

## 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 <b>Plug Back, Acid &amp; Frac Treat</b> | <b>X</b> |

February 1, 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)

H. T. Mattern

(Lease)

Bateman &amp; Whitgitt

(Contractor)

Well No. 1 in the SW 1/4 SE 1/4 of Sec. 24

T. 21-S, R. 36-E, NMPM, Arrow Gas Pool, Lea County.

The Dates of this work were as follows: April 26, 1954 thru January 27, 1955

Notice of intention to do the work (was) (~~shown~~) submitted on Form C-102 on April 12, 15, Dec. 29, 1954 & Jan. 14, 1955, (Cross out incorrect words)and approval of the proposed plan (was) (~~shown~~) obtained.

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Due to the inability to sidetrack the two cable tool bits left in the hole on the original completion, could not run liner or test Grayburg. Details of the work are as follows:

1. Pulled tubing. Ran SIM. Stopped at 3581'.
2. Ran bit on tubing. Drilled to 3611'. Would go no farther.
3. Ran 2-7/8" tubing open ended to 3600'. Spotted 60 sack cement plug to 3573'. After waiting on cement, drilled out to 3584'.
4. Treated open hole formation from 3025-3584' with 1000 gallons mud acid. Inj rate 17 gpm. IP 500-1000#.
5. Shabbed and well kicked off. Gas volume 93,400 cu ft.
6. Treated open hole formation from 3025-3584' with 10,000 gallons Control frac, 1# sand per gallon. Inj rate 6.3 bpm. Pumped 3000 gallons Emulso-sol at 1700#. Flushed with 90 bbls oil.
7. Well kicked off. Flowed at rate of 4,870,000 cu ft thru 10-3/4" casing at back pressure of 440#. (Arrow Gas)

Witnessed by C. C. Brown

(Name)

Gulf Oil Corporation

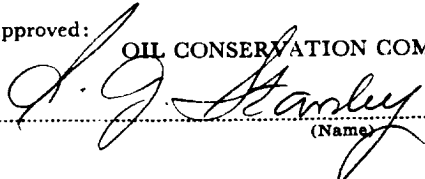
(Company)

Field Foreman

(Title)

Approved:

OIL CONSERVATION COMMISSION



(Name)

(Title)

(Date)

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

Name

Position

Representing

Address

Area Supt. of Prod.

Gulf Oil Corporation

Box 2167, Hobbs, N. M.

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