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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 Humble-State AL	Well No. 1	Unit Letter D	Section 16	Township 16	Range 35		
Date Work Performed Oct 12 thru Nov 1, 1961		Pool Townsend		County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain):
☐ Plugging
 ☐ Remedial Work
 Re-enter and convert to water source well.

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

Pulled dry hole marker and dug out cellar. Drilled and washed to 2023'. Ran Lane-Wells GR/W survey. Set C.I.B.P. @ 1645' and capped with 2 sacks cement. Pressure tested casing to 1000 psi - no drop in pressure. Perforated 1486-1510' and 1517-1526' with 2 B.S.P.F. In 3½ hours swabbed 71 BW and swabbed dry. Pumped 2000 gallons fresh water followed by 5700 gallons fresh water with 1# 20-40 mesh sand/gallon plus 3# FR-2/1000 gallons. Flushed with 1980 gallons fresh water. Swabbed and recovered 54 BW. Spotted 500 gallons 15% MCA. Perforated with 1 B.S.P.F. 1532-1534', 1537-1540', 1545-1552', 1564-1568', 1578-1582', 1608-1610', 1613-1615', 1618-1620', 1622-1624', 1625-1627'. Displaced acid to formation, then pumped 5000 gallons fresh water. Pumped 15,000 gallons "frac" (fresh water containing 3# FR-2/1000 gallon). Pumped ½# 20-40 sand/gallon for 4 minutes, then increased sand to 1#/gallon. Injected 15 RCN ball sealers in 500 gallons water. Pumped 15,000 gallons "frac" at 1# sand/gallon. Injected 15 RCN ball sealers in 500 gallons water. Pumped 10,000 gallons "frac" at 1# sand/gallon. Flushed with 3000 gallons water. Recovered load and in 24 hours pumped 1000 barrels water, with 40 h.p. Reda Bottom Hole Centrifical Pump @ 1458'.

Witnessed by _____ Position _____ Company _____

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P BTD	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						

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

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

