

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. 1742
Order No. R-1486

APPLICATION OF EL PASO NATURAL
GAS COMPANY FOR AN ORDER AUTHORIZ-
ING A GAS-GAS DUAL COMPLETION IN
THE TAPACITO-PICTURED CLIFFS POOL
AND IN THE BLANCO-MESAVERDE POOL,
RIO ARRIBA COUNTY, NEW MEXICO,
UTILIZING A RETRIEVABLE-TYPE
PACKER

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 19, 1959, 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 17th day of September, 1959, 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, El Paso Natural Gas Company, is the owner and operator of the San Juan 27-4 Unit Well No. 21, located in the NW/4 NE/4 of Section 30, Township 27 North, Range 4 West, N4PM, Rio Arriba County, New Mexico.
- (3) That the applicant proposes to dually complete the said San Juan 27-4 Unit Well No. 21 in such a manner as to produce gas from the Tapacito-Pictured Cliffs Pool and to produce gas from the Blanco-Mesaverde Pool through the casing-tubing annulus and through 2-inch EUE tubing respectively, effecting separation of the zones in the well bore by means of a Guiberson "Shorty" Model retrievable-type packer to be set at 4071 feet.

(4) That the temperature which is expected to be encountered at 4071 feet in said San Juan 27-4 Unit Well No. 21 is approximately 117° Fahrenheit, and the proposed packer should be able to efficiently withstand a temperature of this magnitude.

(5) That the pressure differential between the two producing zones in the subject well is approximately 172 psi, which differential the Guiberson "Shorty" Model packer should be able to withstand; further, that said differential should be adequate to actuate the hydraulic hold-down buttons on said packer.

(6) That the weight of the tubing string above the proposed packer setting-depth should be adequate to hold said packer in place.

(7) That while said packer is not of a drillable nature, it can be milled out, which operation the applicant has expressed a willingness to undertake should the necessity arise.

(8) That the testimony indicates that the producing characteristics of each zone in the proposed dual completion are such that there will be no significant tubing movement which would tend to unseat said packer.

(9) That packer-leakage tests should be conducted on the subject well semi-annually.

IT IS THEREFORE ORDERED:

That the applicant, El Paso Natural Gas Company, be and the same is hereby authorized to dually complete its San Juan 27-4 Unit Well No. 21 located in the NW/4 NE/4 of Section 30, Township 27 North, Range 4 West, N4PM, Rio Arriba County, New Mexico, in such a manner as to permit the production of gas from the Tapacito-Pictured Cliffs Pool and the production of gas from the Blanco-Mesaverde Pool through the casing-tubing annulus and through 2-inch EUE tubing, respectively, effecting separation of the zones in the well bore by means of a Guiberson "Shorty" Model retrievable-type packer to be set at 4071 feet.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Section V, Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter during the Deliverability Test Period for the Blanco-Mesaverde Pool. Applicant shall also take packer-leakage tests semi-annually midway between the aforesaid Deliverability Test Periods.

-3-

Case No. 1742
Order No. R-1486

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 Burroughs
JOHN BURROUGHS, Chairman

Murray E. Morgan
MURRAY E. MORGAN, Member

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



lcr/