

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 Harry Leonard "F" WELL NO. 13 UNIT B S2 T 21-S R 37-E

DATE WORK PERFORMED 12-13-56 7-17-57 POOL Terry Blinberry

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☒ Remedial Work

☐ Plugging

☒ Other PB, perforated, fracture treated

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

SEE ATTACHED SHEET

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3511' TD 5995' PBD - Prod. Int. 5897-5995' Compl Date 8-28-54

Tbng. Dia 2-3/8" Tbng Depth 5979' Oil String Dia 5-1/2" Oil String Depth 5879'

Perf Interval (s) _____

Open Hole Interval 5879-5995' Producing Formation (s) Lime

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>Stdg.</u>	<u>7-17-57</u>
Oil Production, bbls. per day	_____	<u>19</u>
Gas Production, Mcf per day	_____	<u>587</u>
Water Production, bbls. per day	_____	<u>4</u>
Gas-Oil Ratio, cu. ft. per bbl.	_____	<u>30895</u>
Gas Well Potential, Mcf per day	_____	_____
Witnessed by <u>F. C. Crawford</u>	Gulf Oil Corporation (Company)	

OIL CONSERVATION COMMISSION

Name E. Fischer
Title _____
Date _____

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

Name S. J. [Signature]
Position Area Supt. of Prod.
Company Gulf Oil Corporation

Plugged back, perforated and fracture treated as follows:

1. Pulled rods and pump. Treated open hole formation from 5879-5995' with 20,000 gallons refined oil with 1# sand per gallon.
2. Pulled 2-3/8" tubing, ran caliper. Ran 2-3/8" tubing with packer at 5892'. Swabbed and well kicked off.
3. Pulled tubing and packer. Plugged back to 5898 with 1700# Ottawa sand, plugged back to 5893' with 8 gallons Hydromite. Ran tubing with cement retainer at 5735'. Pumped 25 sacks cement, went in on vacuum, pumped 50 sacks cement.
4. Ran tubing and bit, drilled cement and retainer from 5735-5892'. Pulled tubing and bit. Ran 190 joints 2-3/8" tubing at 5868'. Swabbed dry.
5. Pulled tubing, reran tubing with bit and drilled Hydromite at 5893', cement at 5920', cleaned out to 5995'. Pulled tubing and bit. Ran 194 joints 2-3/8" tubing set at 5980'. Swabbed and well kicked off.
6. Pulled tubing. Plugged back to 5965' with 34 gallons Hydromite in 4 dumps. Perforated open hole from 5898-5926' with 1, 1/2" jet hole per foot. Ran 192 joints 2-3/8" tubing at 5926'. Spotted 500 gallons mud acid and squeezed into formation. Treated open hole formation from 5879-5965' with 15,000 gallons refined oil with 1# sand per gallon. Swabbed and well kicked off.
7. Pulled tubing. Set bridge plug at 5894'. Plugged back to 5871' with 92 gallons Hydromite. Perforated 5-1/2" casing with 4, 1/2" jet holes at 5800'. Set cement retainer at 5740'. Squeezed perforations at 5800' with 64 sacks cement. Maximum Pressure 5000#.
8. Ran tubing and bit, drilled cement to 5871'. Tested casing with 400#, OK. Pulled tubing and bit. Perforated 5-1/2" casing from 5825-5871' with 4, 1/2" jet holes per foot. Ran 192 joints 2-3/8" tubing set at 5860'. Swabbed dry.
9. Treated formation with 500 gallons mud acid. Swabbed and well kicked off. Treated formation thru perforations in 5-1/2" casing from 5825-5870' with 10,000 gallons refined oil with 1# sand per gallon. Swabbed and well kicked off.
10. Pulled tubing, reran tubing with rods and pump and returned well to production.

[illegible]