

Handwritten: NSL issue 8-23-67

El Paso Natural Gas Company

Stamp: MAIL ROOM OFFICE 0000 AUG 21 AM 7 32

Handwritten: NSL 405

El Paso, Texas 79901

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

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

1. 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

1500' N, 1840' E

At proposed prod. zone

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

8060

17. NO. OF ACRES ASSIGNED
TO THIS WELL

345.39

20. ROTARY OR CABLE TOOLS

Rotary

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

6750' 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
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 #4-2948

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:

*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 EL PASO NATURAL GAS COMPANY		Lease SAN JUAN 28-5 UNIT		SF-079522		Well No. 45
Unit Letter G	Section 36	Township 28-N	Range 5-W	County RIO ARriba		
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1500 feet from the NORTH line and 1840 feet from the EAST line </div>						
Ground Level Elev. 6750	Producing Formation DAKOTA		Pool BASIN DAKOTA	Dedicated Acreage: 345.39 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

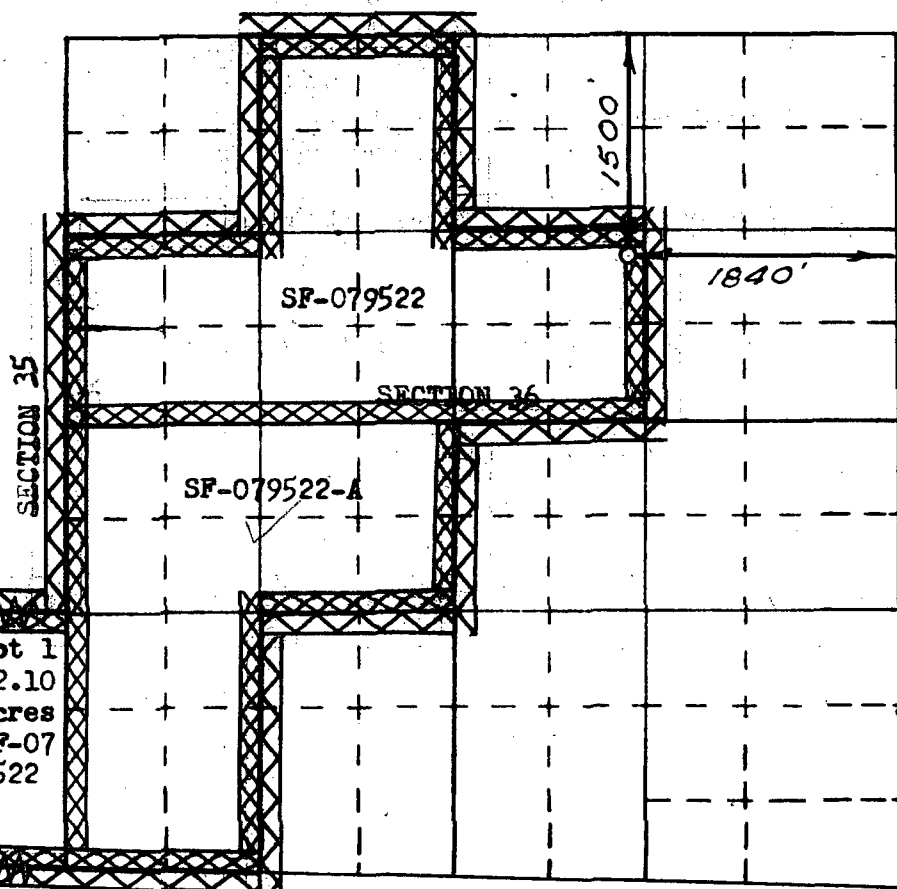
CERTIFICATION

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
David 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

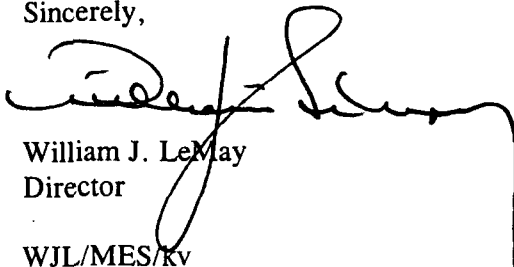
Dear Ms. Bradfield:

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