

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 208
ORDER NO. R-15

IN THE MATTER OF THE APPLICATION OF
CULBERTSON & IRWIN, INC. FOR AUTHORITY
TO DUALY COMPLETE, FOR OIL & GAS PRODUCTION,
FROM TWO SEPARATE ZONES (YATES GAS ZONE
AND QUEEN OIL ZONE) ITS LANKFORD NO. 1 WELL
LOCATED 1650 FT. FROM THE NORTH LINE AND
1650 FT. FROM THE EAST LINE OF SEC. 25,
TWP. 23S, R. 36E., N.M.P.M., LANGLIE-MATTIX
POOL, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

NOW on this 27th day of April 1950, the Commission having considered
the transcript of testimony introduced at said hearing,

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 engineeringly successful dual completions, the Commission is unconvinced of the soundness of dual and multiple completions as a general practice in New Mexico without specific controls over each such project, and

IT IS THEREFORE ORDERED:

That effective January 24, 1950, Culbertson and Irwin, Inc. the applicant, herein, be and it hereby is authorized to dually complete and produce its Lankford No. 1 well located 1650 ft. from the north line and 1650 ft. from the east line of Sec. 25, T. 23S, R. 36E., N.M.P.M., (Langlie Mattix Pool) Lea County, New Mexico, in order that gas from the "Yates" sand (2950' to 3190') may be produced through the annulus between the casing and tubing, and oil from the "Queen" sand (3525'-3637') through the tubing, by proper perforations and proper packer or packers;

PROVIDED, HOWEVER that said well (Lankford No. 1) 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 specified 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, oil or oil and gas from each separate stratum may be accurately measured and the gas-oil ratio thereof determined and

PROVIDED FURTHER that the operator shall make any and all tests, including segregation tests, but not excluding other tests and/or determinations at any time and in such manner as 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 herein 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, together with an electrical or radioactive 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 stratum, and special report of production, gas-oil ratio and reservoir pressure determinations of each horizon or stratum at the time of completion.

IT IS FURTHER ORDERED THAT Jurisdiction in the case is hereby retained by the Commission for such further order or orders in the premises as may seem necessary or convenient to the Commission, and the case shall not be considered as establishing a precedent of authorizing general dual completions in the Cooper-Jal pool, and upon failure of applicant to comply with any provision or provisions of this order then the authority hereunder shall terminate, upon ten days notice by the Commission.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

THOMAS J. MABRY, Chairman

GUY SHEPARD, Member

R. R. SPURRIER, Secretary