

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045 21679

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

980'S, 1460'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 drlg. unit line, if any)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

6387'GL

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

328.00

160

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
13 3/4"	9 5/8"	32.3#	200'	210 cu.ft. to circulate
8 3/4" & 7 7/8"	4 1/2"	10.5#	6800'	1594 cu.ft. - 3 stages

1st stage - 283 cu.ft. to cover to 5800'.

2nd stage - 545 cu.ft. to cover Mesa Verde.

3rd stage - 766 cu.ft. to cover Ojo Alamo.

Selectively perforate and sandwater fracture the Gallup formation.

The SW/4 of Section 17 is dedicated to this well.

RECEIVED

JAN 15 1975

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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. G. Buies

TITLE

Drilling Clerk

DATE

January 15, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

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.

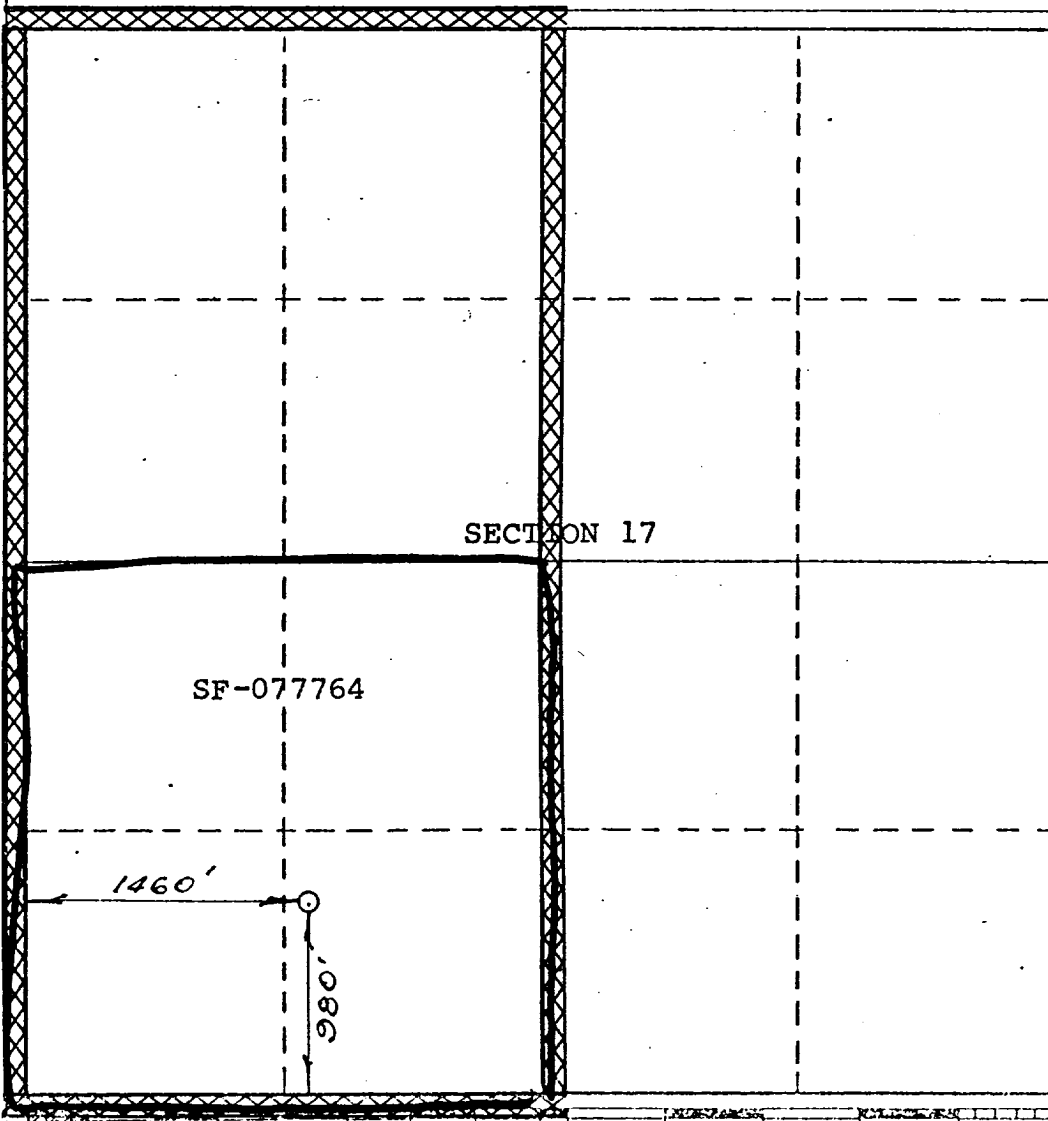
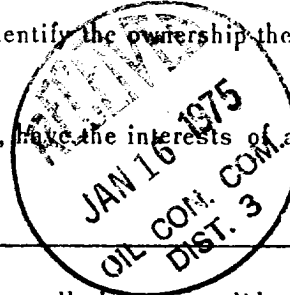
Operator EL PASO NATURAL GAS COMPANY			Lease SCHUMACHER (SF-077764)		Well No. 13
Unit Letter N	Section 17	Township 30-N	Range 10-W	County SAN JUAN	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 980 feet from the SOUTH line and 1460 feet from the WEST line </div>					
Ground Level Elev. 6387	Producing Formation GALLUP	Pool UNDESIGNATED GALLUP		Dedicated Acreage: 320.00 160 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 _____

