

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 Arnett Ramsay "D" WELL NO. 2 UNIT A S33 T 21-S R 36-E

DATE WORK PERFORMED 10-5-56 12-12-56 POOL Bumont

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

☐ Beginning Drilling Operations

☒ Remedial Work

☐ Plugging

☒ Other Squeeze cemented and fracture treated

Detailed account of work done, nature and quantity of materials used and results obtained.
Squeeze cemented and fracture treated as follows:

1. Pulled tubing and flow valves. Ran steel line measurement, found cavings at 3824'. Ran tubing with 4-1/4" bit and cleaned out to 3857'. Pulled tubing and bit.
2. Ran Gamma Ray neutron survey. Ran 2-7/8" tubing with HRC tool and tested casing at various depths, OK. Pulled tubing and HRC tool.
3. Ran 2-3/8" tubing with squeeze packer at 3840'. Squeeze cemented from 3840-3885' with 250 sacks cement. Pulled tubing. WOC.
4. Ran 2-7/8" tubing with packer at 3792'. Swabbed dry. Spotted 500 gallons mud acid from 3792-3838 and squeezed in formation. Swabbed dry. Treated formation from 3792-3838' with 6000 gallons gelled lease oil with 1# sand per gallon. Injection rate 13.1 bbls per minute. Pulled tubing and packer.
5. Ran 122 joints 2-3/8" tubing at 3815'. Swabbed and well kicked off.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3601' TD 3885' PBD - Prod. Int. 3855-3885' Compl Date 12-8-38

Tbng. Dia 2-3/8" Tbng Depth 3880' Oil String Dia 5-1/2" Oil String Depth 3773'

Perf Interval (s) -

Open Hole Interval 3773-3885' Producing Formation (s) Dolomite

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>6-26-56</u>	<u>12-12-56</u>
Oil Production, bbls. per day	<u>6</u>	<u>6</u>
Gas Production, Mcf per day	<u>237.1</u>	<u>285.2</u>
Water Production, bbls. per day	<u>576</u>	<u>0</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>39517</u>	<u>47533</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>
Witnessed by <u>C. C. Brown</u>	Gulf Oil Corporation (Company)	

OIL CONSERVATION COMMISSION

Name E. J. Fischer
Title Asst. Dir.
Date DEC 17 1956

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

Name Jim Russell
Position Asst. Area Supt. of Prod.
Company Gulf Oil Corporation