



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 965  
Farmington, New Mexico

COPY TO O. G. C.

March 16, 1956

El Paso Natural Gas Company  
Box 997  
Farmington, New Mexico

Re: Santa Fe 078097

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated March 16, 1956 covering your well No. 4 Heaton in NE<sup>1</sup> sec. 29, T. 31 N., R. 11 W., N. M. T. M., San Juan County, New Mexico, Blanco pool.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

Very truly yours,

(Orig. Sec. 11.1.1)

Jerry W. Long  
Acting District Engineer

JWLong:ac

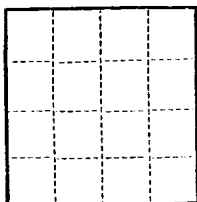


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92-10-000



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 078097  
Unit Beaton

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 16, 1956

Well No. 4 is located 1650 ft. from N line and 1042 ft. from E line of sec. 29

NE Section 29 31N 11W R4PN  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5252 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

It is intended to drill a well with rotary tools thru the Mesa Verde formation. Mud circulation will be used thru the Pictured Cliffs and set intermediate casing. Gas circulation will be used thru the Mesa Verde and a liner will be set. Possible productive intervals will be perforated and fractured. T.D. 4930'.

#### Casing Program:

9 5/8" at 170' with 125 sacks cement circulated to the surface.  
7" at 4665' with 250 sacks cement.  
5 1/2" at 4900' with 150 sacks cement.

The E/2 of section 29 is dedicated to this well.  
E/2 SF 078097.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company

Address Box 997

Farmington, New Mexico

By DC. photos  
Petroleum Engineer

Title