

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. 2269
Order No. R-1975

APPLICATION OF GREAT WESTERN DRILLING
COMPANY FOR AN OIL-SALT WATER DUAL
COMPLETION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 4, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 25th day of May, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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, Great Western Drilling Company, is the owner and operator of its Federal MM Well No. 2, located in the SE/4 NW/4 of Section 8, Township 9 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant seeks permission to dually complete said Federal MM Well No. 2 in such a manner as to permit the disposal of salt water into the San Andres formation in the interval from approximately 4290 feet to approximately 5100 feet, and the production of oil from the Bough C formation adjacent to the East Allison-Pennsylvanian Pool at a depth of approximately 9675 feet. Salt water will be injected through the annulus between strings of 4 1/2-inch and 7 5/8-inch casing to a depth of 4290 feet, thence through the annulus between the string of 4 1/2-inch casing and the open hole to approximately 5100 feet. The Pennsylvanian oil will be produced through 2-inch tubing set at 7000 feet installed within the string of 4 1/2-inch casing set at total depth.

(4) That cement on the string of 4 1/2-inch casing should extend from total depth to approximately 5100 feet.

-2-

CASE No. 2269
Order No. R-1975

(5) That the annulus between the 2 3/8-inch tubing and the 4 1/2-inch casing strings should be filled with sweet oil, naphtha, or other non-corrosive fluid.

(6) That the mechanics of the proposed completion are feasible and approval of the subject application will neither cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Great Western Drilling Company, is hereby authorized to dually complete its Federal MM Well No. 2, located in the SE/4 NW/4 of Section 8, Township 9 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the disposal of salt water into the San Andres formation in an interval from approximately 4290 feet to approximately 5100 feet and the production of oil from the Bough C formation adjacent to the East Allison-Pennsylvanian Pool at a depth of approximately 9675 feet. Salt water shall be injected through the annulus between strings of 4 1/2-inch and 7 5/8-inch casing to a depth of 4290 feet, thence through the annulus between the string of 4 1/2-inch casing and the open hole to approximately 5100 feet. The Pennsylvanian oil shall be produced through 2-inch tubing set at 7000 feet installed within the string of 4 1/2-inch casing set at total depth.

(2) That cement on the string of 4 1/2-inch casing shall extend from total depth to approximately 5100 feet.

(3) That the annulus between the 2 3/8-inch tubing and the 4 1/2-inch casing strings shall be filled with sweet oil, naphtha, or other non-corrosive fluid.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



A. L. PORTER, Jr., Member & Secretary

