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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 Gulf Oil Corporation				Address Box 670, Hobbs, New Mexico			
Lease West Pearl Queen Unit	Well No. 33-20	Unit Letter B	Section 33	Township 19-3	Range 35-E		
Date Work Performed 11-9 to 24, 1964	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

Drilled deeper, acidized and frac treated

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

4981' TD.

Drilled deeper with 3-3/4" bit to 4981'. Set 22' Cardinal select liner across perfs 4881' to 4885' and 12' Cardinal select liner across perfs 4737' to 4741'. Loaded hole with water and treated open hole 4933' to 4981' with 5000 gallons galled water and sand as follows: 2000 gallons spearhead, 2000 gallons with 2# 20-40 SPG and 1000 gallons with 2# 10-20 SPG. Flushed with 80 barrels of water. AIR 18 bpm. Treating press 2800 to 2650#. ISIP 1750#, after 10 minutes 1100#. Ran sand pump and cleaned out to 4981' TD. Ran tubing, FB packer and 1 joint open ended tail pipe. Set packer at 4908'. Loaded tubing with 588 gallons acid and let set 1-1/2 hour. Treated open hole interval 4933' to 4981' with 2000 gallons reactrol chemically retarded acid containing fluid loss additive, friction reducing additive, demulsifying agent and corrosion inhibitor. Pumped 588 gallons in formation and acid communicated. Flushed with 19 BW. Treating press 3900 to 2400#. AIR 5.3 bpm Before communication, 9.5 bpm after communication. Raised packer and reset at 3978'. Pumped 15 BW down tubing to flush acid into formation. Palled tubing and packer. Ran tubing, rods and pump and returned well to production.

Witnessed by R. W. Sands	Position Production Foreman	Company Gulf Oil Corporation
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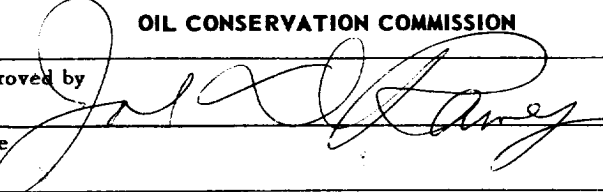
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 3716	T D 4933	P BTD 4900	Producing Interval 4737 - 4885	Completion Date 3-1-59
Tubing Diameter 2-3/8"	Tubing Depth 4854	Oil String Diameter 4-1/2"	Oil String Depth 4933	
Perforated Interval(s) 4737 - 4885				
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	11-8-64	8	---	0		
After Workover	11-24-64	33	---	16		

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name ORIGINAL SIGNED BY L. A. TURNER	Position Area Petroleum Engineer	
Title Area Petroleum Engineer	Company Gulf Oil Corporation		
Date 11-24-64			