

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 Repair of (Other) Casing Leak	X

November 24, 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)

B. V. Culp
(Lease)

Clarke Oilwell Servicing Co.
(Contractor)

, Well No. 5 in the SE 1/4 NE 1/4 of Sec. 19

T. 19-S, R. 37-E, NMPM, Monument Pool, Lea County.

The Dates of this work were as follows: November 9-21, 1954

Notice of intention to do the work (was) (~~SECRET~~) submitted on Form C-102 on November 3, 1954,
(Cross out incorrect words)

and approval of the proposed plan (was) (~~SECRET~~) 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

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

BY C. E. TAYLOR

Position Area Supt. of Prod.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, N. M.

(Title)

(Date)

Attachment - C-103

Gulf Oil Corporation - B. V. Culp No. 5-H, 19-198-378

Repaired 5-1/2" casing leak as follows:

1. Pulled tubing.
2. Ran 5-1/2" Baker Model M magnesium bridge plug on wire line set at 3775'.
3. Ran HRC tool. Found top hole between 1735' and 1776' and bottom hole between 2059' and 2090'.
4. Ran 5-1/2" Newco DM cement retainer set at 1741'.
5. Pumped 540 sacks 4% Gal cement below retainer and out 7-5/8" bradenhead. Circulated estimated 25 sacks cement.
6. Pressured 10-3/4" casing with 200# for 15 minutes. No drop in pressure.
7. Waited on cement.
8. Pressured 5-1/2" casing with 500# for 30 minutes. No drop in pressure. ~~Knockdown cement~~ Pressured 7-5/8" casing with 300# for 30 minutes. No drop in pressure. Ran bit to top cement at 1705'. Drilled cement and retainer from 1705' to 2005'. Pressured 5-1/2" casing at 1850' and at 1950' with 500# for 30 minutes. No drop in pressure. Pressured 5-1/2" casing at 2090'. Pumped 40 bbls water in formation in 15 minutes at 400#.
9. Ran 5-1/2" DM cement retainer set at 2008'.
10. Pumped 186 sacks Neat cement below retainer. Then pumped 75 sacks Neat in 3 stages. Let cement set 15 minutes on each stage. Squeezed with 700#. Reversed out approximately 48 sacks cement.
11. Waited on cement.
12. Ran bit to top cement at 1998'. Pressured 5-1/2" casing with 500# for 30 minutes. No drop in pressure. Drilled to 2162'. Pressured 5-1/2" casing at 2050' with 500# for 30 minutes. No drop in pressure. Pressured 5-1/2" casing at 2162' with 500# for 30 minutes. No drop. Drilled out cement and bridge plug from 3765' to 4000'.
13. Returned well to production.