

*FWH  
NSL  
mailed 8-23-67*

# El Paso Natural Gas Company

El Paso, Texas 79901

MAIN OFFICE 000  
AUG 21 AM 7 32 '67

*NSL  
HOS*

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:

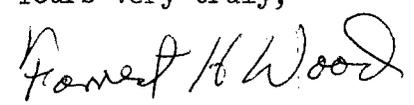
This is a request for administrative approval for an unorthodox gas well location in the Basin Dakota Pool.

It is intended to locate the El Paso Natural Gas Company San Juan 28-5 Unit No. 45 well 1500 feet from the North line and 1840 feet from the East 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

FWH: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

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  
 1500' N, 1840' E  
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.  
 SF 079522

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.  
 45

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  
 Rio Arriba

13. STATE  
 New Mexico

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 345.39

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

19. PROPOSED DEPTH  
 8060

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6750' GL

22. APPROX. DATE WORK WILL START\*

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.30#	300'	270 sks to circulate
8 3/4"	7"	20#	3880'	150 sks.
6 1/4"	4 1/2"	10.5& 11.6#	8060'	420 sks.

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

Non-Standard Gas proration unit approved by N.M.O.C.C. Order #1-2948

See well location plat for dedicated acreage.

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. Original Signed F. H. WOOD  
 SIGNED \_\_\_\_\_ TITLE Petroleum Engineer DATE 8-9-67

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**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>		SF-079522		Well No. <b>45</b>
Unit Letter <b>G</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>1500</b> feet from the <b>NORTH</b> line and <b>1840</b> feet from the <b>EAST</b> line						
Ground Level Elev. <b>6750</b>	Producing Formation <b>DAKOTA</b>		Pool <b>BASIN DAKOTA</b>	Dedicated Acreage: <b>345.39</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 **Unitization**

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**

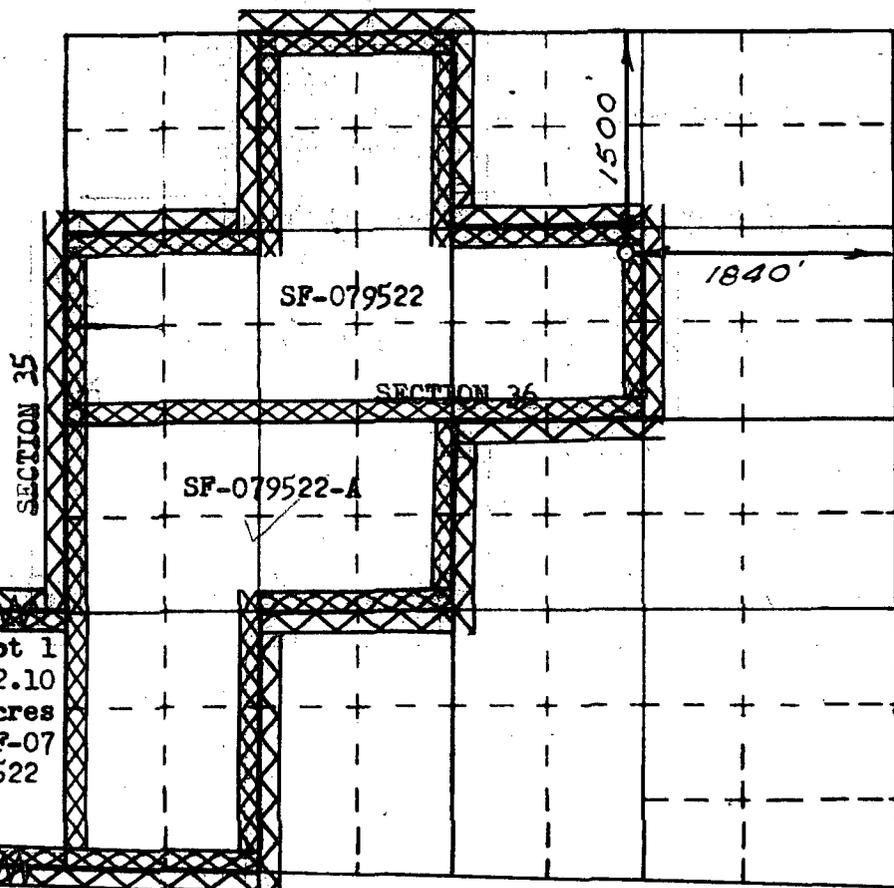
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*FH Wood*  
 Name \_\_\_\_\_  
**Petroleum Engineer**  
 Position \_\_\_\_\_  
**El Paso Natural Gas Company**  
 Company \_\_\_\_\_  
**8-9-67**  
 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 \_\_\_\_\_  
**APRIL 26, 1967**  
 Registered Professional Engineer  
 and/or Land Surveyor

