

DEPARTMENT OF  
MINE AND  
GEOLOGICAL  
SURVEY

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, N. M.  
(Address)

LEASE Watkins WELL NO. 1 UNIT 0 S 29 T 22-S R 38-E

DATE WORK PERFORMED 8-30 thru 12-14-55 POOL Drinkard Oil & Tubb Gas

This is a Report of: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Results of Test of Casing Shut-off
<input type="checkbox"/> Plugging	<input checked="" type="checkbox"/> Remedial Work
	<input checked="" type="checkbox"/> Other <u>Dual Completion</u>

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

SEE ATTACHED SHEET

DC-231

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:  
 DF Elev. 3393' TD 7000' PBD - Prod. Int. 6910-7000' Compl Date 8-15-45  
 Tbng. Dia 2-3/8" Tbng Depth 6984' Oil String Dia 7" Oil String Depth 6901'  
 Perf Interval (s) -  
 Open Hole Interval 6901-7000' Producing Formation (s) Andrews

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>12-6-55</u>	<u>None Taken</u>
Oil Production, bbls. per day	<u>12</u>	<u>-</u>
Gas Production, Mcf per day	<u>27.9</u>	<u>-</u>
Water Production, bbls. per day	<u>Trace</u>	<u>-</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>2,325</u>	<u>-</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>1,190 Est. Open Flow</u>
Witnessed by <u>C. C. Brown</u>	<u>Gulf Oil Corporation</u>	(Company)

OIL CONSERVATION COMMISSION  
 Name [Signature]  
 Title District Office  
 Date DEC 22 1955

I hereby certify that the information given above is true and complete to the best of my knowledge.  
 Name [Signature]  
 Position Asst. Area Supt. of Prod.  
 Company Gulf Oil Corporation

Attachment - C103

Gulf Oil Corporation - Watkins No. 1-0, 29-22-38

Dually completed as an Oil-Gas well in the Drinkard Oil and the Tubb Gas Pools as follows:

1. Pulled tubing and flow valves.
2. Ran 7" Baker Model D #87 production packer on wire line set at 6850'. Ran 2-3/8" tubing with bottom end bull plugged set at 6982', one GOT circulating valve at 6948'. Latched into packer and released seal nipples. Tested 7" casing and packer with 2500# for 30 minutes. No drop in pressure. Pulled tubing above packer.
3. Perforate 7" casing from 6020-6060', 6080-6130', 6165-6290' with 2, 1/2" Jet Holes per foot. Reran 2-3/8" tubing and latched into packer. One GOT circulating valve at 6816'.
4. Treated perforations from 6020-6290' with 15,000 gallons 15% NE acid. Average injection rate 13.2 bbls per minute. Swabbed; well would not flow.
5. Pulled tubing above packer. Reran with Baker retrievable bridge plug set at 6325', parent packer at 6147'. Tested with 2000# for 30 minutes. No drop in pressure. Treated perforations in 7" casing from 6165-6290' with 10,000 gallons acidfrac with 1# sand per gallon. Injection rate 5.5 bbls per minute. Reset retrievable bridge plug at 6150', parent packer 5975'. Treated perforations in 7" casing from 6020-6130' with 7500 gallons acidfrac with 1# sand per gallon. Injection rate 5.5 bbls per minute. Reset bridge plug at 6311', parent packer at 5975'. Swabbed and well kicked off.
6. Pulled tubing, bridge plug and parent packer. Reran 2-3/8" tubing and latched into packer at 6850'. Circulating valve at 6819'. Gas flowed at rate of 1,148 MCF with 355# back pressure (Tubb Gas Pay). No test taken on Drinkard Oil Pay.