

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 R. R. Bell "F" WELL NO. 5 UNIT M S 36 T 20-S R 36-E

DATE WORK PERFORMED 2-10-57 thru 3-2-58 POOL Wamsutter

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☒ Remedial Work  
☐ Plugging ☒ Other Plugged Back, Fracture Treated and Repaired 5-1/2" Casing Leak

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

**Plugged Back and Fracture Treated as follows:**

Pulled Rods and Tubing. Cleaned out 3817-3852'. Plugged Back to 3825' with 25 gallons Hydramite in 2umps. Ran 2-7/8" Tubing with Lynes Packer. Flooded with 16,000 gallons refined oil with 1/2" Sand Per Gallon thru open hole formation 3724-3825' in 2 stages. Flushed with 92 bbls oil. Treating Pressure 6000-4800#. Pulled Tubing and Packer. Ran 122 Joints 2-3/8" Tubing and flowed well on test.

Killed well with 190 BSW. Pulled tubing. Plugged back with free sand to 3770', hydramite to 3762', free sand to 3732'. Plugged Back to 3714' with Hydramite. Squeezed interval 3702-3717' with 106 sacks Incer cement. Ran tubing and packer and located 5-1/2" Casing leak at 2800'. Set cement retained at 2149'. Cemented with 1491 sacks cement. Ran Tubing with 4-3/4" bit. Drilled retainer and cement to 3818'. Ran Tubing, Rods and Pump and returned well to production.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3452' TD 3852' PBD --- Prod. Int. 3800-3852' Compl Date 2-7-57  
Tbng. Dia 2-3/8" Tbng Depth 3844' Oil String Dia 5-1/2" Oil String Depth 3702'  
Perf Interval (s) ---

Open Hole Interval 3702-3852' Producing Formation (s) Upper San Andres

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>7-15-57</u>	<u>3-2-58</u>
Oil Production, bbls. per day	<u>21</u>	<u>22</u>
Gas Production, Mcf per day	<u>88</u>	<u>292</u>
Water Production, bbls. per day	<u>0</u>	<u>30</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>4190</u>	<u>12,695</u>

Witnessed by P. G. Crawford Gulf Oil Corporation  
(Company)

OIL CONSERVATION COMMISSION

Name E. J. Fisher  
Title ---  
Date ---

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

Name E. J. Fisher  
Position Area Supt. of Production  
Company Gulf Oil Corporation