

DUPLICATE

Form C-103
(Revised 3-55)

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 H. T. Mattern "F" WELL NO. 1 UNIT B S 1 T 22-S R 36-E
DATE WORK PERFORMED 4-7-56 7-9-56 POOL Arrowhead

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☒ Remedial Work
☐ Plugging ☒ Other Plugged Back and Fracture Treated

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

Plugged back and fracture treated as follows:

1. Pulled tubing and packer. Ran Gamma Ray Neutron. Ran steel line measurement, found cavings at 3794'. Cleaned out from 3794-3805' with sand pump.
2. Plugged back to 3786' with 24 gallons Hydromite. Ran 2-7/8" tubing with hookwall packer at 3663' and hydraulic holddown at 3660'. Treated open hole formation from 3705-3786' with 10,000 gallons Viscoflex with 1# sand per gallon. Injection rate 13.4 bbls per minute. Pulled 2-7/8" tubing, packer and holddown. Ran 2-3/8" tubing at 3756'. Swabbed and well kicked off.
3. Killed well. Pulled 2-3/8" tubing. Ran steel line measurement and found cavings at 3757'. Cleaned out from 3757'-3786' with sand pump. Ran 2-3/8" tubing with formation packer at 3758'. Swabbed and well kicked off.
4. Pulled tubing and packer. Ran 2-3/8" tubing at 3776' and returned well to production.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3508' TD 3805' PBD - Pred. Int. 3650-3805' Compl Date 12-9-38
Tbng. Dia 2-3/8" Tbng Depth 3778' Oil String Dia 6" Oil String Depth 3705'
Perf Interval (s) _____
Open Hole Interval 3705-3805' Producing Formation (s) Eunice Dolomite

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>12-8-55</u>	<u>7-9-56</u>
Oil Production, bbls. per day	<u>7</u>	<u>24</u>
Gas Production, Mcf per day	<u>163.3</u>	<u>443.9</u>
Water Production, bbls. per day	<u>2</u>	<u>3</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>23.329</u>	<u>18.496</u>
Gas Well Potential, Mcf per day		
Witnessed by <u>C. C. Brown</u>		

Gulf Oil Corporation
(Company)

OIL CONSERVATION COMMISSION

Name C. H. J. J. J.
Title _____
Date _____

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

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