

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-21513

## 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, 1460'W

At proposed prod. zone

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

## 5. LEASE DESIGNATION AND SERIAL NO.

SF 078049-A

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Hardie B

## 9. WELL NO.

2

## 10. FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREASec. 28, T-29-N, R-8-W  
NMPM

## 12. COUNTY OR PARISH

San Juan

## 13. STATE

NM

## 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  
160.0018. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

3160'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6398'GL

## 22. APPROX. DATE WORK WILL START\*

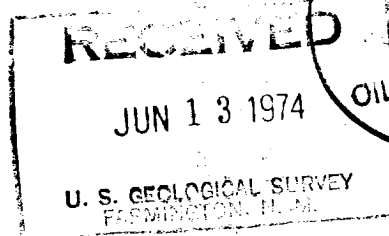
## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	120'	112 cu. ft. to circulate
6 3/4"	2 7/8"	6.4#	3160'	370 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The NW/4 of Section 28 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. Buico*

TITLE

Drilling Clerk

DATE June 13, 1974

(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.

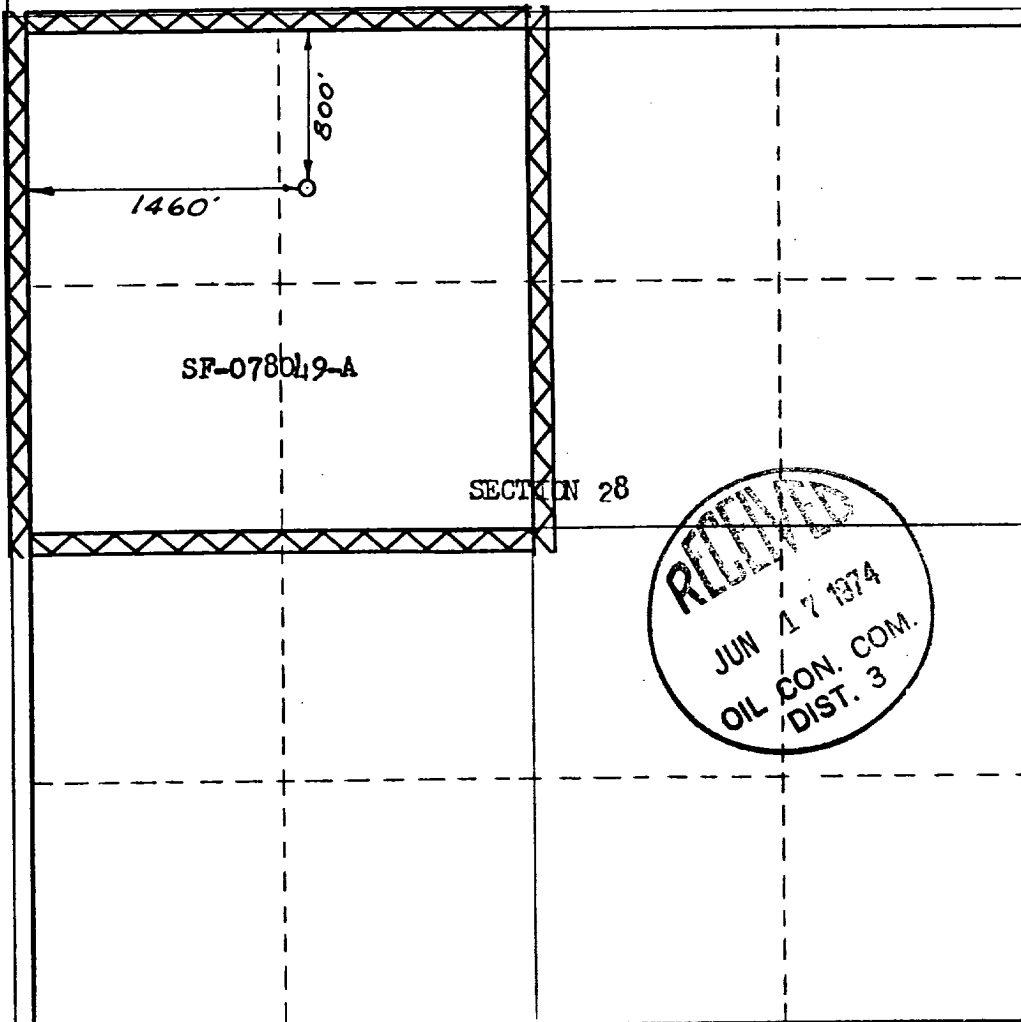
Operator <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>HARDIE B (SF-078049-A)</b>		Well No. <b>2</b>
Unit Letter <b>C</b>	Section <b>28</b>	Township <b>29-N</b>	Range <b>8-W</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>800 feet from the <b>NORTH</b> line and</span> <span>1460 feet from the <b>WEST</b> line</span> </div>				
Ground Level Elev. <b>6398</b>	Producing Formation <b>PICTURED CLIFFS</b>	Pool <b>BLANCO PICTURED CLIFFS</b>	Dedicated Acreage: <b>160.00</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 \_\_\_\_\_

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 Signed by

**D. G. Briscoe**

Name

**D. G. Briscoe**

Position

**EL PASO NATURAL GAS CO.**

Company

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

**FEBRUARY 15, 1974**

Registered Professional Engineer  
and/or Land Surveyor

*[Signature]*

Certificate No. **1760**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

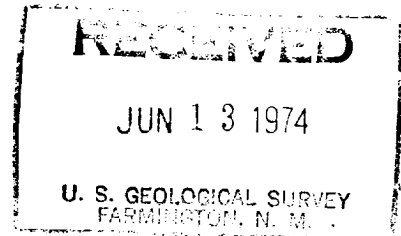
# El Paso Natural Gas Company

El Paso, Texas 79978

June 13, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 959  
FARMINGTON, NEW MEXICO 87401

Mr. P. T. McGrath  
U. S. Geological Survey  
Post Office Box 959  
Farmington, New Mexico 87401



Re: Application for Permit to Drill  
Hardie B #2  
NENW/4 Section 28, T-29-N, R-8-W  
Blanco Pictured Cliffs

Dear Mr. McGrath:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

The proposed new well location, new roads and new pipeline are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from the following location: water well on Manzanares Mesa located in NW/4 Section 16, T-29-N, R-8-W.

Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed, if applicable.

Yours very truly,

*D. G. Brisco*

D. G. Brisco  
Drilling Clerk

pb



LOCATION AND EQUIPMENT LAY-OUT

Hardie B #2

