

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-21031

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

1850'S, 1690'W

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. 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  
6170'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DT, RT, GR, etc.)  
6719'

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"	20.0#	3900'	200 cu. ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	3800-6170'	320 cu. ft. to fill to 3800'

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

Forest approval has been secured.

The W/2 of Section 8 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.

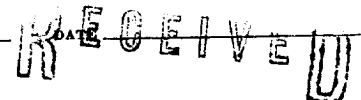
24. SIGNED A. G. Diacco TITLE Drilling Clerk DATE October 9, 1974

(This space for Federal or State office use)

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

APPROVED BY GA TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



OCT 11 1974

\*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

**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 27-4 Unit (SF-080673)</b>		Well No. <b>124</b>
Unit Letter <b>K</b>	Section <b>8</b>	Township <b>27N</b>	Range <b>4W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>South</b> line and <b>1690</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6719</b>	Producing Formation <b>Pictured Cliff-Mesa Verde</b>	Pool <b>Blanco Mesa Verde Tapacito P. C. Extension</b>		Dedicated Acreage: <b>160.0 &amp; 320.0</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 (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.

Name \_\_\_\_\_

**Drilling Clerk**

Position \_\_\_\_\_

**El Paso Natural Gas Company**

Company \_\_\_\_\_

Date \_\_\_\_\_

**OCT 11 1974**

**U. S. GEOLOGICAL SURVEY**

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 \_\_\_\_\_

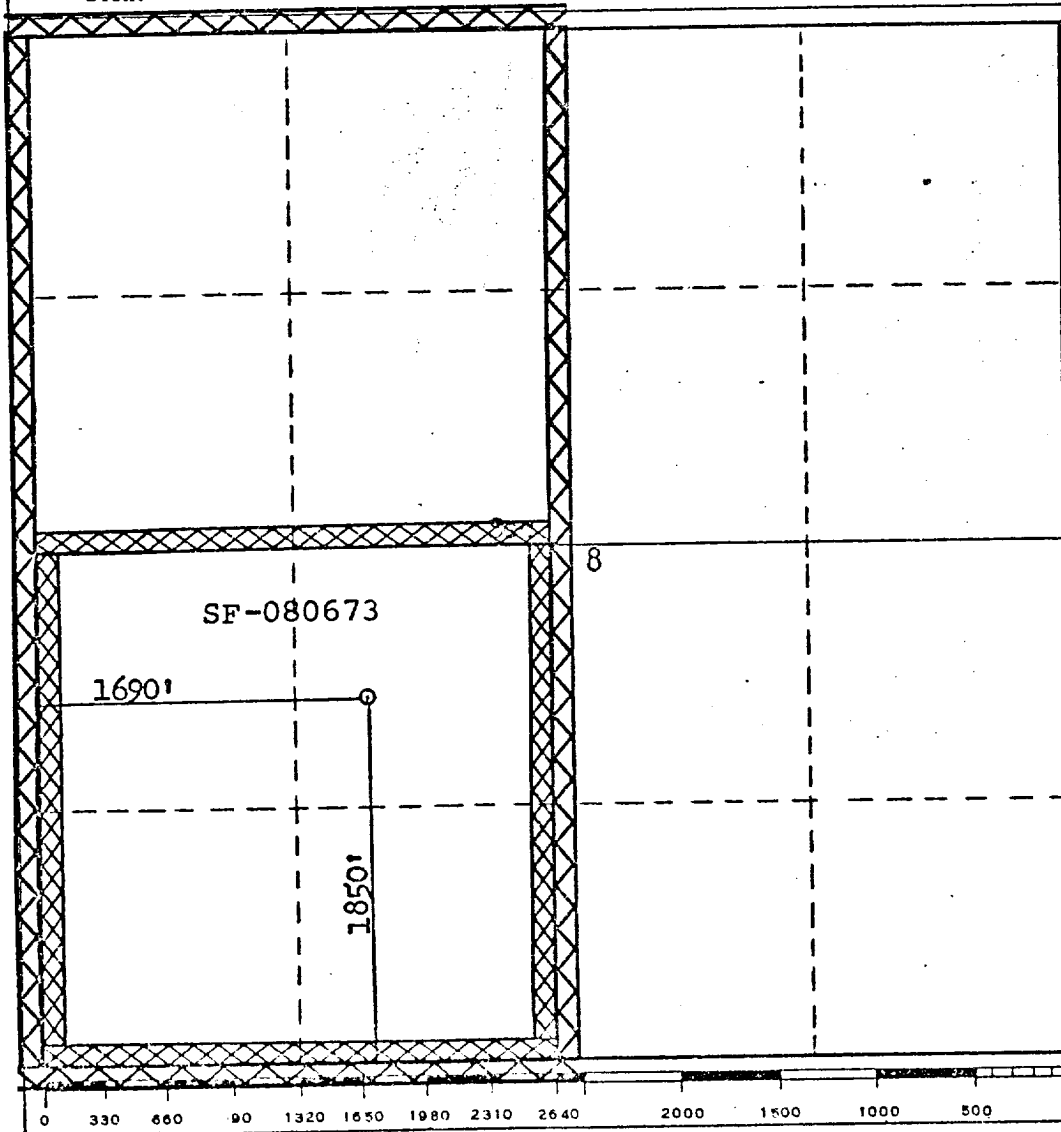
**April 21, 1974**

Registered Professional Engineer and/or Land Surveyor

**Fred B. Kerr, Jr.**

Certificate No. \_\_\_\_\_

**3950**



# El Paso Natural Gas Company

El Paso, Texas 79978

October 9, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 890  
FARMINGTON, NEW MEXICO 87401