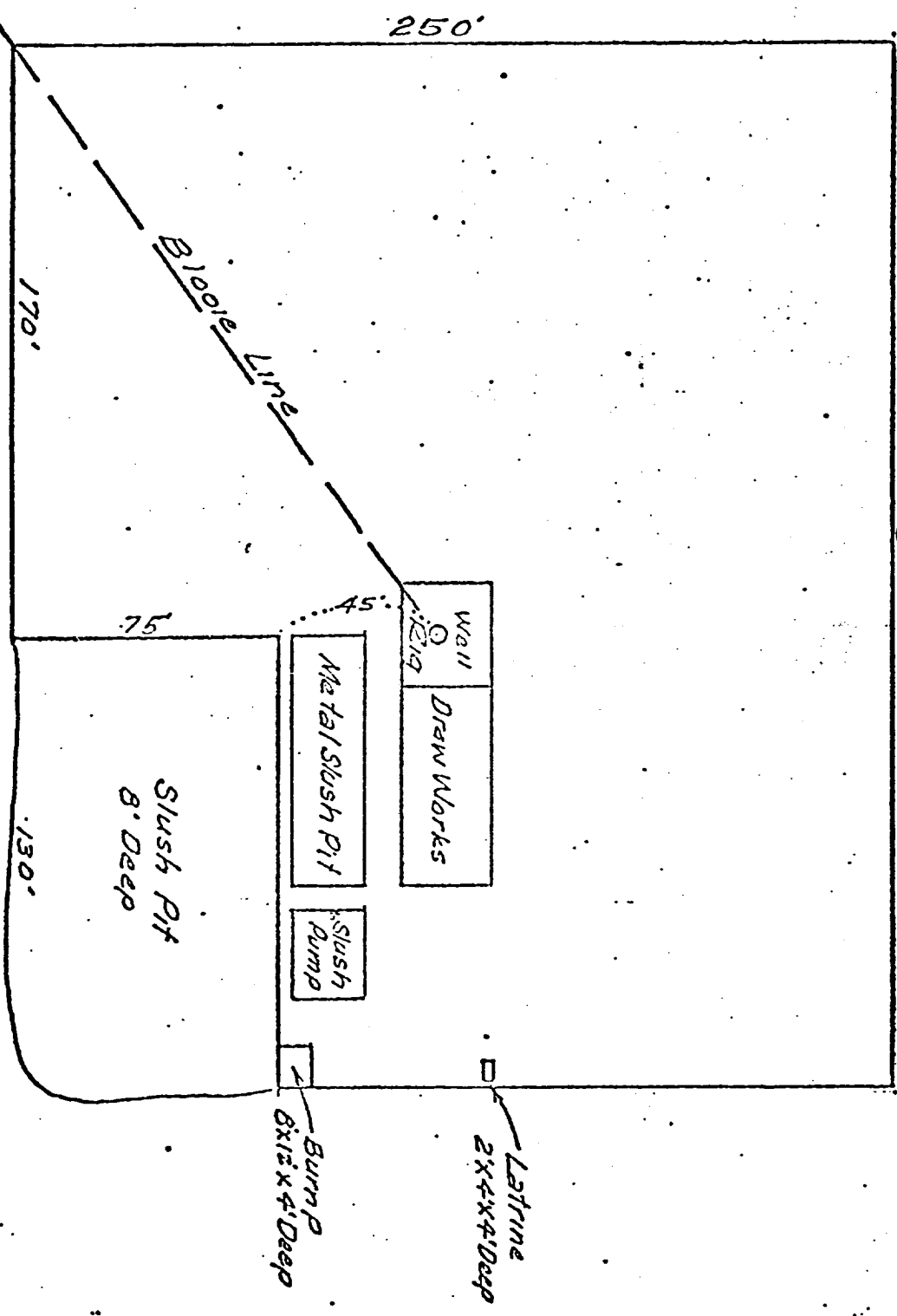
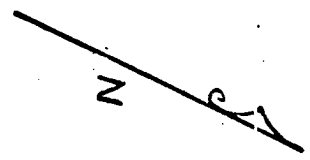
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

