

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-21033

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

At proposed prod. zone

1170'N, 830'E

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 grlg. 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

6410'

20. ROTARY OR CABLE TOOLS

Rotary

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

6954'GR

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#	4120'	190 cu. ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	4020-6410'	330 cu. ft. to fill to 4020'

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

Forest approval has been secured.

The E/2 of Section 7 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. Brices TITLE Drilling Clerk DATE October 9, 1974

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY ga TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OCT 11 1974

*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY
BUREAU OF OIL CONSERVATION

**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.

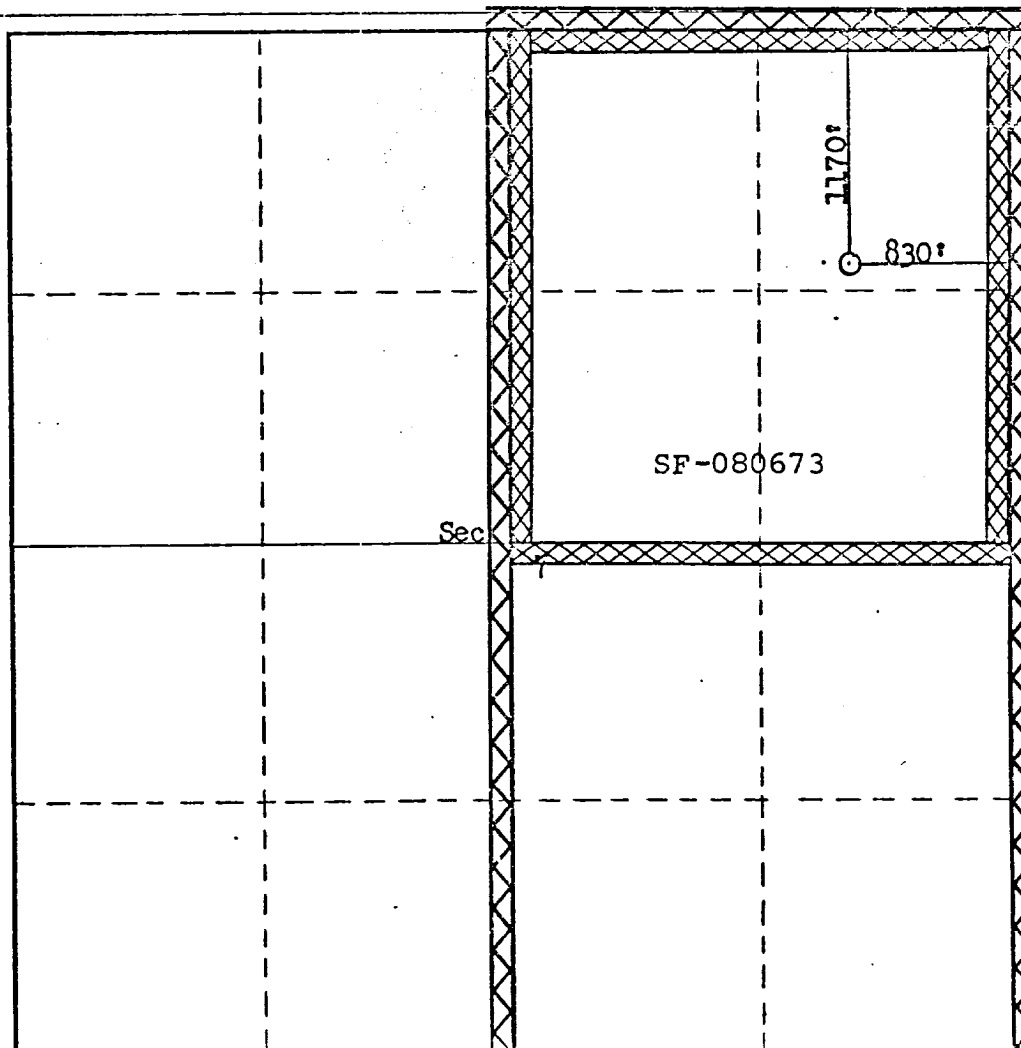
Operator El Paso Natural Gas Company			Lease San Juan 27-4 Unit (SF-080673)		Well No. 123
Unit Letter A	Section 7	Township 27N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 1170 feet from the North line and 830 feet from the East line					
Ground Level Elev. 6954	Producing Formation Pictured Cliff-Mesa Verde		Pool Blanco Mesa Verde Tapacito P. C. Extension	Dedicated Acreage: 160.00 & 320.00	

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 ~~the~~ 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.

