

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 342
ORDER NO. R-134

AN APPLICATION OF SHELL OIL COMPANY
FOR AN ORDER AUTHORIZING THE DUAL
COMPLETION (GAS-OIL) OF THEIR NO. 2
TURNER WELL, LOCATED NWSW SEC. 22,
TWP. 21 SOUTH, RGE. 37 E., NMPM, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10 a. m., on February 21, 1952, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 20th day of March, 1952, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, 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 this cause and the subject matter thereof.

(2) That although recent experiments tend to show that mechanical packers and other devices are now available for effecting successful dual completions, the Commission finds that specific control of each project should be maintained.

IT IS THEREFORE ORDERED:

That effective as of the date of this order, Shell Oil Company, the applicant herein, be, and it hereby is authorized to dually complete its No. 2 Turner well, located in the NWSW Sec. 22, Twp. 21S, Rge. 37 E. NMPM, Lea County, New Mexico, to produce gas from the Tubb formation through the annulus between the casing and the tubing, and oil from the Drinkard formation through the tubing, by the use of proper perforations and the use of proper packer or packers;

PROVIDED HOWEVER, That said No. 2 Turner well shall be dually 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 and tests for leakage outside the casing but not excluding other tests and/or determinations at any time and in such manner as may be deemed necessary by the Commission and remedy any situation reflected. 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 results of such tests properly attested to by the applicant and all witnesses and shall be filed with the Commission within ten 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.

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 tubing and location of packers, or other devices used, location and extent of perforations, name and depth of each producing zone or stratum, 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 completion; and upon failure of the applicant to comply with any provision or provisions of this order, by the authority hereunder shall terminate, upon ten days written notice by the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove written.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

/s/ EDWIN L. MECHEM, Chairman

/s/ GUY SHEPARD, Member

/s/ R. R. SPURRIER, Secretary