

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

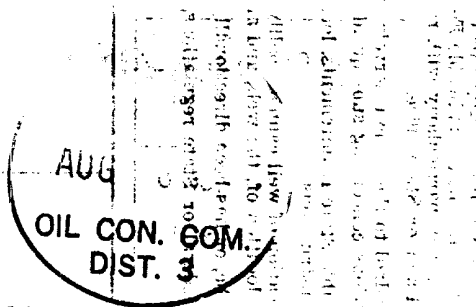
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. <b>SF 078640</b>	
1b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>El Paso Natural Gas Company</b>			7. UNIT AGREEMENT NAME <b>San Juan 28-7 Unit</b>	
3. ADDRESS OF OPERATOR <b>PO Box 990, Farmington, NM 87401</b>			8. FARM OR LEASE NAME <b>San Juan 28-7 Unit</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface <b>1775'N, 1050'W</b> At proposed prod. zone			9. WELL NO. <b>175</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR FULCRUM <b>Blanco Pictured Cliffs &amp; Undes. Chacra</b>	
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 <b>Sec. 28, T-27-N, R-7-W NMPM</b>	
16. NO. OF ACRES IN LEASE			12. COUNTY OR PARISH <b>Rio Arriba</b>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>160</b>			13. STATE <b>New Mexico</b>	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
19. PROPOSED DEPTH <b>4160'</b>			22. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show whether DF, KT, GR, etc.) <b>6575'GR</b>				

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#	120'	135 cu. ft. to circ. to surface
8 3/4"	2 7/8"	6.4#	3050'	480 cu. ft. to cover Ojo Alamo
6 3/4"	2 7/8"	6.4#	4160'	335 cu. ft. to cover Lewis

Selective zones in the Pictured Cliffs and Chacra formations will be perforated and sand-water fractured. The well will be completed as a Pictured Cliffs - Chacra dual well with two parallel strings of 2 7/8" production casing.

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 A. G. Buies TITLE Drilling Clerk DATE August 6, 1973

(This space for Federal or State office use)

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

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*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.

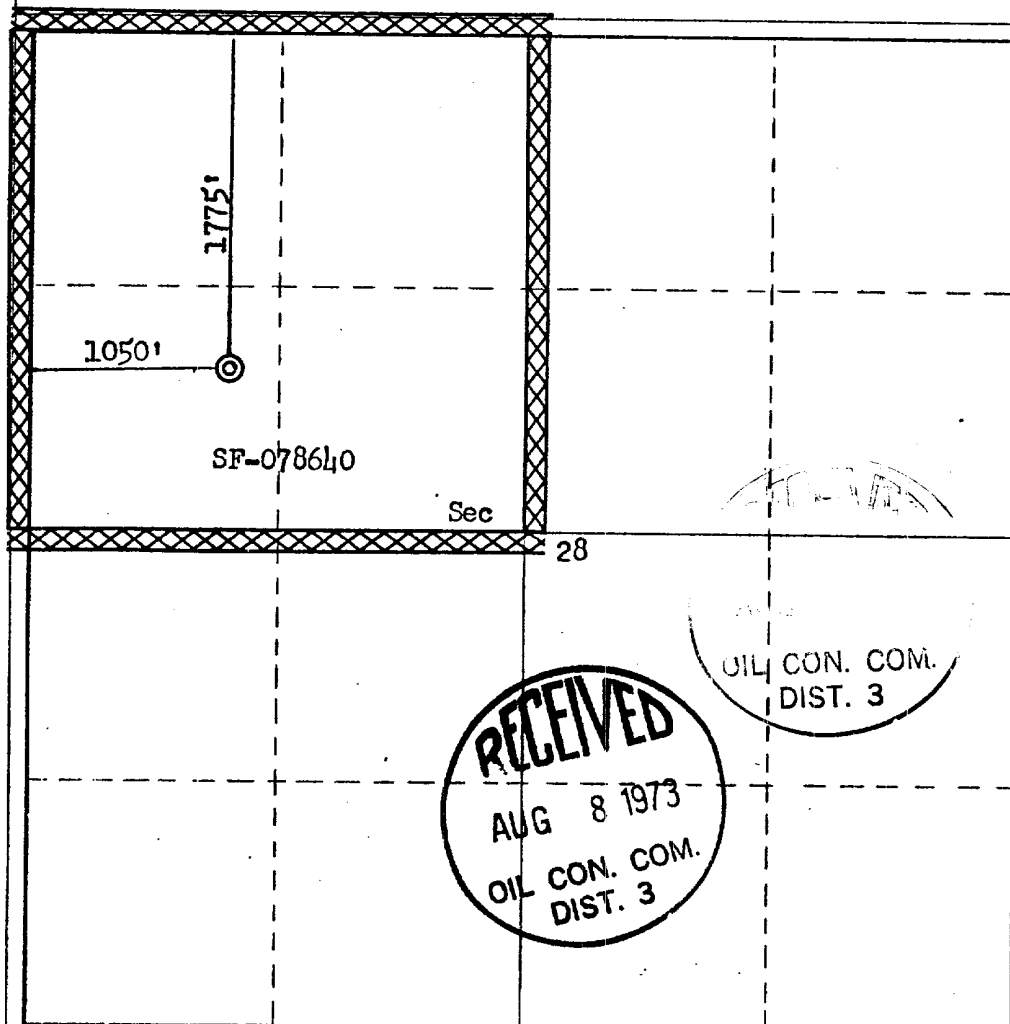
Operator <b>El Paso Natural Gas Company</b>			Lease <b>San Juan 28-7 Unit (SF-078640)</b>		Well No. <b>175</b>
Unit Letter <b>E</b>	Section <b>28</b>	Township <b>27N</b>	Range <b>7W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well:					
<b>1775</b> feet from the <b>North</b> line and		<b>1050</b> feet from the <b>West</b> line			
Ground Level Elev. <b>6575</b>	Producing Formation <b>Pictured Cliff-Chacra</b>	Pool <b>UNDESIGNATED CHACRA</b>	Dedicated Acreage: <b>160.00 &amp; 160.00</b> acres		
		<b>SO. BLANCO PICTURED CLIFFS</b>			

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 **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.

Original Signed by  
**D. G. Brisco**

**Drilling Clerk**

**El Paso Natural Gas Co.**

**August 6, 1973**

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

**July 25, 1973**

Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.

**3950**