

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. SF 078518A		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR El Paso Natural Gas Companu			7. UNIT AGREEMENT NAME Huerfano Unit		
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401			8. FARM OR LEASE NAME Huerfano Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1590'S, 1495'E			9. WELL NO. 281		
At proposed prod. zone			10. FIELD AND POOL, OR WILDCAT Basin Dakota /		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T-25-N, R-9-W NMPM		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			12. COUNTY OR PARISH San Juan		
16. NO. OF ACRES IN LEASE			13. STATE NM		
17. NO. OF ACRES ASSIGNED TO THIS WELL 321.05			18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		
19. PROPOSED DEPTH 6870'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6812'			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#	200'	189 cu.ft. to circulate
7 7/8"	4 1/2"	10.5#&11.6#	6870'	1175 cu.ft.- 3 stages

Selectively perforate and sandwater fracture the Dakota 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 E/2 of Section 5 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 A. G. Duico TITLE Drilling Clerk DATE April 14, 1977  
(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:*Okal*

\*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.

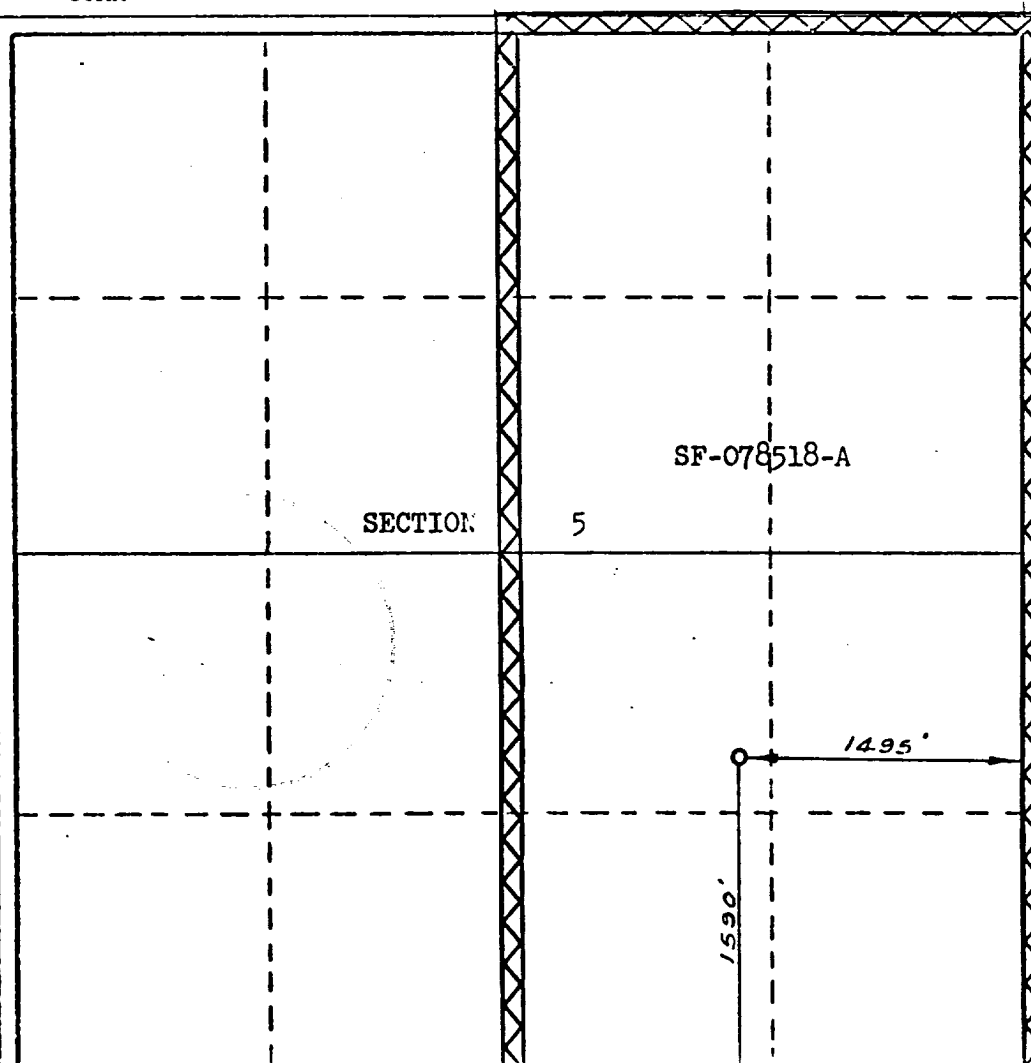
Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>HUERFANO UNIT (SF-078518-A)</b>		Well No. <b>281</b>
Unit Letter <b>J</b>	Section <b>5</b>	Township <b>25-N</b>	Range <b>9-W</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well:					
<b>1590</b>	feet from the	<b>SOUTH</b>	line and	<b>1495</b>	feet from the <b>EAST</b> line
Ground Level Elev. <b>6812</b>	Producing Formation <b>DAKOTA</b>		Pool <b>BASIN DAKOTA</b>	Dedicated Acreage: <b>321.05</b> <input checked="" type="checkbox"/> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 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.

*A. G. Busco*

Name  
Drilling Clerk

Position  
El Paso Natural Gas Co.

Company  
April 14, 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 25, 1977

Registered Professional Engineer  
and/or Land Surveyor

*[Signature]*

Certificate No.  
1760

