

DUPLICATE

# CONTINENTAL OIL COMPANY

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OIL CONSERVATION COMMISSION  
HOBBS OFFICE

Hobbs, New Mexico  
January 30, 1951

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Gentlemen:

As ordered in Case 221, Order No. R-21, dated July 13, 1950, in regard to the dual completion in the Drinkard and Tubb formations of Continental Oil Company's Mary E. Wantz No. 3-D, Drinkard Pool, Lea County, New Mexico, the following report is submitted:

1. The well was originally completed on January 8, 1948, in the Drinkard formation at a total depth of 6630'. The 7" production casing was set at 6627' and perforated opposite the Drinkard formation in the intervals: 6546' to 6553', 6558' to 6564', 6568' to 6573', and 6580' to 6584'. The initial flowing potential was 240 barrels oil per day, no water, through a 1" choke, and a gas-oil ratio of 1,908 cubic feet per barrel. The original bottom-hole pressure taken during May 1948, was recorded as 1,678 psi and the tubing and casing pressures were 400 psi and 50 psi respectively. A bottom-hole pressure measurement taken in June 1950, indicated a pressure of 1,510 psi. A gas-oil ratio test taken in April 1950, indicated a productivity of 37 barrels oil per day, no water, and 107.9 MCF gas for a gas-oil ratio of 2,910 cubic feet per barrel.

2. The well was dually completed in the Tubb and Drinkard

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New Mexico 011 Conservation Commission  
 P.O. Box 671  
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well was originally commenced on January 2, 1918, in the Trinidad formation at a total depth of 6630'. The 7" production casing was set at 6630' and perforated opposite the Trinidad formation in the intervals: 6546' to 6553', 6553' to 6564', 6564' to 6570', and 6580' to 6584'. The initial flowing potential was 240 barrels oil per day, through a 1" choke, and a gas-oil ratio of 1,200 cubic feet per barrel. The original bottom-hole pressure taken during May 1918, was recorded as 1,675 psi and the tubing and casing pressures were 1,000 psi and 50 psi respectively. A bottom-hole pressure measurement taken in June 1920, indicated a pressure of 1,510 psi. A gas-oil ratio test taken in April 1920, indicated a productivity of 30 barrels oil per day, and 100 psi for a gas-oil ratio of 2,510 cubic feet per barrel.

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