

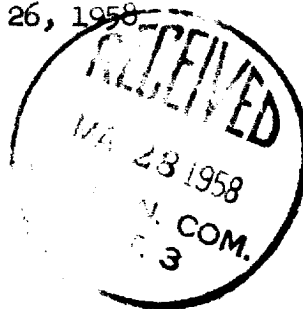
# El Paso Natural Gas Company

El Paso, Texas

May 26, 1958

ADDRESS REPLY TO  
POST OFFICE BOX 997  
FARMINGTON, NEW MEXICO

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



Dear Mr. Porter:

This is a request for administrative approval for an unorthodox gas well location in the Blanco Mesa Verde and South Blanco Pictured Cliffs Pools.

The well, El Paso Natural Gas Co. Johnston State No. 3 (PM) is to be located 1273 feet from the North line and 990 feet from the East line of Section 32, T-26-N, R-6-W, N.M.P.M., Rio Arriba County, New Mexico.

The N/2 of Section 32 is dedicated to the Mesa Verde formation and the NE/4 is dedicated to the Pictured Cliffs formation. A high ridge runs from the northwest corner to the southeast corner of the NE/4 of Section 32 and is surrounded by steep rocky bluffs. As it is economically unfeasible to build an orthodox location on the sides of these steep bluffs, it is proposed to construct an unorthodox location on top of the ridge.

Since El Paso Natural Gas Co. holds the entire lease within the N/2 of Section 32, and the proposed location does not fall within a 790 foot radius of any lease held by any other offset operator, permission has not been asked of any other operator to construct this unorthodox location.

I am sending you two copies of the intention to drill and 2 copies of the certified well location plat.

Yours very truly,

ORIGINAL SIGNED E. S. OBERLY

E. S. Oberly,  
Division Petroleum Engineer

ESO:dgb

cc: Sam Smith

O. C. C. (Emery Arnold) ✓

U.S.G.S. (Phil McGrath)

COPY



4-22860 2 1 0 MAR 1963 HQ

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (○), 10<sup>7</sup> cells/ml (□), 10<sup>8</sup> cells/ml (△), and 10<sup>9</sup> cells/ml (◇). The error bars represent the standard deviation of three independent experiments.

[illegible]

## Well Location and Acreage Dedication Plat

Section A.

Date **APRIL 17, 1958**

Operator **EL PASO NATURAL GAS COMPANY** Lease **JOHNSTON STATE** E291-35  
 Well No. **3 (PM)** Unit Letter **A** Section **32** Township **26-N** Range **6-W** NMPM  
 Locality **1273** Feet From **NORTH** Line, **990** Feet From **EAST** Line  
 County **RIO ARriba** G. L. Elevation **6713** Dedicated Acreage **320 & 160** Acres  
 Name of Producing Formation **MESA VERDE & PICTURED CLIFF** Pool **BLANCO MV, SO. BLANCO PC**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes **X** No

2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "yes", Type of Consolidation.