A. H. Lucas

Name _____
Position **Drilling Clerk**
Company **El Paso Natural Gas Co.**

Date **October 9, 1974**

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 18, 1974

Registered Professional Engineer and/or Land Surveyor

Fred B. Kern, Jr.
Fred B. Kern, Jr.

Certificate No.
3950

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

El Paso Natural Gas Company

El Paso, Texas 79978

October 9, 1974

ADDRESS REPLY TO
POST OFFICE BOX 990
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 #123
NE/4 Section 7, 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.

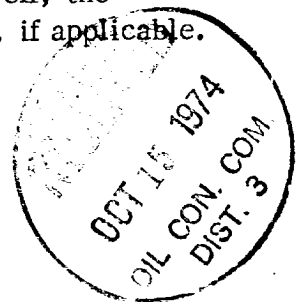
Water for drilling and completion operations will be obtained from the following location: a water hole located in the NE/4 Section 18, T-27-N, R-4-W.

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
Drilling Clerk



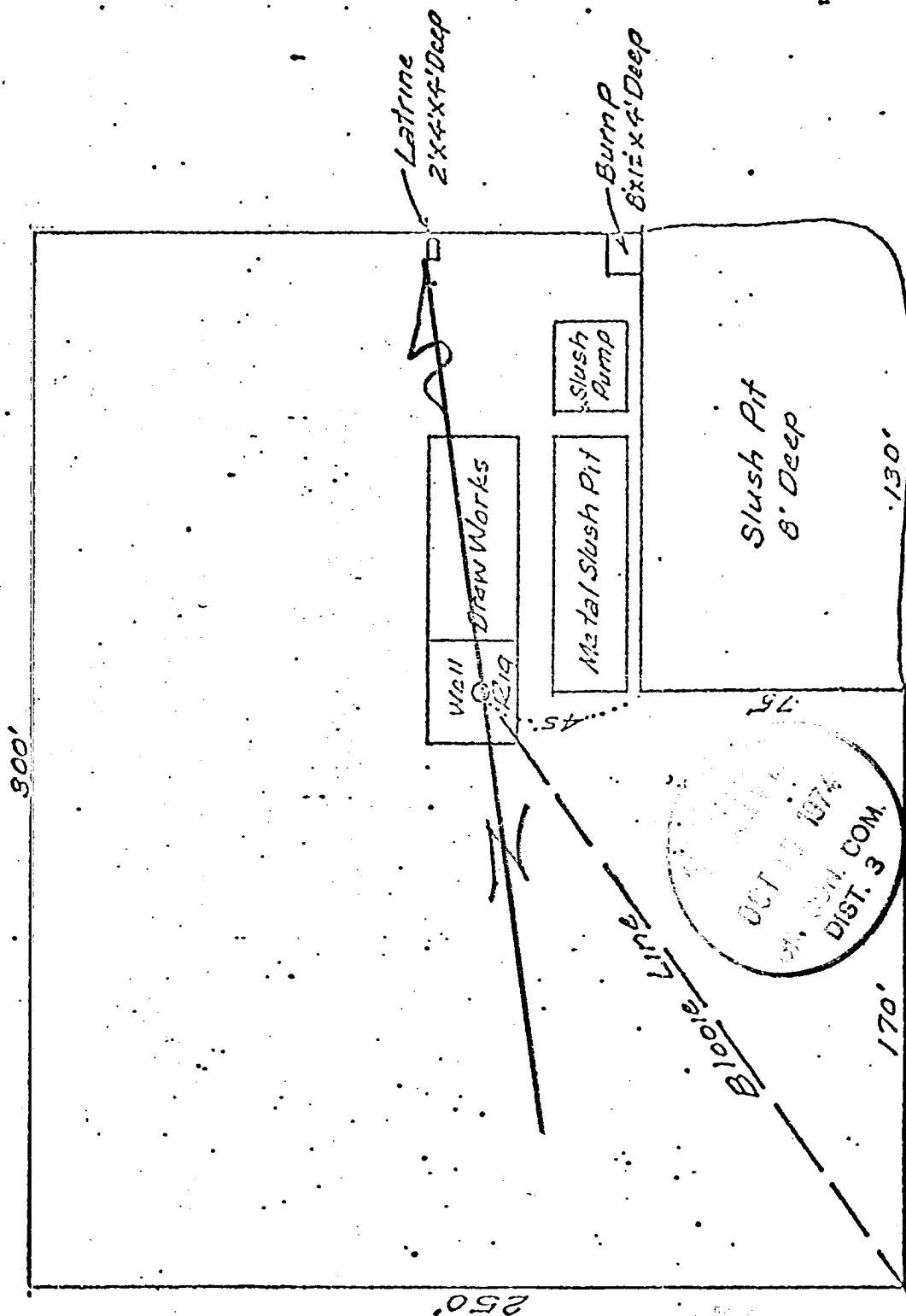
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RECEIVED

