

NSL-406

*NSL  
issue 8-23-67*

# El Paso Natural Gas Company

El Paso, Texas 79999

MAIL OFFICE 090  
AUG 17 7 32 AM '67

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO 87401

August 17, 1967

Mr. A. L. Porter, Secretary & Director  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Dear Sir:

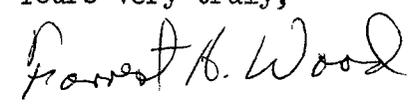
This is a request for administrative approval for an unorthodox gas well location in the Basin Dakota Pool.

It is intended to locate the El Paso Natural Gas Company San Juan 28-5 Unit No. 74 well 1650 feet from the South line and 1695 feet from the West line of Section 36, Township 28 North, Range 5 West, Rio Arriba County, New Mexico. The unorthodox location is desired because of a combination of difficult terrain and the unusual shape of this non-standard proration unit (approved by order No. R-2948).

All of the land surrounding this well is in federal units which are operated by El Paso Natural Gas Company.

Two certified copies of the well location and acreage dedication plat are enclosed along with two copies of the notice of intention to drill.

Yours very truly,



Forrest H. Wood  
Regional Petroleum Engineer

Enclosure

FHW:brs  
cc: Emory Arnold

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 El Paso Natural Gas Company

3. ADDRESS OF OPERATOR  
 Box 990, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1650'S, 1695'W  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5. LEASE DESIGNATION AND SERIAL NO.  
 SF 079522-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 San Juan 28-5 Unit

8. FARM OR LEASE NAME  
 San Juan 28-5 Unit

9. WELL NO.  
 74

10. FIELD AND POOL, OR WILDCAT  
 Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 36, T-28-N, R-5-W  
 N.M.P.M.

12. COUNTY OR PARISH 13. STATE  
 Rio Arriba New Mexico

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 330.74

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
 8690'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 733 7355' GL

22. APPROX. DATE WORK WILL START\*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	32.75#	300'	240 Sks. to circulate
9 7/8"	7 5/8"	26.40#	4500'	150 Sks.
6 3/4"	5 1/2"	15.5 & 17#	8335'	300 Sks.
4 3/4"	4" Liner	Flush Joint	8235-8690'	100 Sks.

Selective zones in the Dakota formation will be perforated and sand water fractured.

Non-standard proration unit approved by NMCC order #R-2948.

Lots 2, 3, 5, 6, 7, and 8 and the NW4 SE/4 of Sec. 36 is dedicated to this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Original Signed F. H. WOOD TITLE Petroleum Engineer DATE 6-13-67

(This space for Federal or State office use)

PERMIT NO. APPROVED  
 APPROVED BY P. J. McGrath  
 CONDITIONS OF APPROVAL, IF ANY:  
 JUN 14 1967  
 P. J. McGRATH  
 DISTRICT ENGINEER

APPROVAL DATE RECEIVED  
 DATE JUN 14 1967  
 U. S. GEOLOGICAL SURVEY  
 FARMINGTON, N. M.

See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>SAN JUAN 28-5 UNIT</b>		Well No. <b>SF-079522-A 74</b>	
Unit Letter <b>N</b>	Section <b>36</b>	Township <b>28-N</b>	Range <b>5-W</b>	County <b>RIO ARRIBA</b>	
Actual Footage Location of Well: <b>1650</b> feet from the <b>SOUTH</b> line and		<b>1695</b> feet from the <b>WEST</b> line			
Ground Level Elev. <b>7355</b>	Producing Formation <b>DAKOTA</b>	Pool <b>BASIN DAKOTA</b>	Dedicated Acreage: <b>330.74</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation .....

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.) .....

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

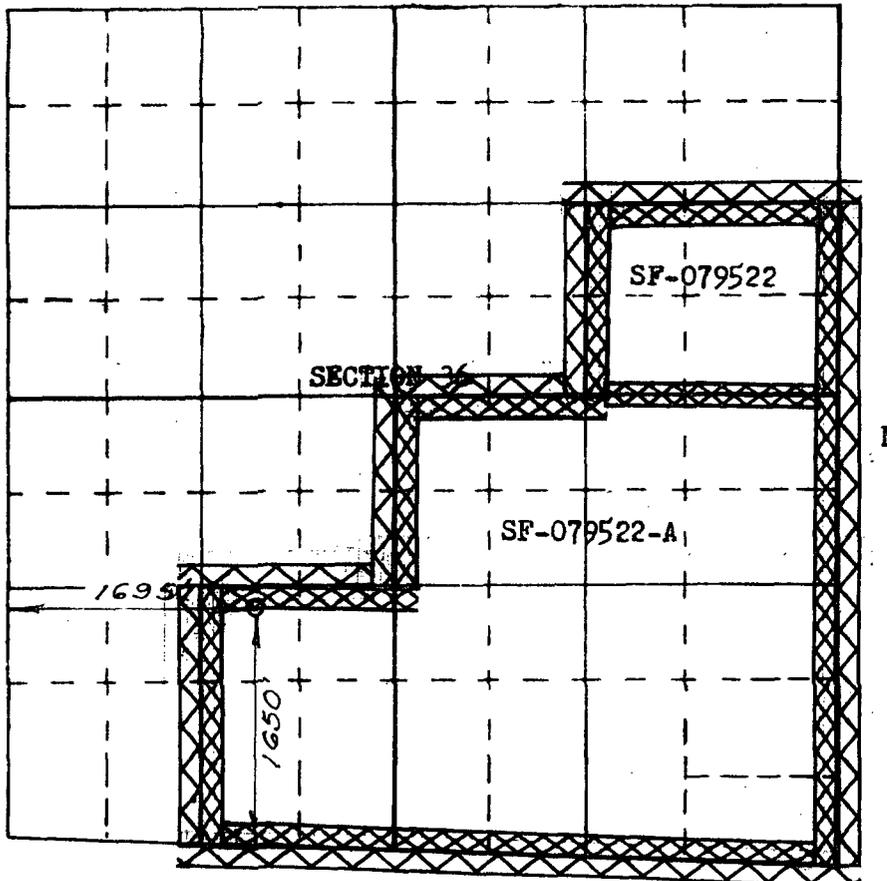
**CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*PH Wood*  
Name  
Petroleum Engineer  
Position  
El Paso Natural Gas Company  
Company  
6-13-67  
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**MAY 19, 1960**  
Registered Professional Engineer  
and/or Land Surveyor  
*David C. Silver*  
Certificate No. **1760**



GOVERNOR  
DAVID F. CARGO  
CHAIRMAN

State of New Mexico  
Oil Conservation Commission

RECEIVED  
1967 AUG 23 AM 8



LAND COMMISSIONER  
GUYTON B. HAYS  
MEMBER

1000 RIO BRAZOS ROAD  
AZTEC

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

August 22, 1967

Mr. George Hatch  
Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Re: El Paso Natural Gas Company  
San Juan 28-5 Unit #45, G-36-28N-5W  
& San Juan 28-5 Unit #74, K-36-28N-5W

Dear George:

The topography in section 36, 28N, 5W is very rough. The elevation difference between the referenced wells is 605 feet and they are only about 2750 feet apart.

Due to the shape of the non-standard proration units established by Order R-2948, the locations of the referenced wells would be very difficult and excessively expensive to build at any location approximating 790 feet from the nearest boundary of either proration unit.

I recommend approval of both locations.

Yours very truly,

*A. R. Kendrick*  
A. R. Kendrick  
Engineer, District #3

ARK:mc