

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

December 3, 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)

Harry Leonard "A"

(Lease)

Penrod Drilling Company

(Contractor)

Well No. 17 in the NE 1/4 NW 1/4 of Sec. 33

T. 24-S, R. 38-E, NMPM, Dollarhide West Devonian Pool, Lea County.

The Dates of this work were as follows: November 24 - December 3, 1952

Notice of intention to do the work ~~was~~ (was not) submitted on Form C-102 on _____, 19____,
(Cross out incorrect words)

and approval of the proposed plan ~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

SEE ATTACHED SHEET

Witnessed by J. F. Combs Gulf Oil Corporation Drilling Foreman
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

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

Name *John J. [Signature]*

Position Area Prod. Supt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

(Title)

(Date)

Harry Leonard "A" #17

Ran 195 joints plus 15.84' piece, 7943.26' of 7" OD 8 RT 23 & 26# N-80 & J-55 R-3 SS casing. Set and cemented at 7958' w/100 sacks longhorn neat cement. Plug at 7873'. Maximum pressure 800#. Gulf temperature survey in 8 hours found top cement behind 7" casing at 7338'.

After waiting over 30 hours tested 7" casing w/1000# pressure for 30 min. There was no drop in pressure. Drilled cement plug from 7873' to 7958', tested cement below casing shoe w/300# pressure for 30 minutes. There was no drop in pressure.

Killed well w/water, unseated packer, displaced oil in hole w/water, pulled 2-3/8" OD tubing. Ran 7" Baker 3-B Model K D&M wire line bridge plug w/2 sacks quick set cement, plug set at 7350', ran 2-3/8" tubing open end to 7300' tested plug w/2000# pressure for 30 min. There was no drop in pressure. Displaced water w/mud, perforated 7" casing at 7288' w/2 1/2" bullet holes by HOWCO. Circulated 4 hrs w/500# pressure. Pulled tubing, went in hole w/2-3/8" tubing & 7" HOWCO DM squeeze cement retainer on tubing, set retainer at 7238'. Recemented 7" casing thru perforations at 7288' w/220 sacks cement, 170 sacks 4 1/2 Gel Trinity slow set & 50 sacks Regular Neat on bottom. Maximum pressure 750#. Backed off from retainer, left 10' cement above retainer. Pulled tubing to 7228' & backed washed 5 sacks cement. Gulf temperature survey in 8 hours found top cement at 5728' from Rotary bushing.

After waiting over 30 hours drilled cement & retainer from 7228' to 7288', washed to 7325', tested perforations in 7" casing at 7288' w/2000# pressure for 30 minutes. There was no drop in pressure. Washed to 7348', drilled cement & retainer at 7350'. Cleaned out to 8184'.

After approval of Mr. Yarbrough, State Oil and Gas Inspector, preparations were made to complete well.

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