



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

February 25, 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 February 28, 1956 covering your well No. 5 Heaton in SW $\frac{1}{4}$ sec. 28, T. 31 N., R. 11 W., N. M. P. M., San Juan County, New Mexico, Blanco pool.

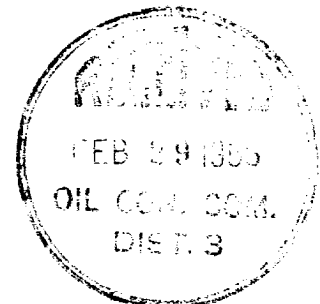
Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

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,

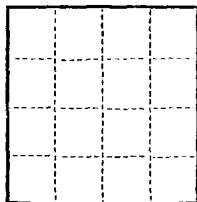
Jerry W. Long
Acting District Engineer

JWLong:ac



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(SUBMIT IN TRIPLICATE)

UNITED STATES
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GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078097
Unit Heaton

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)

February 28, 1956

Well No. 2 is located 600 ft. from S line and 1190 ft. from W line of sec. 28
3 Section 28 31N 14 W N4PM
 (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 5002 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding 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. 4920'.

Casing Program.

- 9 5/8" at 170' with 125 sacks cement circulated to the surface.
- 7" at 4570' with 250 sacks cement.
- 5 1/2" at 4920' with 150 sacks cement.

The 1/2 of Section 28 is dedicated to this well.
 1/2 SF 078097.

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

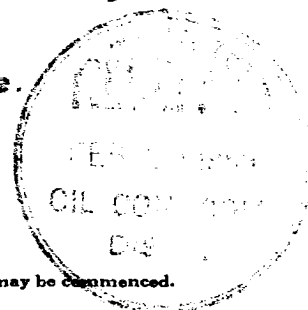
Company El Paso Natural Gas Company

Address Box 997

Farmington, New Mexico

By

Title Petroleum Engineer



COMPANY EL PASO NATURAL GAS COMPANY

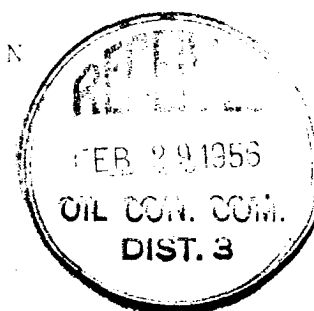
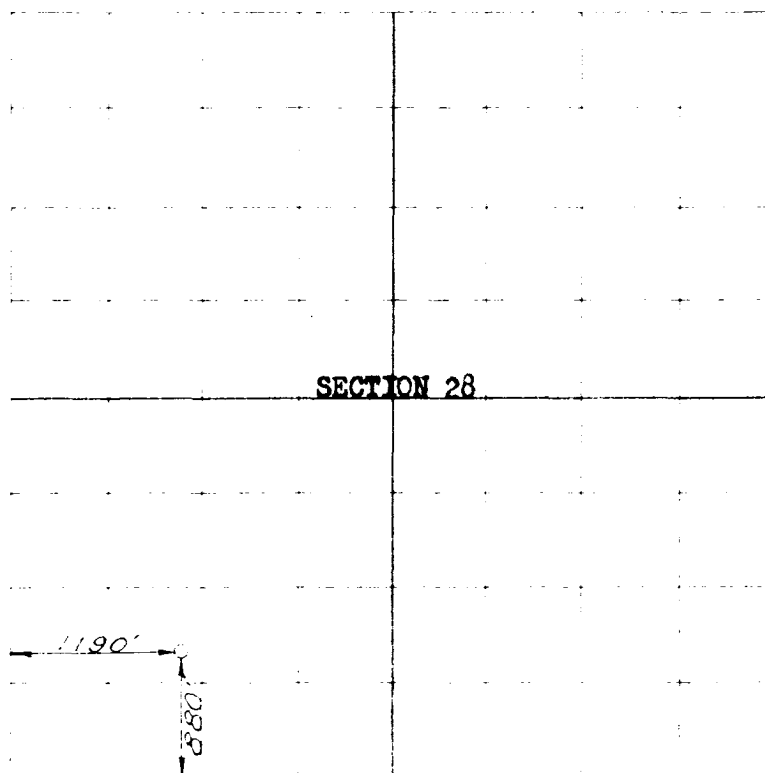
Well Name & No. HEATON NO. 5 Lease No. SF 078097

Location 880 FEET FROM THE SOUTH LINE, 1190 FEET FROM THE WEST LINE

Section SW/4 OF THE SW/4

Sec. 28, T. 31 N., R. 11 W., S. 1 M., SAN JUAN COUNTY, NEW MEXICO

Ground Elevation 5872⁰⁰



Surveyed FEBRUARY 21, 1956

This plat, certificate and map were prepared in accordance with a survey made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Cash

C. O. Walker
Registered Professional
Engineer and Land Surveyor.

Blumington, New Mexico

320 ACRES, W/2 SECTION (PLAT)