

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

JAN 13 PM 3:33

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	X	REPORT ON REPAIRING WELL	X
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) Acidizing	X

January 12, 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)

W. D. Grimes (North)

(Lease)

Clarke Oil Well Servicing Co.

(Contractor)

Well No. 2 in the SE 1/4 SW 1/4 of Sec. 21

T. 18-S, R. 38-E, NMPM., Hobbs Pool, Lea County.

The Dates of this work were as follows: May 26, 1954 thru January 4, 1955

Notice of intention to do the work (was) ~~received~~ submitted on Form C-102 on April 26, 1954 and December 28, 1954

(Cross out incorrect words)

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

SEE ATTACHED SHEET

Witnessed by N. B. Jordan

(Name)

Gulf Oil Corporation

(Company)

Field Foreman

(Title)

Approved: OIL CONSERVATION COMMISSION

[Signature]

(Name)

(Title)

(Date)

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

Name

Position Area Supt. of Prod.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, N. M.

Attachment - C-103

Gulf Oil Corporation - W. D. Grimes (North) No. 2-N, 21-18S-38E

Repaired casing leak, ran 5-1/2" casing, perforated and acid treated as follows:

1. Pulled tubing.
2. Ran 7" Baker magnesium bridge plug set at 4091'.
3. Ran HRC tool. Found top hole at 425'. Found bottom hole at 1687'.
4. Set Howco DM retainer at 1550'. Pumped 250 sacks regular cement below retainer with 2000#. Waited 10 minutes, pumped 100 sacks cement at 1000#. Shut down and pressure dropped to 200# in 15 minutes.
5. Temperature survey could not find top of cement.
6. Ran HRC tool. Pumped below tool 4 bbls per minutes at 1000# at 854'.
7. Ran Howco DM retainer set at 814'. Pumped 250 sacks cement at 700#. Shut down and pressure dropped to 0#.
8. Ran tubing open ended to 806'. Spotted 66 sacks cement from 806' to 500'. Pumped 500 sacks cement down 7" casing. Circulated out 7" - 13-3/8" annulus approximately 60 sacks cement. Closed bradenhead and squeezed 434 sacks cement down 7" casing at 300#.
9. Waited on cement.
10. 7" casing would not hold pressure.
11. Drilled out cement, retainer, and bridge plug to 4225'.
12. Scraped 7" casing from 1031-4095'. Underreamed from 4109-4225'.
13. Ran 132 Jts (4211') 5-1/2" casing set and cemented at 4221' with 250 sacks 4% Gel cement. Circulated approximately 50 sacks cement.
14. Waited on cement.
15. Drilled cement plug from 4190-4210'.
16. Perforated 5-1/2" casing from 4176-4190' with 4, 1/2" Jet Holes per foot.
17. Acid treated perforations in 5-1/2" casing from 4176-4190' with 500 gallons MCA acid.
18. Ran rods and pump. Pumped 38 bbls oil, 56 bbls water 24 hours. Returned well to production.