## El Paso Natural Gas Company

El Paso, Texas

October 4, 1957

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 a request for administrative approval for a well dually completed in the Ballard Pictured Cliffs Pool Extension and the Blanco Mesa Verde Pool. The El Paso Natural Gas Company Bolack No. 9-C (PM) is located 1650 feet from the North line and 990 feet from the East line of Section 31, Township 27 North, Range 8 West, N.M.P.M., San Juan County, New Mexico.

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

- 1. 10 3/4" surface casing set at 174 feet with 225 sacks of cement circulated to the surface.
- 2. 7 5/6" intermediate easing set at 4245 feet and cemented with a two stage cementing procedure; 150 sacks at the base of the casing and 150 sacks across the Pictured Cliffs formation, squeezed with 150 sacks through perforations at 2200 feet.
- 3. 5 1/2 liner set from 4177 feet to 4693 feet with 140 sacks of cement. Top of liner was squeezed with 25 sacks.
- 4. The casing and liner were tested for leaks before perforating.
- 5. The Point Lookout section was perforated in two intervals and fractured with water and sand.
- 6. The Pictured Cliffs formation was perforated in one interval and fractured with water and sand.
- 7. All perforations were cleaned after treatment and completion was accomplished by setting a Baker Model EGJ production packer on 2"

  EUE tubing at 4220 feet with the tubing perforations set opposite the Point Lookout perforations. 1 1/4" EUE tubing was run, with the tubing perforations set opposite the Pictured Cliffs perforations, as a siphon string. The Point Lookout gas will be produced through the 2" tubing and the Pictured Cliffs gas through the casing.
- 9. A Garrett circulating sleeve was installed in the 2" EUE tubing string just below the Pictured Cliffs perforations. This will enable the bottom hole pressure tests to be taken at a future date if so required.

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