

# 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	<b>X</b>	REPORT ON (Other)	

March 5, 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)

H. T. Orcutt  
(Lease)

D. A. & S. Oilwell Service Inc.  
(Contractor)

Well No. 1 in the Center of Lot 8 of Sec. 5

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

The Dates of this work were as follows: Feb. 24 - Mar. 2, 1954

Notice of intention to do the work (was) ~~checked~~ submitted on Form 6-101 on Dec. 31, 1953.  
(Cross out incorrect words)

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

### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set Baker Model "K" cast iron bridge plug at 3710' and dumped one sack Portland regular cement on top of plug. Top of cement at 3702'. Perforated 5-1/2" casing from 3400-3399' with 8, 1/2" Jet Holes. Set Baker Model "K" magnesium cement retainer at 3389' and attempted to squeeze cement thru perforations at 3400-3399' with 3900#. Perforations would not take fluid. Cemented down 7-5/8" and 5-1/2" casing annulus with 250 sacks regular bulk cement. Temperature survey found cement from surface to 2900'. Drilled out retainer at 3389' and cleaned out to 3702'. Tested casing with 1200# for 30 minutes - no drop in pressure. Perforated 5-1/2" casing from 3700-3550' and 3530-3420' with 4, 1/2" Jet Holes per foot (Queen formation). Gas tested 993.3 MCF per 24 hours with 490# back pressure. Washed perforations from 3700-3550' and 3530-3420' with 500 gallons mud acid and injected an additional 500 gallons mud acid into formation. Gas tested 1,750.0 MCF per 24 hours with 560# back pressure. Schedule Allowable 1,375,000 cu ft per day estimated. 24 hour shut-in pressure - Tubing pressure 900#, casing pressure 980#.

Witnessed by F. C. Crawford  
(Name)

Gulf Oil Corporation  
(Company)

Field Foreman  
(Title)

Approved:

OIL CONSERVATION COMMISSION

J. G. Stanley  
(Name)

(Title)

(Date)

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

Name J. G. Stanley

Position Area Prod. Supt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, N. Mex.