

El Paso Natural Gas Company

El Paso, Texas

August 14, 1958

ADDRESS REPLY TO:
POST OFFICE BOX 997
FARMINGTON, NEW MEXICO

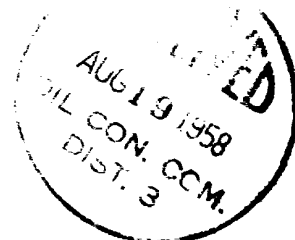
Mr. A. L. Porter
Secretary and Director
Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Dear Sir:

This is a request for administrative approval for a well dually completed in the Blanco Mesa Verde Pool and Wildcat Pictured Cliffs Pool. The El Paso Natural Gas Company San Juan 28-6 Unit No. 79 (FM) is located 1180 feet from the South line and 1090 feet from the West line of Section 11, Township 27 North, Range 6 West, N.M.P.M., Rio Arriba County, New Mexico.

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

1. 10 3/4" surface casing set at 172 feet with 150 sacks of cement circulated to the surface.
2. 7 5/8" intermediate casing set at 3193 feet with 200 sacks of cement. Top of the cement is at 2225 feet, which is above the top of the Pictured Cliffs at 2998 feet.
3. 5 1/2" liner set from 3155 feet to 5393 feet with 300 sacks of cement.
4. The casing and liner were tested for leaks before perforating.
5. The Point Lockout section was perforated in five intervals and fractured with water and sand.
6. The Cliff House section was perforated in four intervals and fractured with water and sand.
7. The Pictured Cliffs formation was perforated in two intervals and fractured with water and sand.
8. All perforations were cleaned out after treatment and completion was accomplished by setting a Baker Model "EQJ" production packer on 2" EUE tubing at 3268 feet with tubing perforations set opposite the Point Lockout perforations. 1 1/4" EUE tubing siphon string was run with tubing perforations set opposite the Pictured Cliffs perforations. The Point Lockout gas will be produced through the 2" tubing and the Pictured Cliffs gas through the casing.



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

Administrative approval is requested for the dual completion to allow production from both known producing formations, eliminating the high initial cost of drilling two separate wells.

The acreage dedicated to this well falls entirely within the boundaries of the San Juan 28-6 Unit. Since El Paso Natural Gas Company is the sole operator of this unit, permission has not been sought from any other operator to dually complete this well. Enclosed are:

- (a) Two copies of the schematic diagram of the mechanical installations.
- (b) Two copies of the affidavit from the packer setting company stating that the packer used was set at the depth shown.
- (c) Two copies of the packer leakage test as observed by a member of the Oil Conservation Commission.
- (d) Two copies of the initial potential test showing commercial production from the two formations.
- (e) Two plats showing the location of the well and offset operators.

Copies of the electrical and radioactive logs will be sent to you under separate cover.

It is intended to dedicate the W/2 of Section 11, Township 27 North, Range 6 West to the Mesa Verde formation and the SW/4 of Section 11, Township 27 North, Range 6 West to the Pictured Cliffs formation.

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

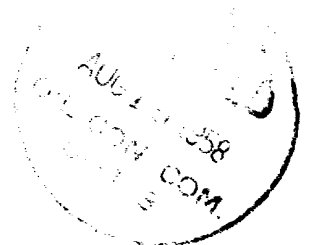
Yours very truly,

OR'G'NAL SIGNED E. S. OBERLY

E. S. Oberly,
Division Petroleum Engineer

ESO:dgb

cc: NMOCC (Emery Arnold) (2)
Sam Smith
USGS (Phil McGrath)



STATE OF NEW MEXICO)
)
COUNTY OF SAN JUAN)

I, Mack M. Mahaffey, being first duly sworn upon my oath depose and say as follows:

I am an employee of Baker Oil Tools, Inc., and that on July 20, 1958, I was called to the location of the El Paso Natural Gas Company San Juan 28-6 Unit No. 79 (FM) Well located in the SWSW/4 of Section 11, Township 27 North, Range 6 West, N.M.P.M., for advisory service in connection with installation of a production packer. In my presence, a Baker Model "EGJ" Production Packer was set in this well at 3268 feet in accordance with the usual practices and customs of the industry.

Mack M. Mahaffey

Subscribed and sworn to before me, a Notary Public in and for San Juan County, New Mexico, the 15th day of August, 1958.

Raul MacLachlan
Notary Public in and for San Juan County,
New Mexico

My commission expires February 24, 1960.

