

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY30-045-22397  
5. LEASE DESIGNATION AND SERIAL NO.

SF 078039

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Barnes

9. WELL NO.

1A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA  
Sec. 24, T-32-N, R-11-W  
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

## 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

PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

800'N, 1500'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 drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320.00

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

19. PROPOSED DEPTH

5635'

20. ROTARY OR CABLE TOOLS

Rotary

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

6215'GL

22. APPROX. DATE WORK WILL START\*

23.

## PROPOSED CASING AND CEMENTING PROGRAM

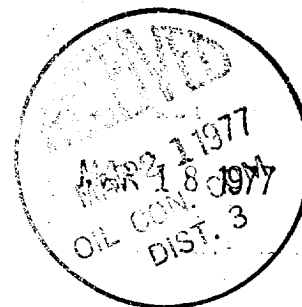
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	224cu.ft. to circulate
8 3/4"	7"	20.0#	3345'	416cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	3250-5635'	415cu.ft. to fill to 3250'

Selectively perforate and sandwater fracture the Mesa Verde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with  
blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The N/2 of Section 24 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

*D. G. Busis*

TITLE Drilling Clerk

DATE March 17, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*OK*

\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

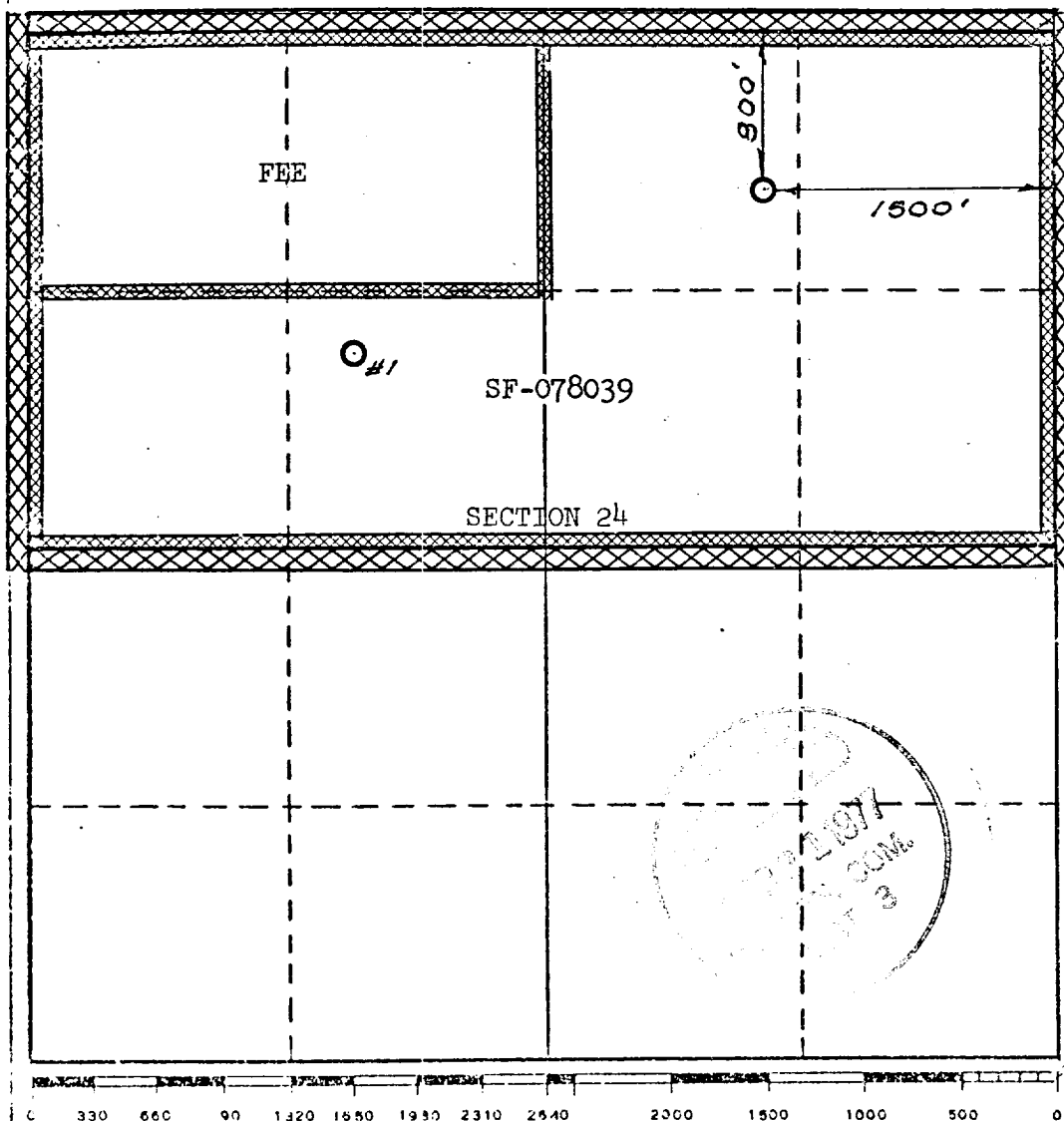
Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>BARNES</b>		(SF-078039)		Well No. <b>1A</b>	
Unit Letter <b>B</b>	Section <b>24</b>	Township <b>32-N</b>	Range <b>11-W</b>	County <b>SAN JUAN</b>			
Actual Footage Location of Well: <b>800</b> feet from the <b>NORTH</b> line and <b>1500</b> feet from the <b>EAST</b> line							
Ground Level Elev. <b>6215</b>	Producing Formation <b>MESA VERDE</b>		Pool <b>BLANCO MESA VERDE</b>		Dedicated Acreage: <b>320.00</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 Communitization

