

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21652

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 1460'S, 875'E

At proposed prod. zone

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

10. 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.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

6610'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320.00

20. ROTARY OR CABLE TOOLS

Rotary

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

6496'GL

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 |
|--------------|----------------|-----------------|---------------|--------------------------|
| 12 1/4" | 8 5/8" | 24.0# | 200' | 183 cu. ft. to circulate |
| 7 7/8" | 4 1/2" | 10.5# | 6610' | 1139 cu. ft. - 3 stages |

1st stage - 320 cu. ft. to cover Gallup formation.

2nd stage - 360 cu. ft. to cover Mesa Verde formation.

3rd stage - 459 cu. ft. to cover Ojo Alamo formation.

Selectively perforate and sandwater fracture the Dakota formation.

The E/2 of Section 18 is dedicated to this well.

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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

TITLE

Chief Division Drilling Engineer

DATE January 6, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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.

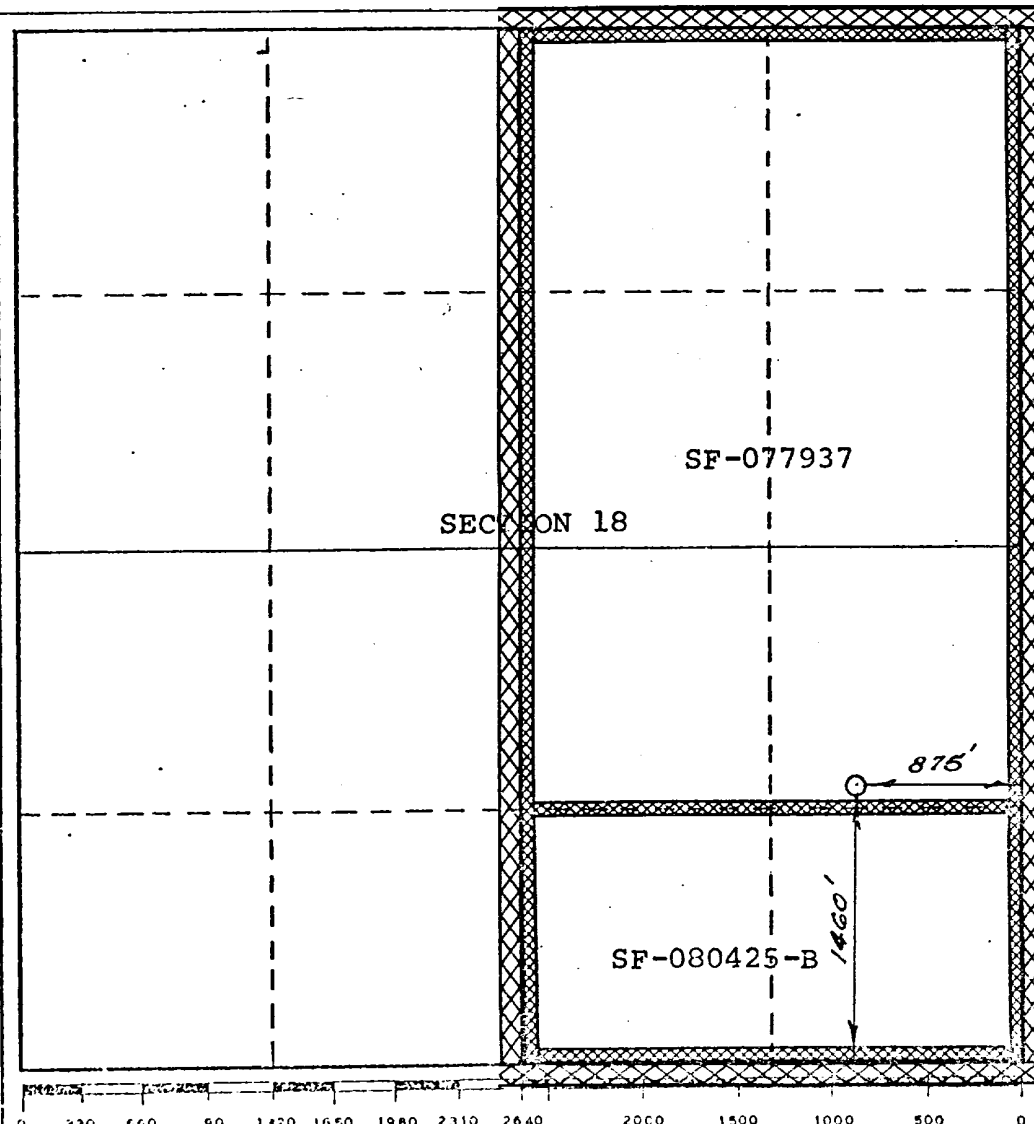
| | | | | |
|---|--------------------------------------|---|---|---------------------------|
| Operator EL PASO NATURAL GAS COMPANY | | Lease HUERFANO UNIT (SF-077937) | | Well No. 272 |
| Unit Letter I | Section 18 | Township 26-N | Range 10-W | County SAN JUAN |
| Actual Footage Location of Well: 1460 feet from the SOUTH line and 875 feet from the EAST line | | | | |
| Ground Level Elev. 6496 | Producing Formation DAKOTA | Pool BASIN DAKOTA | Dedicated Acreage: 320.00 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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:

L. O. Van Ryan

Name
Chief Division Engineer

Position
El Paso Natural Gas Co.

