

UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY **API 30-039-21180**

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

1130'W, 1010'S

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 dirg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5955'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

S 282.48

20. ROTARY OR CABLE TOOLS

Rotary

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

6546' DF est.

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#	3715'	240 cu.ft. to Ojo Alamo
6 1/4"	4 1/2"	10.5#	3565-5955'	416 cu.ft. to fill to liner top at 3565'

Selectively perforate and sandwater fracture the Mesa Verde.

A 3000 psi WP and 6000 psi test double gate preventer equipped with
blind and pipe rams will be used for blow out prevention on this well.

The S/2 of Section 12 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. J. Suarez

TITLE

Drilling Clerk

DATE

February 3, 1976

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Okal

*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.

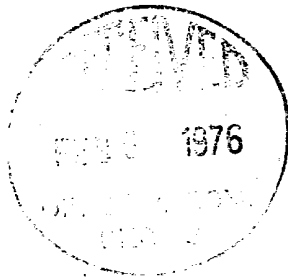
Operator EL PASO NATURAL GAS COMPANY			Lease SAN JUAN 28-6 UNIT (NM-05493)		Well No. 20R
Unit Letter M	Section 12	Township 28-N	Range 6-W	County RIO ARriba	
Actual Footage Location of Well: 1010 feet from the SOUTH line and 1130 feet from the WEST line					
Ground Level Elev. 6536	Producing Formation MESA VERDE		Pool BLANCO MESA VERDE /		Dedicated Acreage: 282.48 / 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.

Original Signed by

D. G. Brisco

Name

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

February 3, 1976

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.

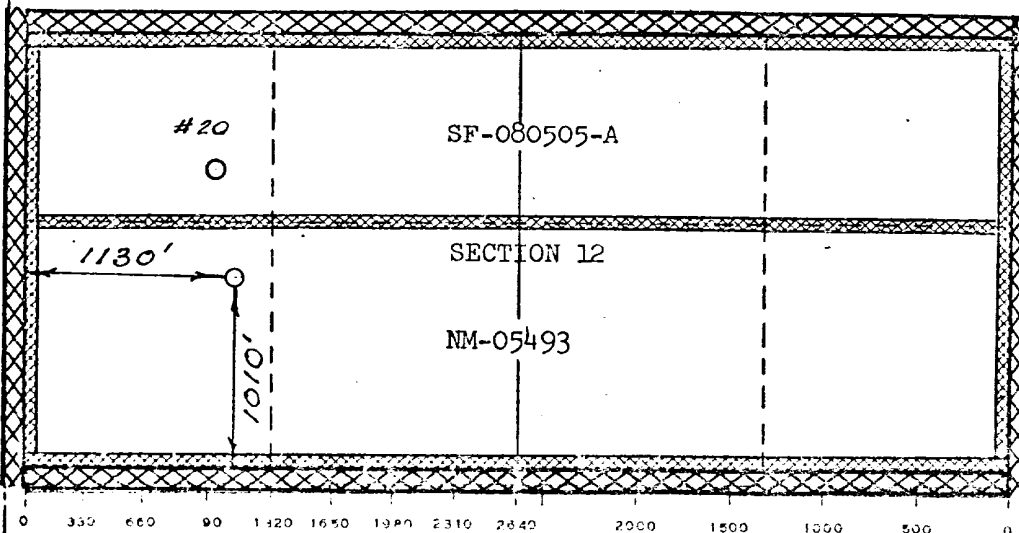
Date Surveyed

JANUARY 19, 1976

Registered Professional Engineer
and/or Land Surveyor

[Signature]

Certificate No. **1760**



February 3, 1976

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

Re: Application for Permit to Drill
San Juan 28-6 Unit #20R
SW Section 12, T-28-N, R-6-W
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.

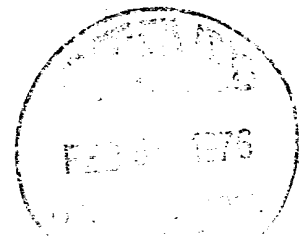
Water for drilling and completion operations will be obtained from the San Juan 29-6 Water Well located in Section 28, T-29-N, R-6-W.

