

# El Paso Natural Gas Company

El Paso, Texas

July 26, 1956

DIRECT REPLY TO:  
P. O. BOX 997  
FARMINGTON, NEW MEXICO

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

Dear Sir:

This is to request administrative approval of a well dually completed in the Blanco Mesa Verde and the Aztec Pictured Cliff Pool Extension. The El Paso Natural Gas Heaton #6 is located 840' from the North line and 1830' from the East line of Section 33, Township 31 North, Range 11 West, N.M.P.M., San Juan County, New Mexico.

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

1. 10 3/4" casing set at 173' with 150 sacks cement.
2. 7" casing set at 4532' with 250 sacks cement.
3. 5 1/2" liner set at the total depth of 4944' to 4434' with 100 sacks cement.
4. Complete protection of the Pictured Cliff formation was accomplished by squeezing cement across the formation behind the 7" casing. Before perforating the respective pay zones both the casing and liner were tested with pressure for leaks, none were found.
5. The Point Lookout formation was perforated and sand-water fraced thru the 5 1/2" liner.
6. The Pictured Cliff formation was perforated and sand-water fraced thru the 7" casing.
7. After cleaning out both formations, completion was accomplished by setting a Baker Model "D" production packer, at 2501'.



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2" tubing was run thru the packer to a point opposite the Mesa Verde perforations thus the Mesa Verde will be produced thru the 2" tubing and the Pictured Cliffs produced thru the 7" casing-tubing annulus.

8. A Garrett Sidedoor Flow Nipple was installed on the 2" tubing immediately above the production packer. The flow nipple will allow for Bottom Hole Pressure Tests if they are required at a later date.
9. Initial Potential tests have been run and commercial production has been found in both zones, also the packer leakage tests have been accomplished showing no communication in the well bore between the two producing formations.

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

The offset operators of this dual completion have been notified and I am enclosing telegrams from them waiving any objections to it. Also enclosed are:

- (a) Two copies of the Schematic Diagram of the mechanical installations.
- (b) Two copies of the plats showing the location of the well and surrounding wells in the acreage of offset operators.
- (c) Two copies of an affidavit from the packer setting company stating that the packer was set at the depth shown.
- (d) Two copies of the packer leakage tests as observed by a member of the Oil Conservation Commission Aztec Office.
- (e) Two copies of the Potential tests showing commercial production from each zone.

It is intended to dedicate the N/2 of Section 33 to the Mesa Verde production and the NE/4 of Section 33 to the Pictured Cliff production.

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

Yours very truly,

ORIGINAL SIGNED E. J. COEL

E. J. Coel  
Senior Petroleum Engineer

EJC:ajk

Enc.

cc: R. L. Hamblin  
Phil McGrath  
Emery Arnold ✓  
R. L. Snider, Jr.