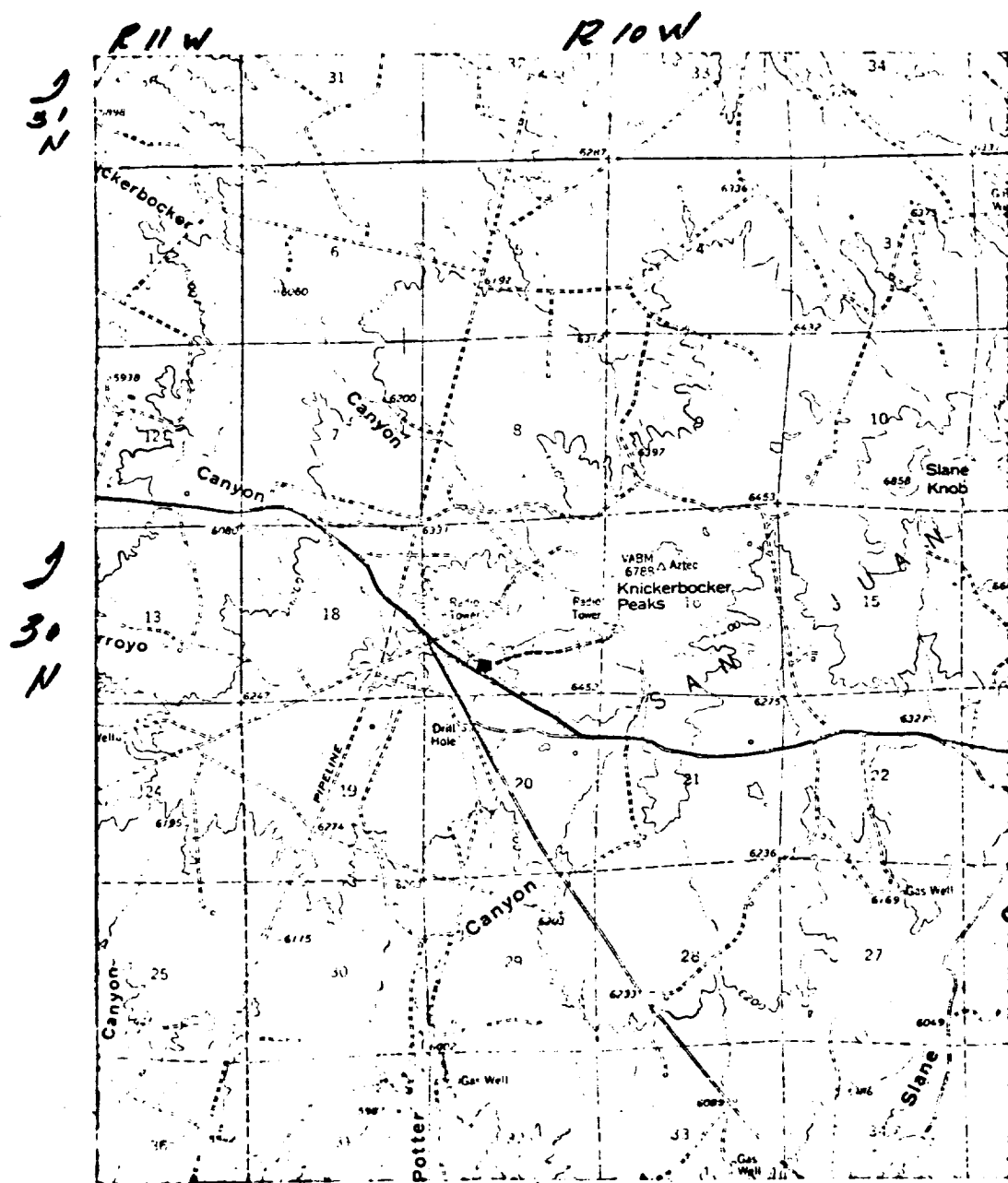


CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Original Signed by D. G. Brisco	
Name	D. G. Brisco
Position	El Paso Natural Gas Co.
Company	January 15, 1975
Date	
I hereby certify that the well location shown on this 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	NOVEMBER 4, 1974
Registered Professional Engineer and/or Land Surveyor <i>David Wilburn</i>	
Certificate No.	1760

SCHUMACHER No 13
800'



Schumacher #13
 SE 1/4 Sec. 17, T-30-N, R-10-W



LEGEND OF RIGHT-OF-WAYS

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

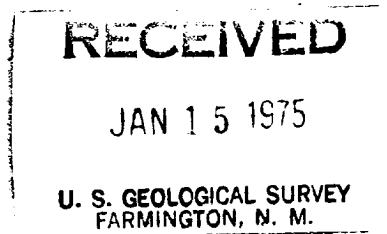
El Paso Natural Gas Company

El Paso, Texas 79978

January 15, 1975

ADDRESS REPLY TO
POST OFFICE BOX 880
FARMINGTON, NEW MEXICO 87401

Mr. P. T. McGrath
U. S. Geological Survey
Post Office Box 959
Farmington, New Mexico 87401



Re: Application for Permit to Drill
Schumacher #13
SESW/4 Section 17, T-30-N, R-10-W
Undesignated Gallup

Dear Mr. McGrath:

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: Knickerbocker Butte Water Well, NESE 23-30-10.

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,

A handwritten signature in cursive script that reads "D. G. Brisco".

D. G. Brisco
Drilling Clerk

pb