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

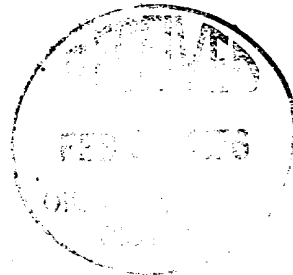
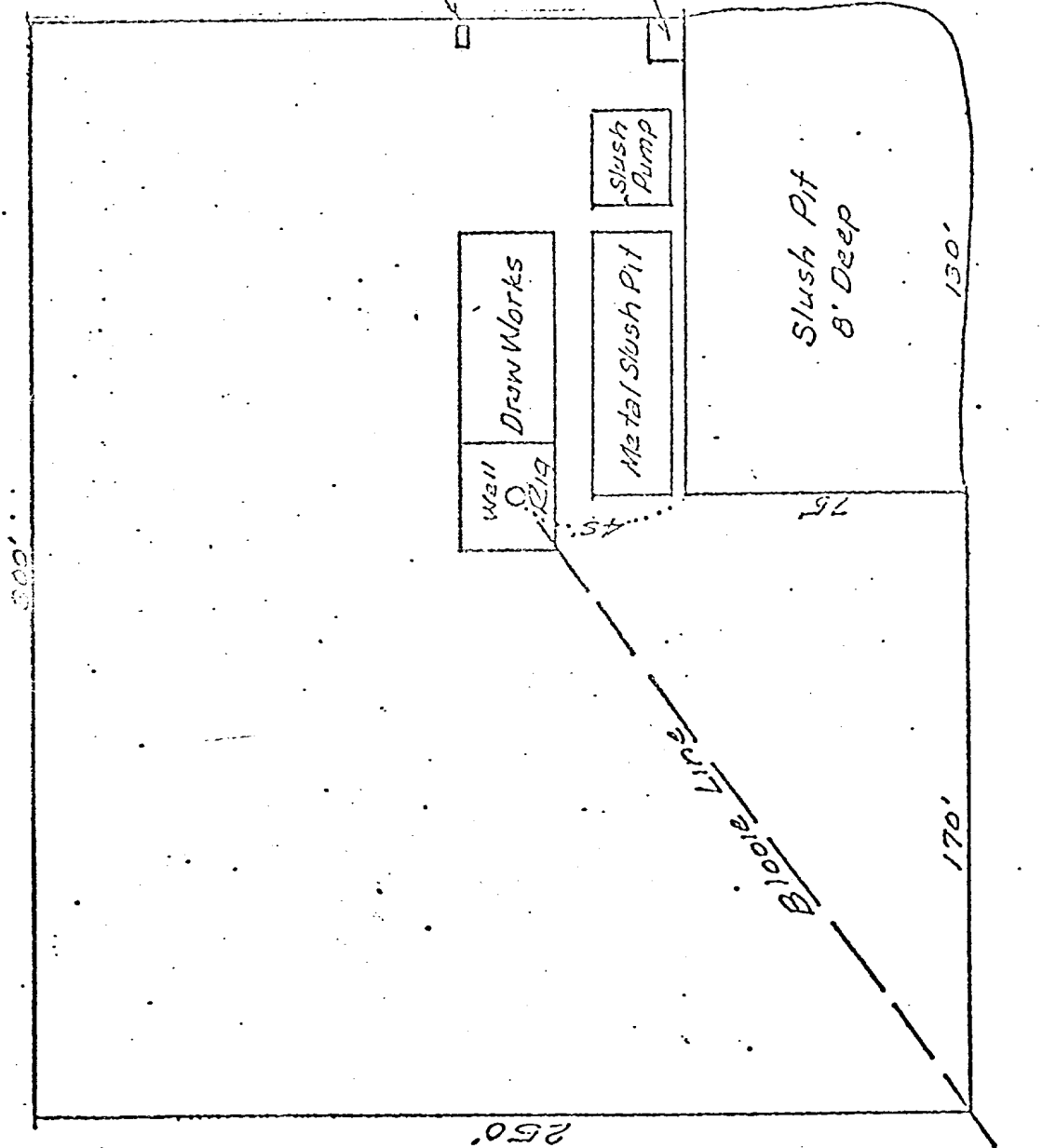


DGB:pb

att.

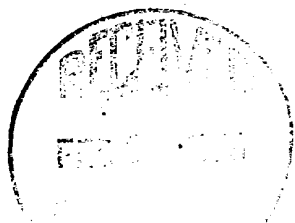
LOCATION AND EQUIPMENT LAY-OUT

San Juan 23-6 Unit #20-R



Topographic map of the Four Mile Canyon area. The map shows terrain contours, roads, and landmarks. Key features include:

- GOVERNADOR**: A large area labeled at the top right.
- FOUR MILE CANYON**: The central area of the map.
- PIPE LINE**: A dashed line running across the top right.
- W.C.**: Water Course, indicated by a dashed line on the right side.
- Handwritten Notes**: "R-6-W" and "R-5-W" at the top.
- Elevation Points**: Numerous numerical values (e.g., 6356, 6381, 6418, 6470, 6453, 6429, 6439, 6500, 6520, 6530, 6540, 6550, 6560, 6570, 6580, 6590, 6600, 6610, 6620, 6630, 6640, 6650, 6660, 6670, 6680, 6690, 6700, 6710, 6720, 6730, 6740, 6750, 6760, 6770, 6780, 6790, 6800, 6810, 6820, 6830, 6840, 6850, 6860, 6870, 6880, 6890, 6900, 6910, 6920, 6930, 6940, 6950, 6960, 6970, 6980, 6990, 7000) are scattered across the map.
- Other Markings**: A large "X" is drawn over the map, and a small "M" is marked near the bottom right.



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