3. If the answer to question two is "no", list all the owners and their respective interests below.

Owner

Land Description

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

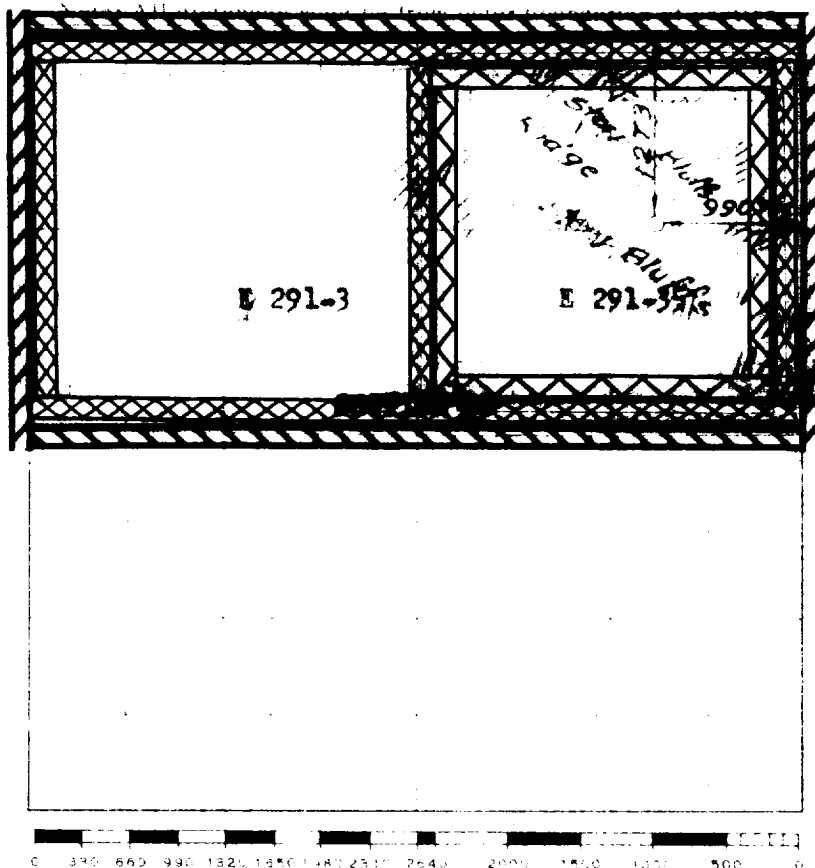
**El Paso Natural Gas Company**  
 (Operator)

Representative

Box 997

(Address)

Farmington, New Mexico



Scale: 1 inch equals 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed **APRIL 16, 1958**

*David O. Kilmer*  
 Registered Professional Engineer and/or Land Surveyor

Farmington, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

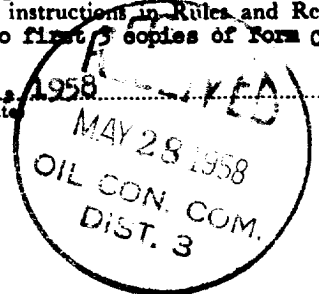
Form C-101  
Revised (12/1/55)

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission. If State Land submit 6 Copies Attach Form C- 128 in triplicate to first 3 copies of Form C-101

Farmington, New Mexico  
(Place)

May 26, 1958  
(Date)



OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

El Paso Natural Gas Company  
(Company or Operator)

Johnston State  
(Lease)

Well No. 3 (PM), in A (Unit) The well is

located 1273 feet from the North line and 990 feet from the

East line of Section 32, T. 26N, R. 6W, NMPM.

(GIVE LOCATION FROM SECTION LINE) Blanco & So. Blanco Pool, Rio Arriba County

If State Land the Oil and Gas Lease is No. E-291-3

If patented land the owner is \_\_\_\_\_

Address \_\_\_\_\_

We propose to drill well with drilling equipment as follows: Rotary tools, using mud circulation thru Pictured Cliffs, gas circulation thru Mesa Verde

The status of plugging bond is Statewide

Drilling Contractor Miracle-Pifer Drilling Company

We intend to complete this well in the Mesa Verde & Pictured Cliffs formation at an approximate depth of 5307 feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
15"	10 3/4"	32.75	New	170	150
9 7/8"	7 5/8"	26.40	New	3032	250
6 3/4"	5 1/2"	15.50	New	2980-5307	300

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.) All possible producing intervals in the Pictured Cliffs and Mesa Verde formations will be perforated & fractured. The N/2 of Section 32 is dedicated to the Mesa Verde formation.

The NE/4 of Section 32 is dedicated to the Pictured Cliffs formation.

N/2: E-291-3

Approved \_\_\_\_\_, 19\_\_\_\_\_  
Except as follows:

Sincerely yours,

El Paso Natural Gas Company  
(Company or Operator)

By [Signature]

Position Petroleum Engineer

Send Communications regarding well to

Name E. S. Oberly

Address Box 997, Farmington, New Mexico

OIL CONSERVATION COMMISSION

By \_\_\_\_\_