

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-645-20281

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 078415	
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	
3. ADDRESS OF OPERATOR Box 990, Farmington, New Mexico - 87401		8. FARM OR LEASE NAME Realofs	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 890'S, 892'E At proposed prod. zone		9. WELL NO. 4	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Undesignated P. C.	
10. 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-29-N, R-8-W N.M.P.M.	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		12. COUNTY OR PARISH San Juan	
16. NO. OF ACRES IN LEASE		13. STATE New Mexico	
19. PROPOSED DEPTH 3395'		17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6673' GL		20. ROTARY OR CABLE TOOLS Rotary	
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#	100'	95 Sks. to circulate
6 3/4"	2 7/8"	6.4#	3395'	170 Sks. to fill to top of Kirtland

Selective zones in the Pictured Cliffs formation will be perforated and are sand-water fractured.

The SE/4 of Section 22 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. Original signed by  
SIGNED Carl E. Matthews TITLE Petroleum Engineer DATE 5-16-68

(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 ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>ROELOFS (SF-078415)</b>		Well No. <b>4</b>
Unit Letter <b>P</b>	Section <b>22</b>	Township <b>29-N</b>	Range <b>8-W</b>	County <b>SAN JUAN</b>	

Actual Footage Location of Well:  
**890** feet from the **SOUTH** line and **892** feet from the **EAST** line

Ground Level Elev. <b>6673</b>	Producing Formation <b>PICTURED CLIFFS</b>	Pool <b>UNDESIGNATED-PICTURED CLIFFS</b>	Dedicated Acreage <b>160.00</b> Acres
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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 consolidated. (Use reverse side of this form if necessary.) .....

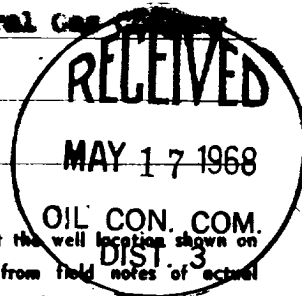
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non standard unit, eliminating such interests, has been approved by the Commission.

### CERTIFICATION

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

Original signed by  
Carl E. Matthews

Name \_\_\_\_\_  
**Petroleum Engineer**  
 Position \_\_\_\_\_  
**El Paso Natural Gas Company**  
 Company \_\_\_\_\_  
**MAY 16, 1966**  
 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 19, 1968**  
 Registered Professional Engineer  
 and/or Land Surveyor

*David Kilmer*  
 Certificate No. **1760**

