) casing and cemented @ 8990' with 675 sacks 50-50 Pozmix "S" Class A plus 18% gel and 200 sacks Class C plus 4% gel. Plug down @ 5:45 p.m. (MST), June 10, 1962. After WOC 60 hours ran 2" tubing and checked PBD @ 8955'. Pressured casing to 1500 psi. Bled to 1300 psi in 10 minutes. Set packer in top of 4 1/2" casing. Pressured to 1500 psi and bled to 1000 psi in 30 minutes. Displaced water with inhibited oil and spotted 400 gallons MCA on bottom. Perfs - 8695-8738', 8740-8756', 8782-8788', 8797-8834', 8845', 8847-8851' with one jet shot per foot. Set retrievable bridge plug @ 8662'. Circulated casing with water. Tested casing with 1500 psi and found no leaks below 1700'. Set packer at the following intervals and tested casing with results listed:

1516' Pressure bled from 1525 psi to 1350 psi in five minutes.

1576' Pressure bled from 1500 psi to 1375 psi in five minutes.

1608' Pressure bled from 1500 psi to 1375 psi in five minutes.

Witnessed by J. G. Yope, Frank Jones - Drilling Foreman, Prod. Foreman	Position Shell Oil Company	Company Shell Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

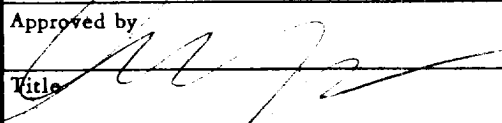
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

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						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by 	Name W. A. Harthorn	ORIGINAL SIGNED BY W. A. HARTHORN
Title Division Mechanical Engineer	Position Division Mechanical Engineer	
Date	Company Shell Oil Company	

1637' Pressure bled from 1500 psi to 1475 psi in 5 minutes.
1669' Pressure bled from 1500 psi to 1475 psi in 5 minutes.
1700' to 8662' No pressure bled off.

Top of cement in 8-5/8" - 4-1/2" annulus calculated from caliper survey is approximately 1800' (using 15% excess for cracks not reached by caliper).

In process of retrieving bridge plug.

Preparing to run 2-3/8" tubing with Model "D" packer and set packer @ 8650'

As per discussions between W. A. Harthorn and Eric Engbrecht on June 15, 1962; also between W. A. Harthorn and J. Kapteina on June 18, 1962.