

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico **HOBBS OFFICE OCC**

MISCELLANEOUS REPORTS ON WELLS

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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 Dual (Other) Completion	X

January 14, 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

Drilling & Exploration Company, Inc.

(Company or Operator)

State F

(Lease)

Albright Well Servicing Company

(Contractor)

Well No. 3 in the NE 1/4 SW 1/4 of Sec. 19

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

The Dates of this work were as follows: November 30, 1954 to January 11, 1955

Notice of intention to do the work (was) ~~approved~~ submitted on Form C-102 on July 30, 1954,

(Cross out incorrect words)

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

DC-148

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Killed well with 500 gallons Jel X-820. Pulled tubing and packer and perforated 5 1/2-inch casing 3323-39, 3349-55, 3358-65, 3374-78, 3390-3402, 3412-16, 3426-32, 3614-24, 3652-64 with 4 jet shots per foot. Set Baker Model D production packer at 3804 on wire line. Ran tubing with Otis Type L bottom check in packer and Garrett Model B circulating valve at 3774. Seated tubing in packer and swabbed casing annulus through circulating valve. Closed circulating valve and swabbed tubing dry to check valves. Opened bottom check and swabbed in lower perforations.

Flowed casing thru 2-inch critical flow prover with 1/8-inch plate for 126 MCF per day at 368 psia. Dropped Otis bottom check and set Otis plug choke with wire line. Treated down casing with 500 gallons mud acid and 1,000 gallons regular acid. Opened circulating valves and swabbed casing annulus. No increase in gas volume. Pulled tubing and reran with closed circulating valves at 3803 and 3774. Set Otis plug choke with wire line between circulating valves. Treated down casing with 6,000 gallons Sandfrac with 1# sand per gallon. After 20 hours opened casing and recovered load. Pulled plug choke and

(Over)

Witnessed by D. C. Webb Drilling & Exploration Co., Inc. Division Prod. Supt.

(Name)

(Company)

(Title)

Approved _____
OIL CONSERVATION COMMISSION

L. G. Stanley
(Name)

(Title)

(Date)

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

Name

Position Division Production Superintendent

Representing Drilling & Exploration Co., Inc.

Address Box 2075, Hobbs, New Mexico

and bottom valve with wire line and swabbed in lower perforations.

To test for packer leakage casing and tubing were closed in for 24 hours and pressures stabilized at 1000# and 900# respectively. Flowed well through tubing for 24 hours; casing pressure remained constant at 1000#. Closed in tubing and pressures again stabilized at 1000# and 900#. Opened casing for one hour and 30 minutes thru 2-inch flow prover with 1-inch plate; tubing pressure remained constant at 900#. Deliverability 3625 MCF per day at 905 psia.

See attached diagrammatic sketch of mechanical installation used as described above.