

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New MexicoRECEIVED
HOBBS OFFICE OCC
JUN 7 1954

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work has been completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, results of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) Dual Completion	X

May 28, 1954
(Date)Hobbs, New Mexico
(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation
(Company or Operator)Mark Owen
(Lease)D A and S Oilwell Servicing, Inc.
(Contractor)

Well No. 5 in the SE 1/4 SE 1/4 of Sec. 34

T. 21-S, R. 37-E, NMPM, Drinkard Oil & Tubb Gas Pool, Lea County.

The Dates of this work were as follows: April 12 thru May 20, 1954

Notice of intention to do the work (was) (~~report~~) submitted on Form C-102 on March 31, 1954, 19
(Cross out incorrect words)and approval of the proposed plan (was) (~~report~~) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

SEE ATTACHED SHEET

DC-81

Witnessed by C. C. Brown (Name) Gulf Oil Corporation (Company) Field Foreman (Title)

Approved: OIL CONSERVATION COMMISSION

S. G. Stanley
(Name)

(Title)

(Date)

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

Name: E. J. Taylor

Position: Area Prod. Supt.

Representing: Gulf Oil Corporation

Address: Box 2167, Hobbs, New Mexico

May 28, 1954

Attachment - C-103
Mark Owen No. 5 - Dual Completion

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

1. Perforated 7" casing from 6465-6430' with 4, 1/2" Jet Holes per foot. Ran 2-3/8" tubing with Sweet hookwall packer set at 6470'. Sweet anchor packer at 6422'. Swabbed 16 bbls load oil 2 hours. Well swabbed dry.
2. Acidized perforations in 7" casing from 6465-6430' with 1000 gallons 15% LT NE acid. Swabbed 25 bbls load oil, 24 bbls acid water 4 hours. Well kicked off. Flowed 107 bbls oil, no water 24 hours.
3. Pulled tubing and straddle packers. Ran 7" Baker production packer on wire line set at 6374'. Ran 209 Jts 2-3/8" tubing set at 6475'. Circulating valve set at 6441'. Baker Multi V nipple at 6375'. Circulating valve at 6333'. Released tubing above packer. Tested casing with 1000# for 30 minutes. There was no drop in pressure. Pulled tubing above packer.
4. Perforated 7" casing from 6205-6090' and from 6050-5980' with 4, 1/2" Jet Holes per foot. Reran tubing with Sweet hookwall packer set at 6214'. Swabbed 15 bbls load salt water 4-1/2 hours. Light show gas.
5. Acidized perforations in 7" casing from 6205-6090' with 4000 gallons 15% LT NE acid. Swabbed 50 bbls load salt water and acid residue 3 hours. Well kicked off. Blew well to air to clean up.
6. Raised tubing and packers 143'. Acidized perforations in 7" casing from 6050-5980' with 3000 gallons 15% LT NE acid. Swabbed 40 bbls load salt water and acid residue 4 hours. Well kicked off.
7. Acidized perforations in 7" casing from 6050-5980' with 6000 gallons 15% LT NE acid. Swabbed 15 bbls load salt water 1 hour. Well kicked off, Gas tested 4,487,000 cu ft at 385# back pressure.
8. Pulled tubing and straddle packer. Reran 206 Jts 2-3/8" tubing and circulating valve at 6333'. Latched into Baker packer at 6374'.
9. Swabbed 175 bbls load salt water 12 hours.
10. Opened lower circulating valve and closed upper circulating valve.
11. As a result of 4" orifice well test, flowed at maximum rate of 2,700,000 cu ft gas per 24 hours at back pressure of 585# thru casing annulus (Tubb Gas Pay).
12. Flowed 24 bbls oil, 1 bbl water 24 hours thru 2-3/8" tubing 18/64" choke (Drinkard Oil Pay).