

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. 30-039-20318 079403		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR El Paso Natural Gas Company			7. UNIT AGREEMENT NAME San Juan 27-5 Unit		
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico 87401			8. FARM OR LEASE NAME San Juan 27-5 Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1600'S, 1815'V At proposed prod. zone			9. WELL NO. 118		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Basin Dakota		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T-27-N, R-5-W		
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH N.M.P.M.		
17. NO. OF ACRES ASSIGNED TO THIS WELL			13. STATE New Mexico		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6557' GL			22. APPROX. DATE WORK WILL START*		

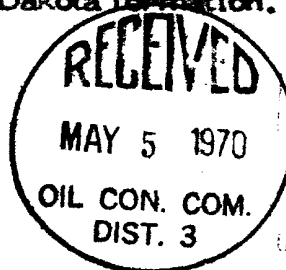
## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	8 5/8"	32.30#	200'	165 Sks. to circulate
8 3/4"	7"	20#	3550'	145 Sks. to cover Ojo Alamo
3 1/4"	4 1/2"	10.5 & 11.6#	7315'	385 Sks. to fill to 3550'

400 ± SX  
JWZ

Selectively perforate and sand water fracture the Dakota formation.

The S/2 of Section 22 is dedicated to this well.

GEOLOGICAL SURVEY  
BUREAU OF LANDS

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 W. J. Wood F. H. WOOD TITLE Petroleum Engineer DATE 4-29-70

(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 ACREAGE DEDICATION PLAT

Form 1-1  
Supersedes C-126  
Effective 1-1-63

All distances must be from the outer boundaries of the Section

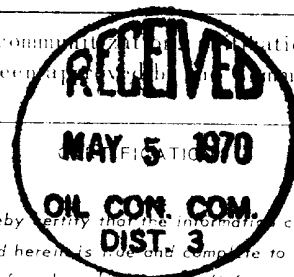
EL PASO NATURAL GAS COMPANY		SAN JUAN 27-5 UNIT (SF-079403)		118
K	22	27-N	5-W	RIO ARriba
1600	SOUTH	1815	WEST	
6557	DAKOTA	BASIN DAKOTA	320.00	

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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



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

Original Signed F. H. WOOD

Petroleum Engineer

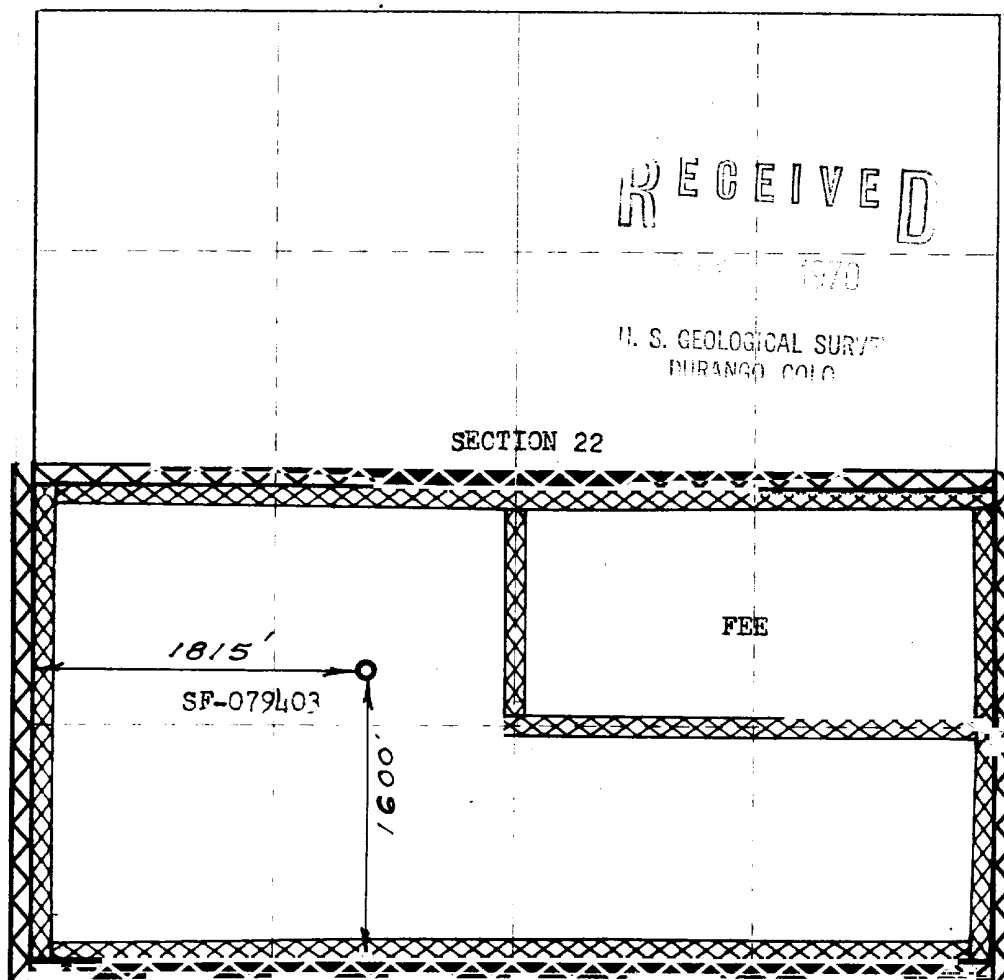
El Paso Natural Gas Co.

April 29, 1970

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.

MARCH 12, 1970

*David O. Klum*  
1760



RECEIVED

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.