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NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Gulf Oil Corporation Box 2167 - Hobbs, New Mexico  
(Address)

LEASE A. L. Christmas "A" WELL NO. 4 UNIT G S 27 T 22-S R 36-E  
DATE WORK PERFORMED 10-31 thru 12-16-57 POOL South Eunice

This is a Report of: (Check appropriate block)  Results of Test of Casing Shut-off  
 Beginning Drilling Operations  Remedial Work  
 Plugging  Other Perforate & Fracture Treat

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

- Perforate, Fracture Treated and Installed permanent pumping equipment as follows:**
1. Loaded hole with 83 barrels inverted oil emulsion mud; pulled tubing.
  2. Ran Gamma Ray-Neutron survey to check perforations; perforated 5-1/2" casing 3685-3689', 3694-3700', 3704-3714'.
  3. Ran and set tubing at 3690'. Pumped 90 perforation ball sealers in 25 barrels oil.
  4. Fracture Treated with 25,000 gallons refined oil with 1# sand per gallon in 5 equal stages through perforations 3685-3816'. Pumped 90 perforation ball sealers in 10 barrels oil and flushed with 90 barrels oil, the first four stages. Flushed last stage with 135 barrels oil. Treating pressure 3100-2100#.
  5. Lowered tubing to 3616'. Stabbed and tested, well dead.
  6. Installed permanent pumping equipment with electric motor.
  7. Pumped on test, returned well to production.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3511 TD 3825' PBD 3820' Prod. Int. 3732-3816' Compl Date 7-30-56  
Tbng. Dia 2-3/8" Tbng Depth 3815 Oil String Dia 5-1/2" Oil String Depth 3825'  
Perf Interval (s) 3816-3798', 3790-3786', 3775-3770', 3760-3750', 3741-3732'.  
Open Hole Interval - Producing Formation (s) Line

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>10-4-56</u>	<u>12-15-57</u>
Oil Production, bbls. per day	<u>46</u>	<u>88</u>
Gas Production, Mcf per day	<u>97.2</u>	<u>109</u>
Water Production, bbls. per day	<u>11</u>	<u>130</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>2113</u>	<u>1241</u>
Gas Well Potential, Mcf per day		
Witnessed by <u>C. C. Brown</u>	<u>Gulf Oil Corporation</u> (Company)	

OIL CONSERVATION COMMISSION

Name [Signature]  
Title \_\_\_\_\_  
Date \_\_\_\_\_

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Name [Signature]  
Position Area Supt. of Production  
Company Gulf Oil Corporation

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