

El Paso Natural Gas Company

El Paso, Texas

June 6, 1956

DIRECT REPLY TO:
P. O. BOX 897
FARMINGTON, NEW MEXICO

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Mr. A. L. Porter, Jr., 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 Pool and the Aztec Pictured Cliff Pool Extension. The El Paso Natural Gas Heaton #3 is located 990 feet from the North line and 1650 feet from the East line of Section 30, Township 31 North, Range 11 West, N.M.P.M., San Juan County, New Mexico.

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

1. 10 3/4" casing set at 180' with 150 sacks cement.
2. 7" casing set at 4625' with 250 sacks cement.
3. 5 1/2" liner set at the total depth 4915' to 4525' 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 the liner were tested with pressure for leaks, none were found.
5. The Point Lookout was perforated and sand-water fraced through the 5 1/2' casing.
6. The Pictured Cliff formation was perforated and sand-water fraced through the 7" casing.
7. After cleaning out both formations, completion was accomplished by setting a Baker Model "D" production packer at 2568' in the 7" casing. 2" tubing was run through this packer to a point opposite the Mesa Verde perforations, thus the Mesa Verde will be produced through the 2" tubin and the Pictured Cliff will be produced through the 7" casing - tubing annulus.
8. A Garrett side door flow nipple was installed on the 2" tubing and set at a depth of 2472'. This flow nipple will allow for bottom hole pressure tests if they are required at a later date.



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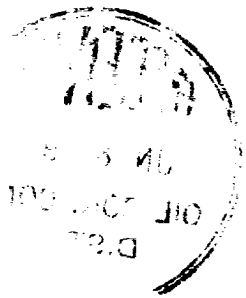
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9. Initial Potential tests have been run and commercial production has been found in both zones. Also a packer leakage test has been accomplished that shows no communication in the well bore between the two producing formations.

Administrative approval is also for the 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 completion has been notified and I am enclosing a telegram from them waiving any objections to it.

Also enclosed are:

- a. Two copies of schematic diagram of the mechanical installations.
- b. Two copies of the plats showing the location of this well and surrounding wells and the acreage of 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.
- d. Two copies of the packer leakage tests as observed by an employee of the Oil Conservation Commission, Aztec Office.
- e. Two copies of the Potential Tests showing the commercial production from these zones.

It is intended to dedicate the E/2 of Section 30 to the Mesa Verde production and the NE/4 of Section 30 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:ajh

Enc.

cc: R. L. Hamblin
P. T. McGrath
Emery Arnold ✓
H. L. Snider, Jr.