

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. 175
ORDER NO. 816

IN THE MATTER OF THE APPLICATION OF
GULF OIL CORPORATION FOR AN ORDER
AUTHORIZING IT TO DUALY COMPLETE
AND PRODUCE FROM THE HOBBS LIME
SECTION AND THE BYERS SAND SECTION
FROM A SINGLE WELL BORE, ITS WEST
GRIMES NO. 15 WELL, LOCATED 990 FEET
NORTH OF THE SOUTH LINE AND 2310 FEET
EAST OF THE WEST LINE OF SECTION 32,
TOWNSHIP 18 SOUTH, RANGE 38 EAST,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 10:00 o'clock A.M., March 31, 1949, at Santa Fe, New Mexico, before the Oil Conservation Commission of the State of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 19th day of April, 1949, the Commission having before it for consideration the testimony adduced at the hearing of said case 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 engineeringly successful dual completions, the Commission is not convinced of the soundness of dual completions as a general practice in New Mexico without specific controls over each such project, and the Commission therefore, frowns upon growing tendencies to dually complete wells, before authority is given.

IT IS THEREFORE ORDERED:

1. That effective the 31st day of March, 1949, the Gulf Oil Corporation be and it hereby is granted, permission to dually complete and produce its West Grimes No. 15 well, located 990 feet north of the south line and 2310 feet east of the west line of Section 32, Township 18 South, Range 38 East, N.M.P.M., Lea County, New Mexico, in such manner that gas from the Byers gas sand through the annular space between the tubing and the casing and the Hobbs lime section through tubing by means of packer control, and

PROVIDED that said well shall be completed and produced in such a manner that there will be no commingling within the well bore of the well of gas or oil and gas produced from the two separate strata and,

PROVIDED FURTHER, that said well must be equipped in such a manner that

reservoir pressures may be determined on each of the two specified strata separately and further, that said well must be equipped with all necessary connections required to permit recording meters to be installed and used at any time so that when such meters are installed all natural gas, oil and/or 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 but not excluding other tests and/or determinations at any such times and in such manner as is 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 petitioner and all the witnesses and shall be filed with the Commission within 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 company shall supply the Commission for its approval, with plat or drawing showing the proposed method and manner of completion together with an electrical or radioactivity 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 operator shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually employed to produce the seal from both zones showing tube and location of packers, other devices used, location and extent of perforations, name and depth of each producing horizon and special report of production, gas-oil ratio and reservoir pressure determinations of each horizon at the time of completion.

IT IS FURTHER PROVIDED and so ordered by the Commission that upon failure of the operator to comply with any provision or provisions of this order then the conditions hereunder shall immediately terminate.

IT IS FURTHER ORDERED that jurisdiction in this case is hereby retained by the Commission for such further order or orders as may seem necessary or convenient to the Commission and this case shall not be considered as establishing a precedent of authorizing general dual completions in the Hobbs field.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


THOMAS J. MABRY, CHAIRMAN

GUY SHEPARD, MEMBER


R. R. SPURRER, SECRETARY