

El Paso Natural Gas Company

El Paso, Texas

April 3, 1957

DIRECT REPLY TO:
P. O. BOX 697
FARMINGTON, NEW MEXICO



Mr. A. L. Porter
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 South Blanco Pictured Cliffs Extension Pools. The El Paso Natural Gas Company San Juan 28-6 Unit No. 69 (PM) is located 990 feet from the South line, 810 feet from the West line, Section 24, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico. This well is completed in the Point Lookout and Cliff House members of the Mesa Verde formation and in the Pictured Cliffs formation. Completion has been accomplished in the following manner:

1. 10-3/4" casing set at 172 feet with 150 sacks cement circulated to the surface.
2. 7-5/8" casing set at 3476 feet with 250 sacks cement.
3. 5-1/2" liner set from 3379 feet to 5677 feet with 300 sacks cement.
4. Protection of the Pictured Cliffs formation was obtained by circulating cement behind 7-5/8" casing before perforating. Both the casing and liner were tested for leaks. None were found.
5. The Point Lookout and Cliff House were perforated and sand-water fraced through the 5-1/2" liner.
6. The Pictured Cliffs formation was perforated and sand-water fraced through the 7-5/8" casing.
7. After cleaning out both formations a 2" EUE tubing was run with a Baker Model "EGJ" production packer to separate the Mesa Verde and Pictured Cliffs formations. The Mesa Verde formation will be produced through the 2" tubing.
8. The Pictured Cliffs formation will be produced through the 7-5/8" casing. A syphon string consisting of 1-1/4" line pipe was run to a point opposite the Pictured Cliffs formation.
9. A Garrett circulating sleeve was installed in the 2" tubing string just below the Pictured Cliffs perforation. This sleeve will enable bottom hole pressure surveys to be taken if they are required at a future date.

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10. Initial potential tests have been run and commercial production has been found from both zones. Also a packer leakage test has been run and witnessed by the Aztec Oil Conservation Commission office. This test shows no communication in the well bore between the two producing formations.

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

Since El Paso Natural Gas Company is the operator of the San Juan 28-6 Unit the approval of any other operators has not been sought. I am enclosing:

- (a) Two copies of the schematic diagram of the mechanical installations.
- (b) Two copies of an affidavit from the packer setting company stating that the packer used was set at the depth shown.
- (c) Two copies of the packer leakage tests as observed by a member of the Oil Conservation Commission.
- (d) Two copies of the initial potential test showing commercial production from these zones.

It is intended to dedicate the W/2 of Section 24 to the Mesa Verde production and the SW/4 of Section 24 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,

ORIGINAL SIGNED E. J. COEL

E. J. Coel
Senior Petroleum Engineer

EJC/gks

cc: Emery Arnold ✓
R. L. Hamblin
Phil McGrath