

El Paso Natural Gas Company

El Paso, Texas
October 15, 1936

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 for a well dually completed in the Blanco-Mesa Verde Pool and the Aztec-Pictured Cliffs Pool. The El Paso Natural Gas Company Ludwick #11 is located 990' from the North line and 1580' from the East line, Section 19, Township 30 North, Range 10 West, N.M.P.M., San Juan County, New Mexico.

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

1. 10 3/4" casing set at 172' with 250 sacks of cement.
2. 7" casing set at 4716' using multi-stage cement procedure--150 sacks at the base of the casing and 150 sacks across the Pictured Cliffs formation.
3. 5 1/2" liner set from 5314' to 4662' with 150 sacks of cement.
4. Before perforating either pay zone, both the casing and liner were tested under pressure for leaks and none were found.
5. Point Lookout formation was perforated and sand-water fraced at four intervals through the 5 1/2" liner.
6. Menefee formation was perforated and sand-water fraced at two intervals through the 5 1/2" liner.
7. Pictured Cliffs formation was perforated and sand-water fraced through the 7" casing.
8. Both formations were thoroughly cleaned after treatment, and completion was accomplished by setting a Baker Model "D" production packer below the Pictured Cliffs perforations in the 7" casing. 2" tubing was then run through the production packer to a point opposite the Mesa Verde perforations. Thus, the Mesa Verde will be produced through the 2" tubing, and the Pictured Cliffs formation will be produced through the tubing-casing annulus.

COPY

Grade 9 and 10 Manual Nov 13

Nov 13

RECEIVED
OIL CON COM
DIST



Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

Nov 13

9. A Garrett sidedoor Flow Nipple was installed on the 2" tubing above the production packer. This flow nipple will enable Bottom Hole pressures to be taken if they are required at a future date.
10. Initial Potential tests have been run and commercial production has been found at 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.

El Paso Natural Gas is the operator of all of the offset acreage; therefore, it was not necessary to notify any offset operator. Also enclosed are:

- (a) Two copies of the Schematic 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.
- (d) Two copies of the packer leakage tests as observed by a member of the Oil Conservation Commission.
- (e) Two copies of the Initial Potential tests showing commercial production from the zones.

It is intended to dedicate the E/2 of Section 19 to the Mesa Verde formation and the NE/4 of Section 19 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:ajh
Enclosure

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



ORIGINAL 10/10/10

