

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **080670**  
Unit **San Juan 27-4 Unit**  
**14-08-001-1054**

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 30, 1959

Well No. **21(PM)** is located **850** ft. from **N** line and **1300** ft. from **E** line of sec. **30**  
**NE Sec. 30** **27N** **4W** **N.M.P.M.**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Tapacito P.C. & Blanco** **Rio Arriba** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6968** 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 & dual complete a well in the Pictured Cliffs formation & Mesa Verde formation. Mud circulation will be used thru the Pictured Cliffs formation & set intermediate casing. Gas circulation will be used thru the Mesa Verde & a production liner will be set. Possible productive intervals will be perforated & fractured. Estimated Total Depth 6185'.

Casing Program:

10 3/4" at 170' with 125 sacks cement circulated to the surface.

7 5/8" at 3967' with 250 sacks cement.

5 1/2" liner at 6185' with 300 sacks cement.

The E/2 of Section 30 is dedicated to the Mesa Verde.

The NE/4 of Section 30 is dedicated to the Pictured Cliffs.

E/2: SF 080670

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

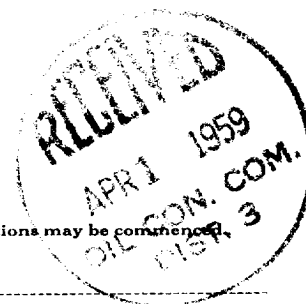
Company **El Paso Natural Gas Company**

Address **Box 997**

**Farmington, New Mexico**

By **Original Signed C. D. COX**

Title **Petroleum Engineer**



## Well Location and Acreage Dedication Plat

Section A.

Date **MARCH 24, 1959**

Operator **EL PASO NATURAL GAS COMPANY** Lease **SAN JUAN 27-4 UNIT** SF **080670**  
 Well No. **21 (PM)** Unit Letter **B** Section **30** Township **27-N** Range **4-W** NMPM  
 Located **850** Feet From **NORTH** Line, **1800** Feet From **EAST** Line  
 County **RIO ARriba** G. L. Elevation **6958** Dedicated Acreage **160 & 320** Acres  
 Name of Producing Formation **PICTURED CLIFF & MESA VERDE** Pool **TAPACITO PC EXT. & BLANCO MV**

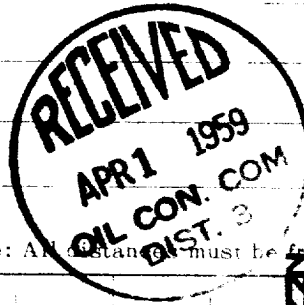
1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?

Yes ☒ 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



MAR 31 1959

OLOGICAL  
NEW MEXICO

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****Original Signed C. D. COX**

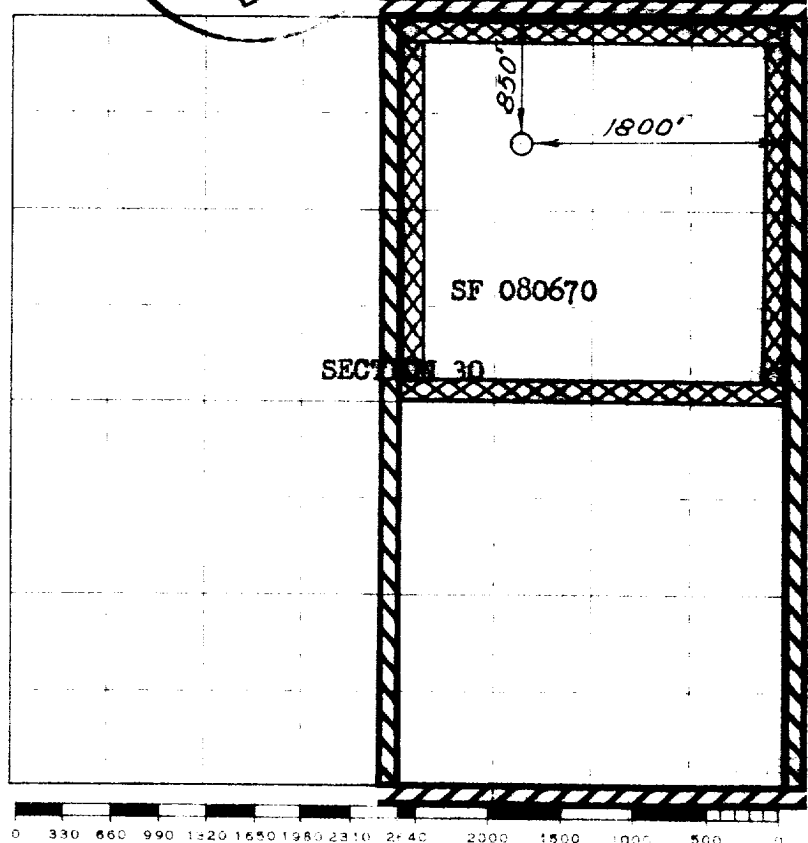
(Representative)

**Box 997**

(Address)

**Farmington, New Mexico**

Note: All distances must be from outer boundaries of section



Scale 4 inches equal 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 **MARCH 18, 1959**

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

Farmington, New Mexico

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe

Lease No. 080670

Unit San Juan 27-4 Unit  
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NOTICE OF INTENTION TO ABANDON WELL.....	<u>Water Frac.</u>	X

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

MAY 27 1959

May 25, 1959

Well No. 21 (PM) is located 850 ft. from [N] line and 1800 ft. from [E] line of sec. 30

NE/4 Sec. 30 27N 4W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Tapacito P. C. Ext., Blanco Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6968 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)

- 5-22-59 Total Depth 6180'. C.O.T.D. 6177'. Water fractured Point Lookout perf. int. (2 DJ/Ft.) 6000-10; 6020-30; 6040-48; 6056-66; 6108-22 w/59,660 gallons water and 60,000# sand. BD pr. 3000#, Max. pr. 2500#, Avg. tr. pr. 2000#. I.R. 62.4 BPM. Flush 10,200 gallons. Dropped 2 sets of 20 balls each and one set of 15 balls for 4 stages.
- 5-23-59 Temporary bridge plug at 4115'. Water fractured Pictured Cliffs perf. int. (2 DJ/Ft.) 3820-28; 3834-48; 3858-68; 3878-90 w/39,560 gallons water and 40,000# sand. BD pr. 1425#, Max. pr. 1200#, Avg. tr. pr. 1150#. I.R. 80.2 BPM. Flush 7900 gallons. Dropped 3 sets of 20 balls each for 4 stages.

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Company El Paso Natural Gas Company

Address Box 997

Farmington, New Mexico



By ORIGINAL SIGNED H.E. McANALLY

Title Petroleum Engineer

