

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. 1161
Order No. R-917

IN THE MATTER OF THE APPLICATION
OF NORTHWEST PRODUCTION CORPORATION
FOR AN ORDER AUTHORIZING A TRIPLE
GAS COMPLETION OF ITS JICARILLA "W"
WELL NO. 1-7 LOCATED IN THE SW/4 SW/4
OF SECTION 7, TOWNSHIP 26 NORTH, RANGE
5 WEST, NMPM, RIO ARriba COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 o'clock a.m. on October 17, 1956, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 13th. day of November, 1956, the Commission, a quorum being present, having considered the application, the evidence adduced, and being fully advised in the premises,

FINDS:

- (1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
- (2) That the applicant is the operator of the Jicarilla "W" Well No. 1-7, located 800 feet from the south line and 920 feet from the west line of Section 7, Township 26 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.
- (3) That the said Jicarilla "W" Well No. 1-7 has been completed to a total depth of 7,623 feet.
- (4) That the said Jicarilla "W" Well No. 1-7 is located within the present horizontal boundaries of the South Blanco-Pictured Cliffs Pool and is classified as a wildcat for both the Mesaverde and Dakota formations.

(5) That the applicant proposes to complete the said Jicarilla "W" Well No. 1-7 in the Pictured Cliffs, Mesaverde and Dakota formations in the manner outlined in the application.

(6) That the mechanics of the proposed triple completion are feasible and in good practice.

(7) That the applicant will recover gas by means of the proposed triple completion that would not otherwise be recovered since it might not be commercially feasible to make a single completion in any of the three producing horizons.

IT IS THEREFORE ORDERED:

(1) That the applicant, Northwest Production Corporation, be and the same is hereby authorized to complete its Jicarilla "W" Well No. 1-7 located in the SW/4 SW/4 Section 7, Township 26 North, Range 5 West, NMPM, in the following manner:

(a) Perforate the liner opposite the Dakota Formation and produce the gas therefrom through 2 7/8 inch diameter tubing to the top of the Mesaverde formation and thence through a cross-over assembly into 1 1/4 inch diameter tubing which is inside the 2 7/8 inch diameter tubing to the surface;

(b) Perforate the liner opposite the Mesaverde formation and produce the gas therefrom through the tubing-tubing annulus to the surface;

(c) Perforate the casing opposite the Pictured Cliffs formation and produce the gas therefrom through 1 1/4 inch diameter tubing to the surface;

(d) Production packers shall be set near the top of the Mesaverde formation and near the top of the Dakota formation.

PROVIDED HOWEVER: That upon the actual triple completion of said subject well, applicant shall submit to the district office of the Commission in which the subject well is located, Form C-104, Form C-110 and Form C-122 for each pool, outlining the information required on these forms by existing Rules and Regulations.

PROVIDED HOWEVER: That subject well shall be completed and thereafter produced in such a manner that there will be no commingling of gas within the well bore, either within or outside the casing, from any of the separate strata, and

PROVIDED FURTHER: That the gas produced from each zone or stratum shall be metered and reported separately.

PROVIDED FURTHER: That the subject well shall be equipped in such a way that reservoir pressures may be determined separately for each of the three 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 the natural gas from each separate stratum may be accurately measured and the gas-distillate ratio thereof be determined, and

PROVIDED FURTHER: That the operator-applicant, shall make any and all tests, including segregation tests and packer leakage tests on completion and annually thereafter during the annual Deliverability Test of the South Blanco-Pictured Cliffs Pool, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of offset operators if any there be at their election, and the results of each test properly attested to by the applicant herein and all witnesses, and shall be filed with the Commission within fifteen (15) days after the completion of such tests and, that the operator shall submit a packer-setting affidavit within fifteen (15) days after completion, after remedial work, or whenever the packer is disturbed, and,

PROVIDED FURTHER: That upon the actual triple completion of the subject well, applicant shall submit to the Commission, a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata and a special report of production gas-distillate and reservoir pressure determination of each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights. Upon failure of applicant to comply with any requirement of this order after proper notice and hearing, the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

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

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