

Entered April 7, 1964

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. 2998
Order No. R-2682

APPLICATION OF TENNECO OIL COMPANY
FOR A GAS WELL-WATER INJECTION WELL,
SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 11, 1964, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 31st day of March, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Tenneco Oil Company, seeks authority to dually complete its Central Totah Unit Well No. 24, located in Unit O of Section 11, Township 28 North, Range 13 West, NMPM, San Juan County, New Mexico, to produce gas from the Basin-Dakota Gas Pool and to inject water into the Totah-Gallup Oil Pool.

(3) That the applicant proposes to install 3 1/2-inch tubing in a packer set at approximately 5742 feet, to install 1 1/2-inch tubing within the 3 1/2-inch tubing in a packer set at approximately 5766 feet, to produce Dakota gas through the 1 1/2-inch tubing, and to inject water into the Gallup formation through the annulus between the 3 1/2-inch tubing and 5 1/2-inch casing.

(4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(5) That approval of the subject application will implement the Totah-Gallup Pressure Maintenance Project authorized by Order

-2-

CASE No. 2998

Order No. R-2682

No. R-2190 and should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(6) That approval of the subject application will protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Tenneco Oil Company, is hereby authorized to complete its Central Totah Unit Well No. 24, located in Unit O of Section 11, Township 28 North, Range 13 West, NMPM, San Juan County, New Mexico, as a dual completion (conventional) to produce gas from the Basin-Dakota Gas Pool and to inject water into the Totah-Gallup Oil Pool;

PROVIDED HOWEVER, that 3 1/2-inch tubing shall be installed in a packer set at approximately 5742 feet, that 1 1/2-inch tubing shall be installed within the 3 1/2-inch tubing in a packer set at approximately 5766 feet, that the Dakota gas shall be produced through the 1 1/2-inch tubing below the lower packer, and that the water injection into the Gallup formation shall be through the annulus between the 5 1/2-inch casing and the 3 1/2-inch tubing;

PROVIDED FURTHER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Deliverability Test Period for the Basin-Dakota Gas Pool.

(2) 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


JACK M. CAMPBELL, Chairman


E. S. WALKER, Member


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

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