Mr. Jerry Long  
U. S. Geological Survey  
Post Office Box 1809  
Durango, Colorado 81301

Re: Application for Permit to Drill  
San Juan 27-4 Unit #124  
SW/4 Section 8, T-27-N, R-4-W  
Tapacito Pictured Cliffs Ext. & Blanco Mesa Verde

Dear Mr. Long:

Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

The proposed new well location, new roads and new pipeline are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well.

Water for drilling and completion operations will be obtained from the following location: water hole located in NE/4 Section 18, T-27-N, R-4-W.

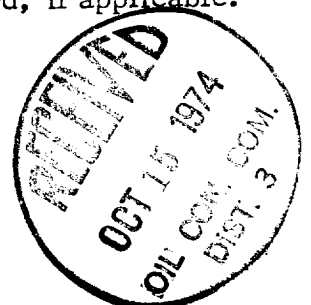
Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed, if applicable.

Yours very truly,

*D. G. Brisco*

D. G. Brisco  
Drilling Clerk

pb

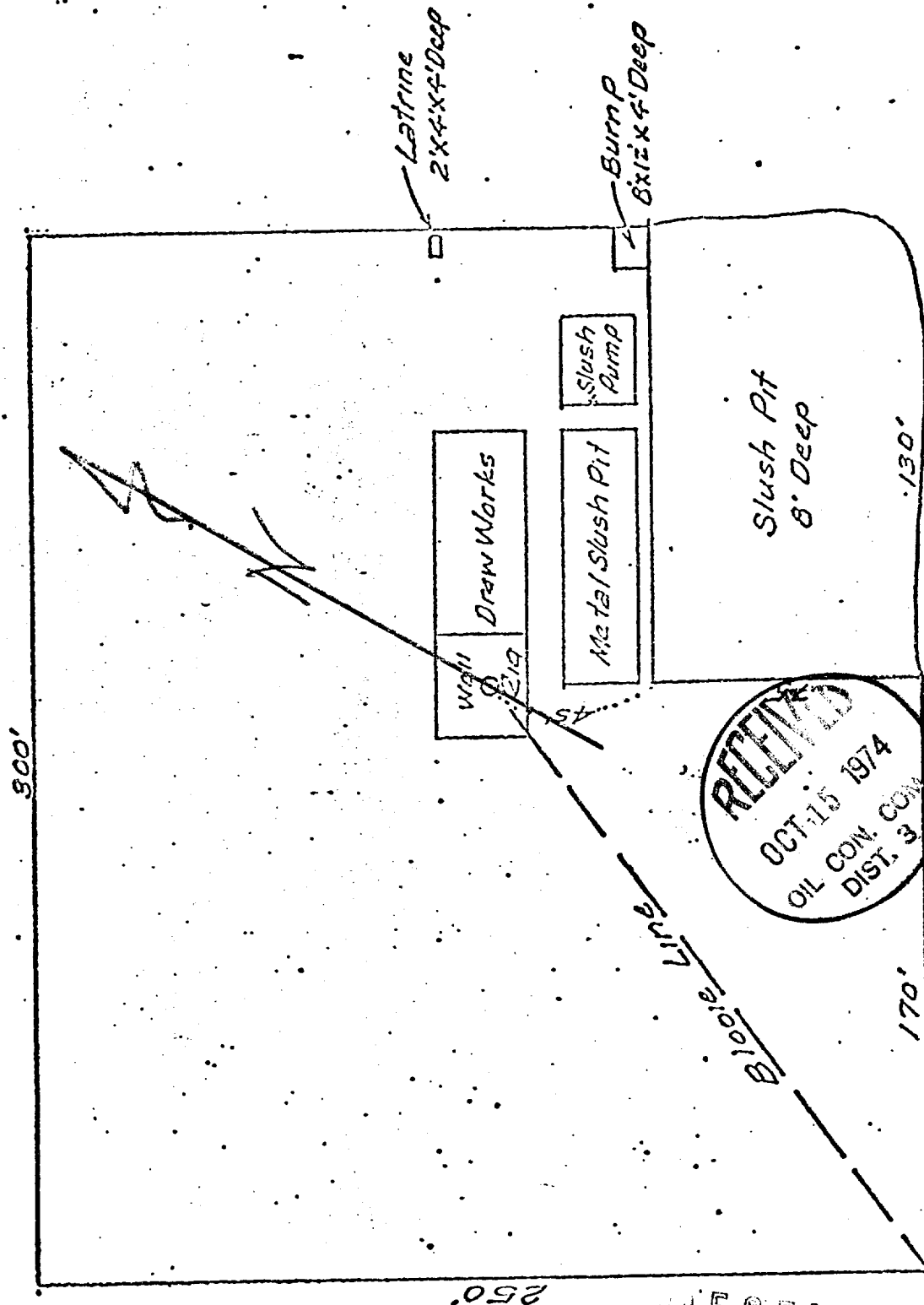


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U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

