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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

HOBBS OFFICE O. C. C.

(Submit to appropriate District Office as per Commission Rule 106)

Name of Company Humble Oil & Refining Company				Address Box 2100, Hobbs, New Mexico			
Lease New Mexico State W	Well No. 27	Unit Letter H	Section 30	Township 22-S	Range 37-E		
Date Work Performed 10-1, 11-1-63	Pool Langlie Mattix			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☒ Other (Explain):
 For reservoir control in connection with waterflood pilot project.
- ☐ Plugging
 ☐ Remedial Work

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

- Moved in company unit and pulled rods and tubing.
- Reran tubing with Halliburton retrievable bridge plug. Set plug at 3675.
- Dumped 2-1/2 gallons frac sand down casing and washed to bottom with water.
- Perforated 2-7/8" casing at 3609, 3613, 3625, 3635, 3638, 3661, 3670 with one jet shot per depth by Schlumberger.
- Frac above perf with 15,000 gallons El Paso Residue oil with 0.025# Mark II Adomite per gallon and 30,000# 20-40 sand with an average injection rate of 6.1 BPM. Break down pressure 3600#. Average treating pressure 5200# (after pumping in 7000, 8000, 9000 and 10,000 gallons residue oil, one ball sealer was dropped. A total of four ball sealers were used). Work by Halliburton.
- Attempted to flow well but failed.
- Ran tubing in hole, washed frac sand from top of retrievable plug and latched onto plug. Pulled tubing and plug.
- Reran tubing. Ran rods and pump. Started well pumping. Released unit.
- Recovered some load oil. Well failed to pump.

(Continued on next page)

Witnessed by S. B. Carlson	Position Field Supt.	Company Humble Oil & Refining Co.
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 3414	T D 3730	P B T D 3722	Producing Interval 3682-02, 3712-22	Completion Date 10-6-60
Tubing Diameter Tubingless	Tubing Depth -	Oil String Diameter 2-7/8"	Oil String Depth 3728	
Perforated Interval(s) 3682-02, 3712-22				
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	7-12-63	12	47	1	3917	-
After Workover	10-31-63	12	37	-	3083	-

OIL CONSERVATION COMMISSION

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

Approved by 	Name COPY ORIGINAL SIGNED: E. S. DAVIS
Title	Position Agent
Date NOV 22 1963	Company Humble Oil & Refining Company