

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

1500'N, 1450'E

At proposed prod. zone

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

## 5. LEASE DESIGNATION AND SERIAL NO.

SF 080669

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

San Juan 27-4 Unit

## 8. FARM OR LEASE NAME

San Juan 27-4 Unit

## 9. WELL NO.

105

## 10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde  
Tapacito Pictured Cliffs11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREASec. 19, T-27-N, R-4-W  
NMPM

## 12. COUNTY OR PARISH

Rio Arriba

## 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

320.00 and 160.00

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.19. PROPOSED DEPTH  
6140'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6833'

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

## 23.

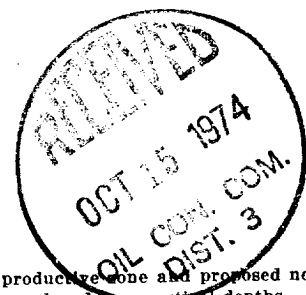
## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	224 cu. ft. to circulate
8 3/4"	7"	20#	3995'	180 cu. ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	3895-6140'	310 cu. ft. to fill to 3895'

Revised to Dual Completion - Single Pictured Cliffs application approved September 24, 1974.

Selectively perforate and sandwater fracture the Pictured Cliffs and Mesa Verde formations.

The E/2 of Section 19 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 M. P. BriscoTITLE Drilling ClerkDATE October 9, 1974

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



OCT 11 1974

\*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

MEXICO OIL CONSERVATION COMMISS  
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 27-4 Unit (SF-080669)</b>		Well No. <b>105</b>
Unit Letter <b>G</b>	Section <b>19</b>	Township <b>27N</b>	Range <b>4W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>1500</b> feet from the <b>North</b> line and</span> <span><b>1450</b> feet from the <b>East</b> line</span> </div>					
Ground Level Elev. <b>6833</b>	Producing Formation <b>Mesa Verde Pictured Cliffs</b>	Pool <b>Blanco Mesa Verde Tapacito Pictured Cliffs</b>	Dedicated Acreage: <b>320.00 &amp; 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 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.  
**NOTE: THIS PLAT REISSUED TO SHOW DUAL COMPLETION. 10-1-74**

**CERTIFICATION**

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

*A. J. Duico*

Name  
**Drilling Clerk**

Position  
**El Paso Natural Gas Company**

Company  
**October 2, 1974**

Date  
**RECEIVED**  
**OCT 11 1974**

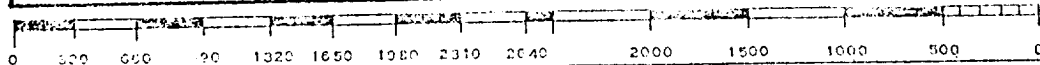
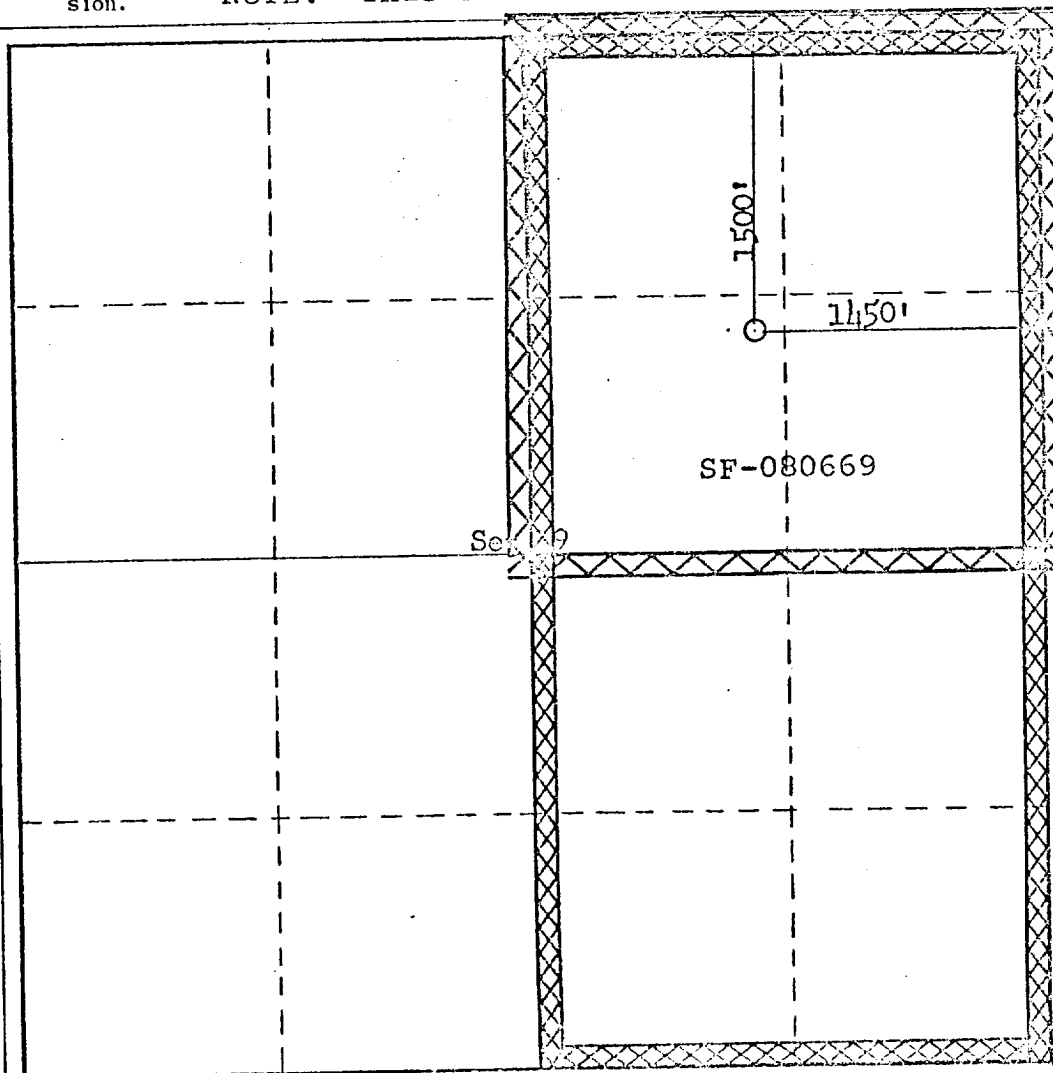
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**April 21, 1974**

