

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

MISCELLANEOUS REPORTS ON WELLS

1954 MAR 31 PM 3:38

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 (Other) Dually Complete	X

March 31, 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)

Harry Leonard "E"
(Lease)

Clarke Oil Well Servicing Company
(Contractor)

Well No. 4 in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 16

T. 21-S, R. 37-E, NMPM., Tubb Gas and Blinberry Gas Pool, Lea County.

The Dates of this work were as follows: March 15-29, 1954

Notice of intention to do the work (was) (~~vacant~~) submitted on Form C-102 on March 8, 1954,
(Cross out incorrect words)

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

SEE ATTACHED SHEET

Witnessed by F. C. Crawford
(Name)

Gulf Oil Corporation
(Company)

Field Foreman
(Title)

Approved: S. G. Stanley
OIL CONSERVATION COMMISSION
(Name)

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

Name E. F. Jay

Position Area Prod. Cupt.

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Harry Leonard "E" #4

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Pulled all tubing. Ran junk pusher to 6370'. Ran 7" bridge plug set at 6350'. Dumped 2 sacks regular cement on top of bridge plug. Top cement 6340'. Loaded hole with 105 bbls salt water. Tested 7" casing with 1000 psi for 30 minutes. No drop in pressure.

Perforated 7" casing from 6290-6185' with 4, 1/2" Jet Holes per foot, Tubb Gas Zone.

Perforated 7" casing from 5720-5660' and 5640-5585' with 4, 1/2" Jet holes per foot, Blinebry Gas Zone.

Ran tubing and packer with circulating valves above and below in open position. Closed circulating valves to test Blinebry Gas Zone. Swabbed 80 bbls ~~and~~ load salt water 8 hours. Swabbed 75 bbls load salt water 7-1/2 hours. Well kicked off. Blew well to air 1-1/2 hours to clean up. Gas tested 1,310,000 cu ft at back pressure of 500#, Blinebry Gas Zone. Acidized perforations in 7" casing from 5585-5640' and 5660-5720' with 4000 gallons 15% IT NE acid. Inj rate 138 gallons per minute. Flushed with 36 bbls salt water. Swabbed 40 bbls load salt water 2 hours. Well kicked off Blew well to air 13 hours. Gas tested 2,080,000 cu ft at 1175# back pressure. Tested circulating valves.

Opened lower circulating valve. Gas tested 4,870,000 cu ft at back pressure of 1350#, Tubb Gas Zone.