

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result 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 Plug Back, (Other) Perforate, Acid, Dual Complete	X

January 28, 1955

(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)

Hugh

(Lease)

Bateman & Whitsett

(Contractor)

, Well No. 7 in the NE 1/4 NW 1/4 of Sec. 14

T. 22-S, R. 37-E, NMPM, Tubb and Blinbry Gas Pool, Lea County.

The Dates of this work were as follows: October 25 thru January 26, 1955

Notice of intention to do the work (was) ~~checked~~ submitted on Form C-102 on October 25, 1955

(Cross out incorrect words)

and approval of the proposed plan (was) ~~checked~~ obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

SEE A TTACHED SHEET

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

Approved: OIL CONSERVATION COMMISSION

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

Name: J. L. Taylor

Position: Area Supt. of Prod.

Representing: Gulf Oil Corporation

Address: Box 2167, Hobbs, N. M.

(Title)

(Date)

Attachment - C-103

Gulf Oil Corporation - Hugh No. 7-C, 14-22S-37E

Plugged back, perforated 7" casing Acid and frac treated to dual complete as Gas-Gas well in the Tubb and Blinbry Gas Zones as follows:

1. Pulled tubing, holddown and packer.
2. Ran 7" Baker Model N cast iron bridge plug set at 6300'. Dumped 2 sacks cement on top of plug. Pressured bridge plug with 1000#. No drop in pressure.
3. Perforated 7" casing from 6115-5970' with 4, 1/2" Jet Holes per foot.
4. Swabbed well.
5. Acid frac treated perforations in 7" casing from 5970-6115' with 4000 gallons 15% Gel acid with 1# sand per gallon. Inj rate 116 gpm.
6. Swabbed and well kicked off. Cleaned up. Gas tested 715,000 cu ft thru 2-3/8" tubing with 50# back pressure.
7. Acid treated perforations in 7" casing from 5970-6115' with 6000 gallons 15% NE acid. Inj rate 6.9 bbls per minute.
8. Well kicked off. Flowed 1,520,000 cu ft.
9. Perforated 7" casing from 5560-5505' and 5475-5400' with 4, 1/2" JHpf.
10. Set packer at 5490'. Swabbed and well kicked off. Gas volume 38,800 cu ft thru 2-3/8" tubing with 20# back pressure.
11. Treated perforations in 7" casing from 5505-5560' with 4000 gallons 15% LT NE acid. Inj rate 200 gpm.
12. Swabbed and well kicked off. Gas volume 1,160,000 cu ft thru tubing with 100# Back pressure.
13. Set packers at 5492' and 5390'. Swabbed and well kicked off. Gas volume 741,000 cu ft.
14. Treated perforations in 7" casing from 5400-5475' with 4000 gallons 15% LT NE acid. Inj rate 113 gpm.
15. Swabbed and well kicked off. Gas volume 2,630,000 cu ft with 600# back pressure.
16. Treated perforations in 7" casing from 5400-5475' with 6000 gallons acid frac, 1# sand per gallon. Inj rate 176 gpm.
17. Swabbed and well kicked off. Gas volume 5,527,000 cu ft with 600# back pressure.
18. Treated perforations in 7" casing from 5400-5475' and 5505-5560' with 4000 gallons distillate with 1% Atpet #931. Inj rate 2 bbls per minute.
19. Well kicked off. Gas volume 3,320,000 cu ft with 225# back pressure.
20. Closed GOT circulating valve at 5759'. Opened GOT circulating valve at 6118'. Flowed at rate of 1,420,000 cu ft thru 2-3/8" tubing with 500# back pressure (Tubb Gas). Flowed at rate of 4,870,000 cu ft gas thru 7" - 2-3/8" annulus with 600# back pressure (Blinbry Gas).