

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

Case No. 221
Order No. R-21

IN THE MATTER OF THE APPLICATION
OF CONTINENTAL OIL COMPANY FOR AN
ORDER GRANTING PERMISSION TO DUALY
COMPLETE ITS "M. E. WANTZ NO. D"
WELL LOCATED IN THE NW/4 SE/4 SECTION
21, TWP. 21 SOUTH, R. 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO, FOR PRODUCING
GAS FROM THE TUBB SAND, AND OIL FROM
THE DRINKARD FORMATION.

ORDER OF THE COMMISSION

This matter came on for hearing at 10:00 o'clock A.M., on May 23, 1950 pursuant to legal notice, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

The Commission having heard the evidence and being fully advised in the premises, FINDS:

1. That due public notice having been given as required by law, the Commission has jurisdiction of the subject matter and of the interested parties.

2. That although recent experiments tend to show that mechanical packers and other devices are now available for engineering successful dual completion, the Commission is yet to be convinced of the soundness of dual and multiple completion as a general practice in New Mexico without specific control of each such project, and

IT IS THEREFORE ORDERED that effective May 23, 1950, the Continental Oil Company, the applicant herein, be and it is hereby authorized to dually complete and produce its "M. E. Wantz No. D" well located in the NW/4 SE/4 of Section 21, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico in order that gas from the Tubb Sand (6120' to 6195') may be produced through the annulus between the casing and tubing, and oil from the lower Drinkard formation (6546' to 6584') through the tubing by proper perforation and proper packer or packers;

PROVIDED, HOWEVER, that said "M. E. Wantz No. 3-D" well shall be completed and produced in such a manner that there will be no commingling within the well bore of the said well of gas, or oil and gas produced from the two separate strata, and

PROVIDED FURTHER that said well shall be equipped in such a manner that reservoir pressures may be determined separately for each of the two separate strata, and further be equipped with all necessary connections required to permit recording meters to be installed and used at any time as may be required by the Commission or its representatives, in order that natural gas, or oil and oil and gas, from each separate stratum may be accurately measured and the gas-oil ratio determined and

PROVIDED FURTHER that the operator shall make any and all tests including segregation tests by not excluding other tests and/or determinations at any time and in such manner as may be deemed necessary by the Commission.

The original and all subsequent tests shall be witnessed by a representative of the Commission and by representatives of offset operators if any there be, and the results of each test properly attested to by the applicant and all witnesses and shall be filed with the Commission within ten (10) days after the actual completion of each such test and,

PROVIDED FURTHER that prior to the time said well is dually completed, the applicant shall supply the Commission, for its approval, with plat or drawing showing the proposed method and manner of completion, together with an electrical or radio-activity log showing the location and extent of each separate stratum and the proposed perforations, and

PROVIDED FURTHER that upon the dual completion of the well the applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to produce the seal from both zones or strata, showing tube and location of packers, other devices used, location and extent of perforations, name and depth of each producing zone or strata and special report of production, gas-oil ratio and reservoir pressure determination of each horizon or stratum at the time of completion.

IT IS FURTHER ORDERED That jurisdiction of this case is hereby retained by the Commission for such further order or orders in the premises as may from time to time seem necessary or convenient to the Commission and this case shall not be considered as establishing a precedent for authorizing general dual completions in the Drinkard Pool, and upon failure of the applicant to comply with any provision or provisions of this order, by the authority hereunder shall terminate, upon ten (10) days' written notice by the Commission.

DONE AT SANTA FE, NEW MEXICO this 13th day of July, 1950.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

THOMAS J. MABRY, CHAIRMAN

GUY SHEPARD, MEMBER

R. R. SPURRIER, SECRETARY