

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 Hugh WELL NO. 4 UNIT A S 14 T 22-S R 37-E

DATE WORK PERFORMED 1-12-56 2-23-56 POOL Drinkard

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☒ Other Dual Completion

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. 3347' TD 6540' PBD - Prod. Int. 6400-6540' Compl Date 2-14-48

Tbng. Dia 2-3/8" Tbng Depth 6535' Oil String Dia 7" Oil String Depth 6397'

Perf Interval (s)

Open Hole Interval 6397-6540' Producing Formation (s) Vivian

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>3-28-55</u>	<u>2-23-56</u>
Oil Production, bbls. per day	<u>30</u>	<u>38</u>
Gas Production, Mcf per day	<u>585.2</u>	<u>753.3</u>
Water Production, bbls. per day	<u>7</u>	<u>2</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>19,507</u>	<u>19,823</u>
Gas Well Potential, Mcf per day	<u></u>	<u></u>
Witnessed by <u>C. C. Brown</u>	Tubg Gas <u>-</u>	<u>5,600</u> Est. Open Flow
	<u>Gulf Oil Corporation</u>	(Company)

OIL CONSERVATION COMMISSION

Name C. W. Keady  
Title   
Date 1-27-56

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

Dually Completed as Drinkard Oil and Tubb Gas as follows:

1. Pulled 2-3/8" tubing.
2. Ran 2-7/8" tubing with Lynes packer at 6433'.
3. Treated open hole formation from 6433-6540' with 6000 gallons acid frac with 1# sand per gallon. Injection rate 8 bbls per minute. Pulled 2-7/8" tubing and packer. Ran steel line measurement and found cavings at 6420'. Cleaned out from 6420-6426' with sand pump. Ran 200 joints 2-3/8" tubing set at 6417'. Swabbed dry.
4. Pulled 2-3/8" tubing and reran with 4-1/4" drill collar and 6-1/8" bit. Cleaned out from 6396-6540'.
5. Pulled tubing, drill collar and bit. Ran 204 joints 2-3/8" tubing with 7" Sweet Hookwall packer at 6351'. Swabbed and well kicked off.
6. Killed well. Pulled 2-3/8" tubing and packer. Ran steel line measurement to 6435'. Set 7" Baker production packer on wire line at 6350'. Ran 2-3/8" tubing with GOT circulating valve in closed position at 6479' and GOT circulating valve in open position at 6307'. Tested 7" casing and packer with 2500# for 30 minutes. No drop in pressure. Unlatched from packer. Pulled tubing.
7. Perforated 7" casing from 6035-6075', 6100-6120' and 6130-6140' with 2, 1/2" jet holes per foot. Ran 192 joints 2-3/8" tubing with parent packer at 6088' and bridge plug at 6155'. Swabbed dry. Treated formation thru perforations in 7" casing from 6100-6140' with 3000 gallons 15% acid. Injection rate 6 bbls per minute. Swabbed and well kicked off.
8. Killed well. Set parent packer at 6000' and bridge plug at 6080'. Treated formation thru perforations in 7" casing from 6035-6075' with 4000 gallons 15% acid. Injection rate 6 bbls per minute. Swabbed and well kicked off.
9. Pulled tubing, parent packer and bridge plug. Ran 2-3/8" tubing with GOT circulating valve in closed position at 6479' and GOT circulating valve in open position at 6307'. Swabbed and well kicked off.
10. Flowed at a rate of 3,970 MCF gas with 600# back pressure. (Tubb Gas).
11. Drinkard Oil flowed thru 2-3/8" tubing and Tubb Gas flowed thru 7" casing.