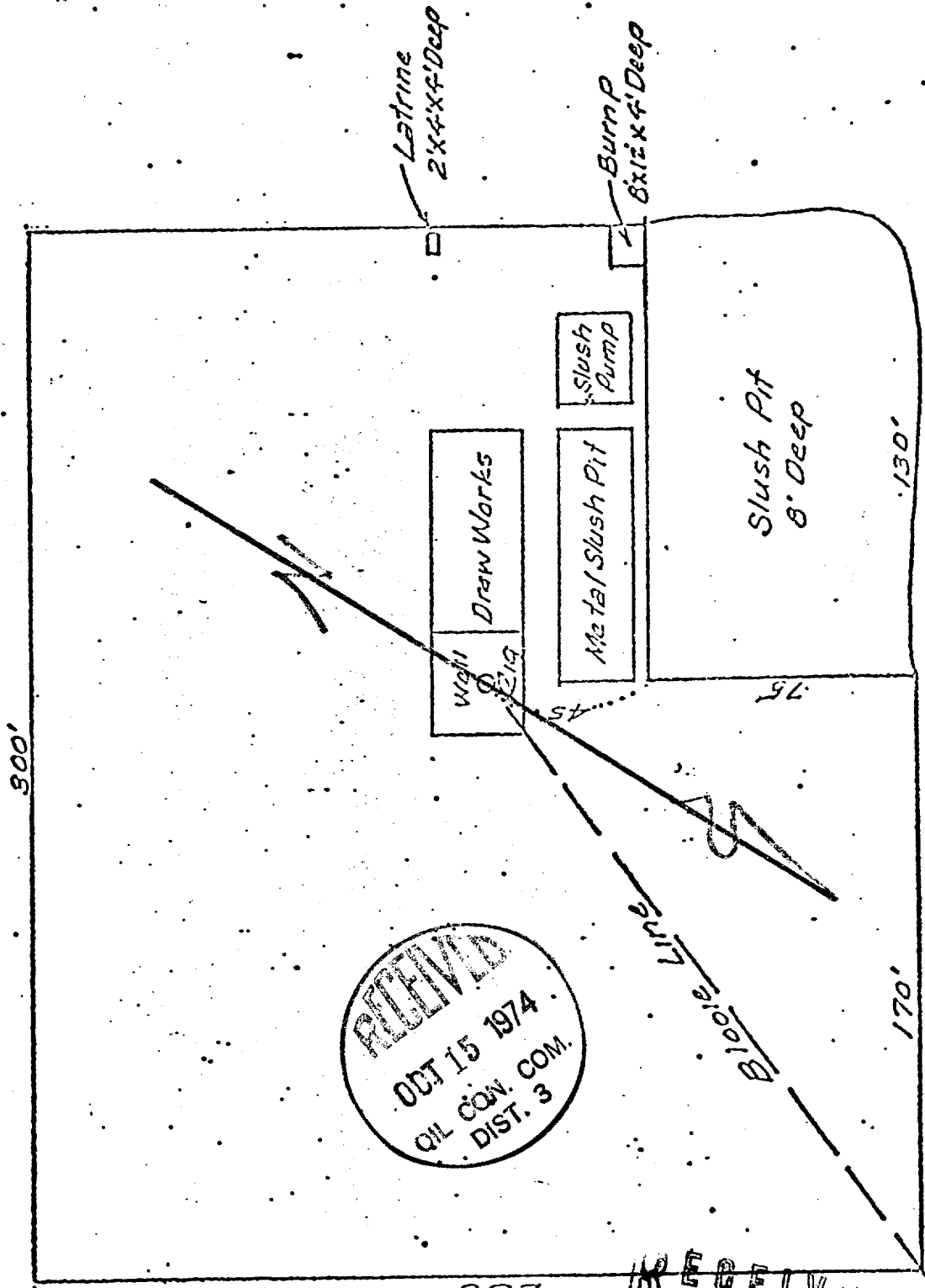
Registered Professional Engineer and/or Land Surveyor

*Fred B. Kord Jr.*  
**Fred B. Kord Jr.**

Certificate No.  
**3950**



SAN JUAN 27-4 UNIT #105  
(REVISED PLAT)



RECEIVED  
OCT 15 1974  
OIL CON. COM.  
DIST. 3

RECEIVED

OCT 11 1974

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.