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U. S. GEOLOGICAL SURVEY
DURANGO

SAN JUAN 27-4 UNIT #123



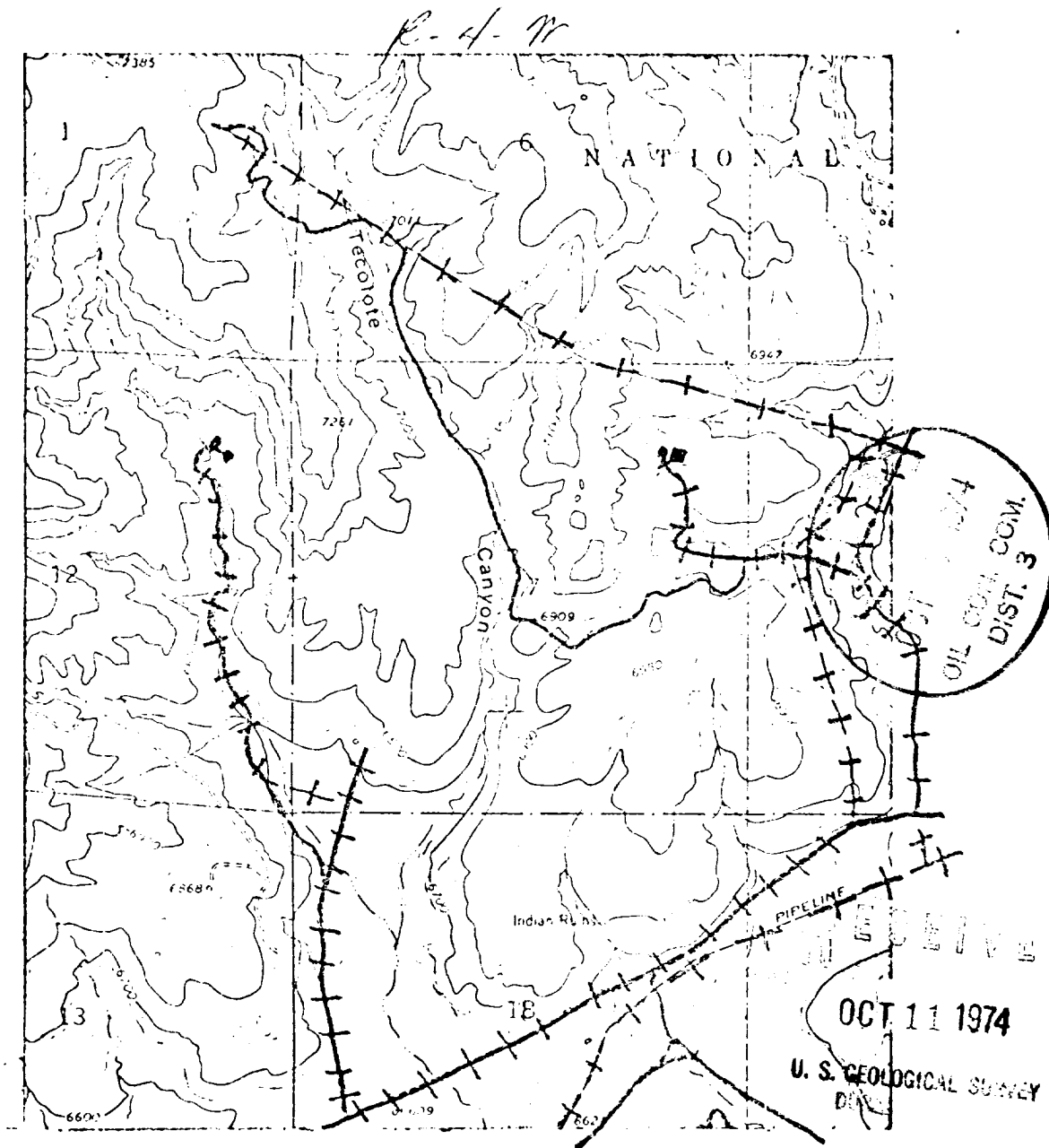
RECEIVED

OCT 11 1974

U. S. GEOLOGICAL SURVEY
DURHAM

San Juan 29.4 Unit #123
 NE 1/4 Sec. 7, T-27 N, R-4 W

1
 27
 W



LEGEND OF RIGHT-OF-WAYS

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