If answer is "no," list the owners and tract descriptions which have actually been 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.

Original by Original Signer  
**D. G. Brisco**

Name  
**Drilling Clerk**

Position  
**El Paso Natural Gas**

Company  
**March 17, 1977**

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  
**MARCH 1, 1977**

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. **1760**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐  
2. NAME OF OPERATOR  
EL PASO NATURAL GAS CO.  
3. ADDRESS OF OPERATOR  
BOX 990, FARMINGTON, NEW MEXICO  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 800'N, 1500'E  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:  
TEST WATER SHUT-OFF ☐ ☒  
FRACTURE TREAT ☐ ☐  
SHOOT OR ACIDIZE ☐ ☐  
REPAIR WELL ☐ ☐  
PULL OR ALTER CASING ☐ ☐  
MULTIPLE COMPLETE ☐ ☐  
CHANGE ZONES ☐ ☐  
ABANDON\* ☐ ☐  
(other) ☐ ☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

3/9/78: Spudded well. Drilled surface hole.

3/10/78: Ran 5 joints 9 5/8", 36# K-55 surface casing, 198' set at 211'. Cemented with 224 cu. ft. cement. Circulated to surface. WOC 12 hours; held 600#/30 minutes.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

Set @ \_\_\_\_\_

18. I hereby certify that the foregoing is true and correct

SIGNED

*D. G. Buers*

TITLE

Drilling Clerk

DATE

3/13/78

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

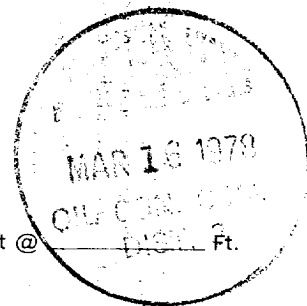
TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE  
SF 078039  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
BARNES  
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11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 24, T-32-N, R-11-W  
NMPM  
12. COUNTY OR PARISH  
San Juan  
13. STATE  
New Mexico  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6215' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)



MAR 15 1978

\*See Instructions on Reverse Side