

# NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, 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 REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	<b>XX</b>
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

February 12, 1952

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 D. W. Hardin Lease Well No. 1 in the  
SW SE of Sec. 18 T. 18S R. 38E, N. M. P. M.,  
Hobbs Pool Lea County.

The dates of this work were as follows: Completed February 1, 1952

Notice of intention to do the work was (was not) submitted on Form C-102 on October 1, 1951, and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

42 216  
- 256  
3975

Total Depth 4221'. On September 26, 1951, ran 7" Baker Model K drillable cement retainer. Set retainer at 3968'. Squeeze cemented liner with 80 sacks of regular sacked cement. On September 27 pumped 70 sacks neat cement into tubing plus 5 bbls water with 1900#. All cement displaced thru liner perforations on vacuum. Pumped 125 sacks slow set cement; staged cement from 5 minutes to a max. of 25 minutes per stage. Applied 4000# pressure to tubing for 5 minutes. No drop in pressure. Job complete at 4:15 P.M. 27th. On October 1, 1951, drilled cement from 3979' to 4145'. Tested cement and liner with 2000# pressure for 30 minutes. No drop in pressure. Perforated 5-1/2" liner with 4 JHPF from 4114'-4120'. PSTD 4175'. Tested well and produced water with only a show of oil.

On October 30, 1951, ran 5-1/2" Baker Model K drillable cement retainer set at 4080'. Stage cemented with 200 sacks regular cement. Tested cement with 1000# pressure for 30 minutes. There was no drop in pressure. (Con't on attaché sheet)

Witnessed by N. B. Jordan Gulf Oil Corporation Field Foreman  
Name Company Title

APPROVED:  
OIL CONSERVATION COMMISSION

Ray J. [Signature]  
Name Title

I hereby swear or affirm that the information given above is true and correct.

Name [Signature]  
Position Area Prod. Supt.

Representing Gulf Oil Corporation  
Company or Operator

Address Box 2167, Hobbs, New Mexico

Date 19

Attachment C-103  
Gulf Oil Corp.  
D. W. Hardin #1

with 1000# pressure for 30 minutes. There was no drop in pressure.  
Perforated 5-1/2" liner with 4 JHPF from 4152' to 4162'.

On November 7, 1951, acidized thru liner perforations (4152'-4162') with 500 gallons 15% NE acid by Chemical Process. TP 250-Vacuum. CP - Packer. Injection time 1 hour 3 minutes. Duration 1 hour 40 minutes. Average injection rate 8 GPM.

On January 10, 1952, perforated liner from 4138'-4144' with 4 JHPF by Lane Wells.

On February 1, 1952, taken production test and well flowed 13 oil, 407 water in 24 hours with outside gas.