SAN JUAN 27-4 UNIT #124



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OIL CON. COM.  
DIST. 3

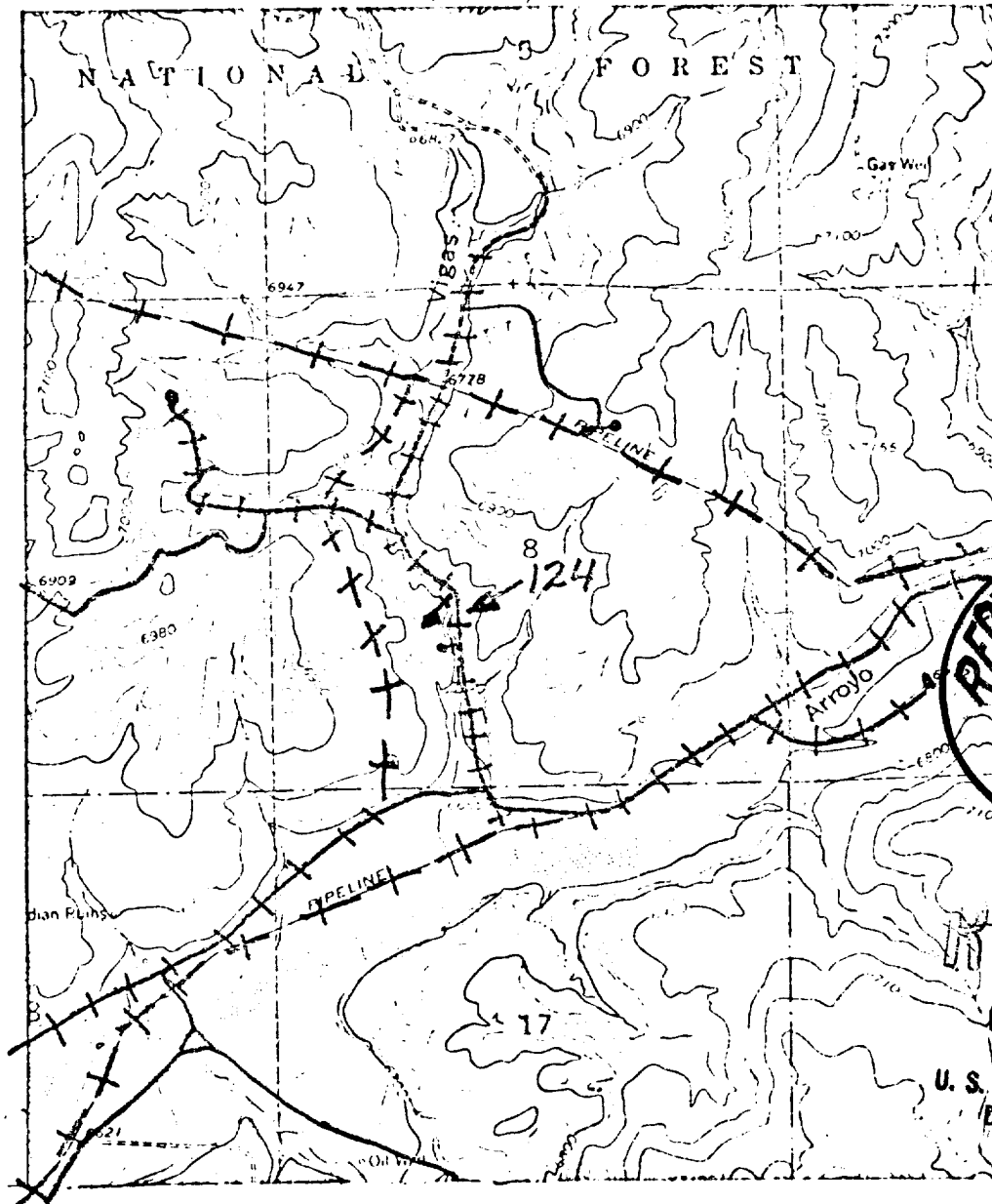
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U. S. GEOLOGICAL SURVEY  
DURHAM, N.C.

San Juan 27.4 Unit # 124  
 M.C. 571/1 Sec. 8, T-27-N, R-4-W

R. 4-W

1  
 27  
 71



#### LEGEND OF RIGHT-OF-WAYS

EXISTING ROADS	—
EXISTING PIPELINES	— + + —
EXISTING ROAD & PIPELINE	— + + —
PROPOSED ROADS	—
PROPOSED PIPELINES	+ + + +
PROPOSED ROAD & PIPELINE	+ + + +