

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 426
ORDER NO. R-233

THE APPLICATION OF THE TEXAS COMPANY
FOR AN ORDER PERMITTING DUAL COMPLETION
OF ITS J. B. McGHEE, WELL NO. 1, NE/4 SE/4
SECTION 31, TOWNSHIP 24 SOUTH, RANGE 38
EAST, NMPM, LEA COUNTY, NEW MEXICO, IN SUCH
A MANNER AS TO PERMIT PRODUCTION OF OIL FROM
THE DEVONIAN FORMATION AND OIL FROM THE
DRINKARD FORMATION.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a. m. on November 20, 1952, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 16th day of December, 1952, the Commission, a quorum being present, having considered said application and the evidence introduced in support thereof, 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 the applicant's J. B. McGhee, Well No. 1, NE/4 SE/4 Section 31, Township 24 South, Range 38 East, NMPM, Lea County, New Mexico, was drilled to a depth of 8735 feet in the Fusselman formation, which formation was found to be non-productive of oil or gas at that location; that the well was plugged back to the Devonian formation and completed in that zone through casing perforations 7440-7610, 7630-7705. On initial potential test the well flowed 69 barrels of oil per day.

(3) That the production of the J. B. McGhee, Well No. 1, declined to 35 barrels of oil per day within approximately 30 days after completion, and that the well was subsequently plugged back to 6600 feet and the casing perforated at depths of 6350-6396 and 6416-6469 and 6479-6512 and the well recompleted in the Drinkard formation, the well producing 113 barrels of oil in 6 hours from the Drinkard formation on recompletion test.

(4) That evidence indicates that the J. B. McGhee, Well No. 1, is offset by a well producing from the Drinkard formation, but is not offset by any well producing from the Devonian formation, and that geological evidence indicates to the Commission the presence of a sealing fault between the J. B. McGhee, Well No. 1, and those wells in the West Dollarhide-Devonian Pool producing from the Devonian formation, this eliminating any possibility that the J. B. McGhee, Well No. 1, may be drained by wells presently producing from the Devonian formation in the area.

(5) That continued experimentation tends to show that mechanical packers and other devices are available for effecting successful dual completions. However, the Commission is yet to be convinced of the soundness of oil-oil dual or multiple completions as a general practice in New Mexico.

IT IS THEREFORE ORDERED:

That the application of The Texas Company for dual completion of its J. B. McGhee, Well No. 1, NE/4 SE/4 Section 31, Township 24 South, Range 38 East, NMPM, Lea County, New Mexico, be, and the same hereby is denied.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

GUY SHEPARD, Member

R. R. SPURRIER, Secretary

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