

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS 3:20

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

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

LEASE H. T. Orant "D" WELL NO. 1 UNIT B S 13 T 20-S R 36-E
DATE WORK PERFORMED 6-7-56 7-2-56 POOL Momment

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 acid treated

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

Squeeze cemented and acid treated as follows:

1. Pulled tubing, rods and pump. Ran 2-3/8" tubing with bridge plug at 3756' and parent packer at 3695'. Swabbed and well kicked off.
2. Pulled tubing, bridge plug and parent packer. Ran 5-1/2" DM bridge plug on wire line at 3748'. Dumped 1 sack cement on plug. Set Baker Model K DM cement retainer on wire line at 3650'.
3. Ran 2-3/8" tubing. Squeezed perforations in 5-1/2" casing from 3669-3733' with 121 sacks cement. Pulled tubing. WOC.
4. Ran 2-3/8" tubing with 4-3/4" bit and drilled cement retainer at 3650'. Tested perforations in 5-1/2" casing with 500# for 30 minutes. No drop in pressure. Drilled bridge plug to 3748'. Pulled tubing and bit.
5. Ran 2-3/8" tubing with 5-1/2" packer at 3750' and hydraulic holddown at 3748'. Swabbed dry.
6. Treated formation from 3770-3810' with 1000 gallons 15% NE acid. Injection rate 78 gallons per minute. Ran rods and pump and returned well to production.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3556' TD 3876' PBD - Prod. Int. 3777-3876' Compl Date 4-4-37
Tbng. Dia 2-3/8" Tbng Depth 3867' Oil String Dia 5-1/2" Oil String Depth 3770'
Perf Interval (s) _____
Open Hole Interval 3770-3876' Producing Formation (s) Upper San Andres

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>7-13-55</u>	<u>7-2-56</u>
Oil Production, bbls. per day	<u>19</u>	<u>31</u>
Gas Production, Mcf per day	<u>660.9</u>	<u>36.99</u>
Water Production, bbls. per day	<u>0</u>	<u>0</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>34,784</u>	<u>1192</u>
Gas Well Potential, Mcf per day		
Witnessed by <u>E. C. Crawford</u>	Gulf Oil Corporation (Company)	

OIL CONSERVATION COMMISSION

Name R. F. Montgomery
Title PRORATION MANAGER
Date JUL 9 1956

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

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