August 9, 1956

Mr. A. L. Porter, Secretary and Director Oil Conservation Commission Box 871 Santa Pe. New Mexico

Dear Sir:

This is to request administrative approval for a well dually completed in the Blanco-Mesa Verde Pool and the Antes-Pietured Cliffs Pool. The El Paso Hatural Gas Ladwick #9 is located \$30 Sest from the west line and 1090 feet from the south line, Sestion 20, Tourship 20 Horth, Range 10 West, H.H.P.H., San Juan County, New Mexico.

This well has been completed in the Point Lockout member of the Mesa Verde formation and the Pictured Cliffs sandstone. Completion has been accomplished in the following manner:

- 1. 10 3/4 inch casing set at 172 feet with 225 sacks of cement.
- 2. 7 5/8 inch casing set at 4466 feet using multi-stage cement procedure--150 sacks at the base of the casing and 150 sacks across the Pictured Cliffs Security.
- 3. 5 1/3 inch liner set at total depth 5107 feet to 4337 feet with 150 seaks of eguent.
- 4. Before perfereking either pay some, both the casing and liner were tested under pressure for leaks and none were found.
- 5. Point Lockout formation was perferated and sand-water fraced at three intervals through the \$ 1/2 inch liner.
- 6. Pictured Cliffs formation was perforated and sand-water fraced through the 7 5/8 inch coming.
- 7. Both formations were thereughly sleamed after treatment, and completion was accomplished by setting a Baker Hodel "D" production packer below the Pictured Cliffs perforations in the 7 5/8 inch easing. 2 inch tubing was then run through the production packer to a point epposite the Hesa Verde perforations. Thus, the Hesa Verde will be produced through the 2 inch tubing, and the Pictured Cliffs Seemstion will be produced through the tubing-easing annulus.



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EL PASO NATURAL GAS COMPANY

EL PASO, TEXAS

Mr. A. L. Porter

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- A Garrett Sidedoor Flow Hipple was installed on the 2 inch tubing above the predestion packer. This flow nipple will enable Bottom Hole pressures to be taken if they are required at a future date.
- 9. Initial potential tests have been run and commercial production has been found at both mones. Also a packer leakage test has been run and witnessed by the Astes Oil Conservation Commission office. This test shows so communication in the well here between the two producing formations.

Administrative approval to asked for this dual completion to allow production from both known producing formations without the high initial cost of drilling two wells.

The offset operator: of this dual empletion has been notified, and I am emclosing a telegram from him waiving any objection to it. Also enclosed are:

- (a) Two copies of the Shematic Diagram of the mechanical installations.
- (b) Two copies of the plats showing the location of this well and the offset operators.
- (c) Two copies of an affidavit from the packer setting company stating that the packer used was set at the depth shown.
- (4) Two copies of the packer leakage tests as observed by a newber of the Oil Conservation Commission.
- (e) Two copies of the initial potential tests showing commercial production from the nemes.

It is intended to dedicate the V/2 of Section 29 to the Mesa Verde formation and the SV/4 of Section 29 to the Pictured Cliffs production.

Any further information required will be furnished upon your request. Thank you for your consideration of this matter.

Yours very truly

EJC: ec

B. J. Cool Senior Petroleum Engineer

oc: Mr. R. L. Hamblin Mr. Phil T. Medicath

Mr. Beery Arnold

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