*Paul Kilmer*  
 Certificate No. **1760**





STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

March 31, 1997

**Burlington Resources Oil & Gas Company**  
**P. O. Box 4289**  
**Farmington, New Mexico 87499-4289**  
**Attention: Peggy Bradfield**

*Administrative Order NSL-405-A*

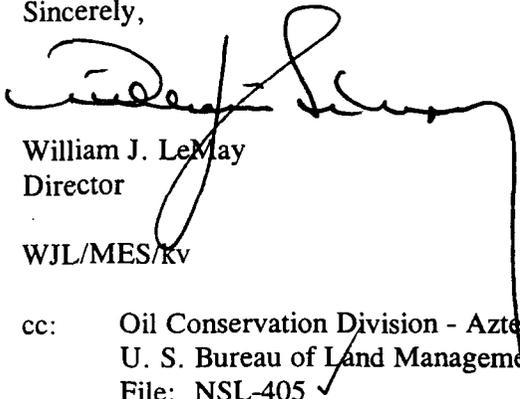
Dear Ms. Bradfield:

Reference is made to your application dated March 26, 1997 for an unorthodox gas well location for both the Blanco-Mesaverde and Basin-Dakota Pools for the proposed San Juan "28-5" Unit Well No. 45-M to be drilled 1450 feet from the North line and 1190 feet from the West line (Unit E) of Section 36, Township 28 North, Range 5 West, NMPM, Rio Arriba County, New Mexico.

Production from the Basin-Dakota Pool is to be included in an existing non-standard 345.39-acre gas spacing and proration unit comprising Lot 1 of Section 35, Township 28 North, Range 5 West, NMPM, Rio Arriba County, New Mexico and Lot 4, the SW/4 NE/4, the NE/4 NW/4, the S/2 NW/4, and the N/2 SW/4 of said Section 36 (approved by Division Order No. R-2948, dated August 16, 1965), which is currently dedicated to Burlington Resources' San Juan "28-5" Unit Well No. 45 (API No. 30-039-20063), located at an unorthodox gas well location (approved by Division Administrative Order NSL-405, dated August 23, 1967) 1500 feet from the North line and 1840 feet from the East line (Unit G) of said Section 36 and that area comprising Lots 1 and 2, the W/2 NE/4, and the NW/4 (N/2 equivalent) of said Section 36 being a standard 344.74 acres gas spacing and proration unit for the Blanco-Mesaverde Pool, are to be dedicated to said well.

By the authority granted me under the provisions of Rule 2(d) of the "*General Rules For The Prorated Gas Pools of New Mexico/Special Rules and Regulations For The Blanco-Mesaverde Pool/Special Rules and Regulations for the Basin-Dakota Pool*", as promulgated by Division Order No. R-8170, as amended, the above-described unorthodox gas well location for the San Juan "28-5" Unit Well No. 45-M is hereby approved.

Sincerely,



William J. LeMay  
Director  
WJL/MES/kv

cc: Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington  
File: NSL-405 ✓

GOVERNOR  
DAVID F. CARGO  
CHAIRMAN

State of New Mexico  
Oil Conservation Commission



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