Company
January 7, 1975

Date

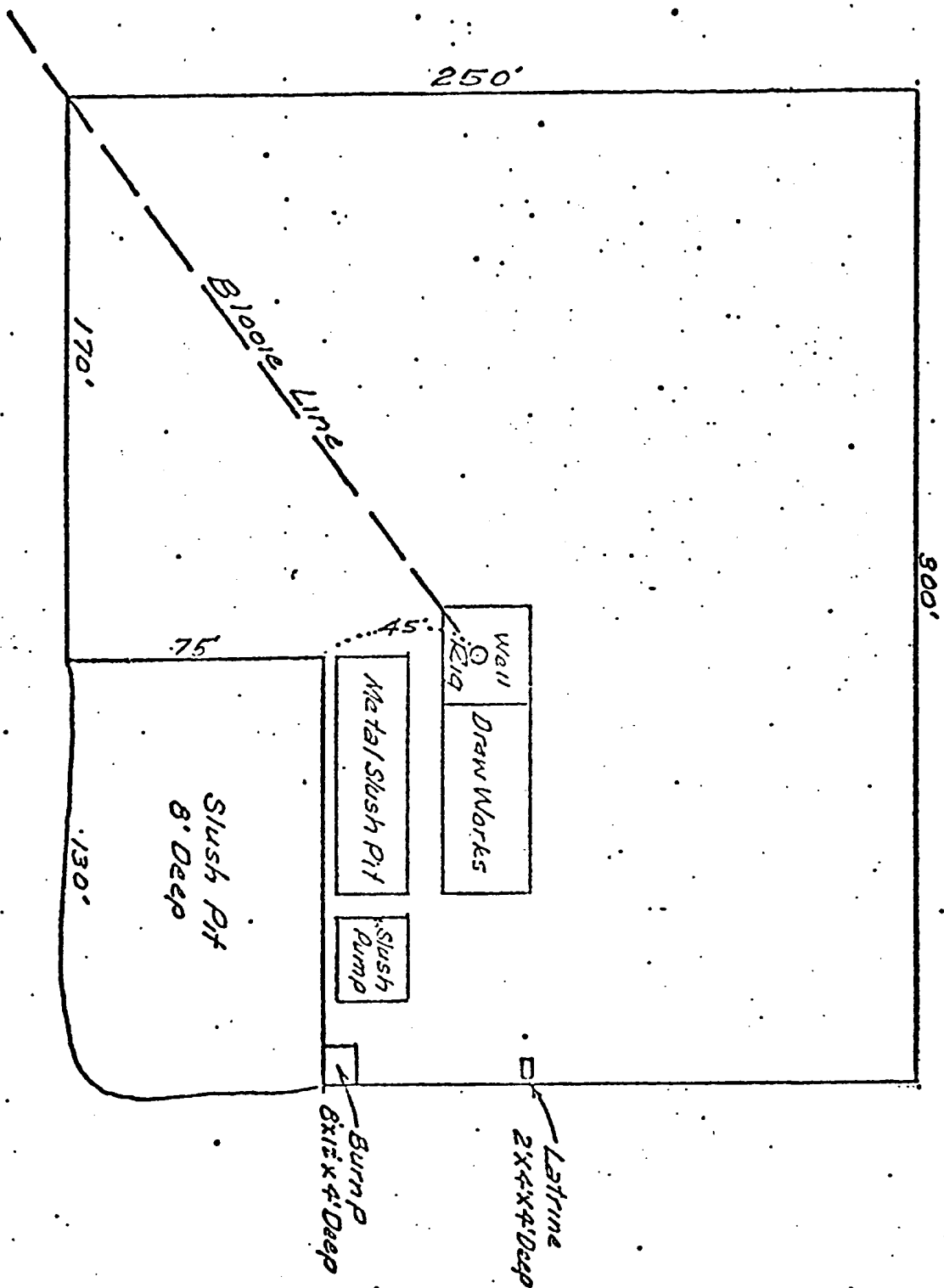
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
MAY 16, 1974

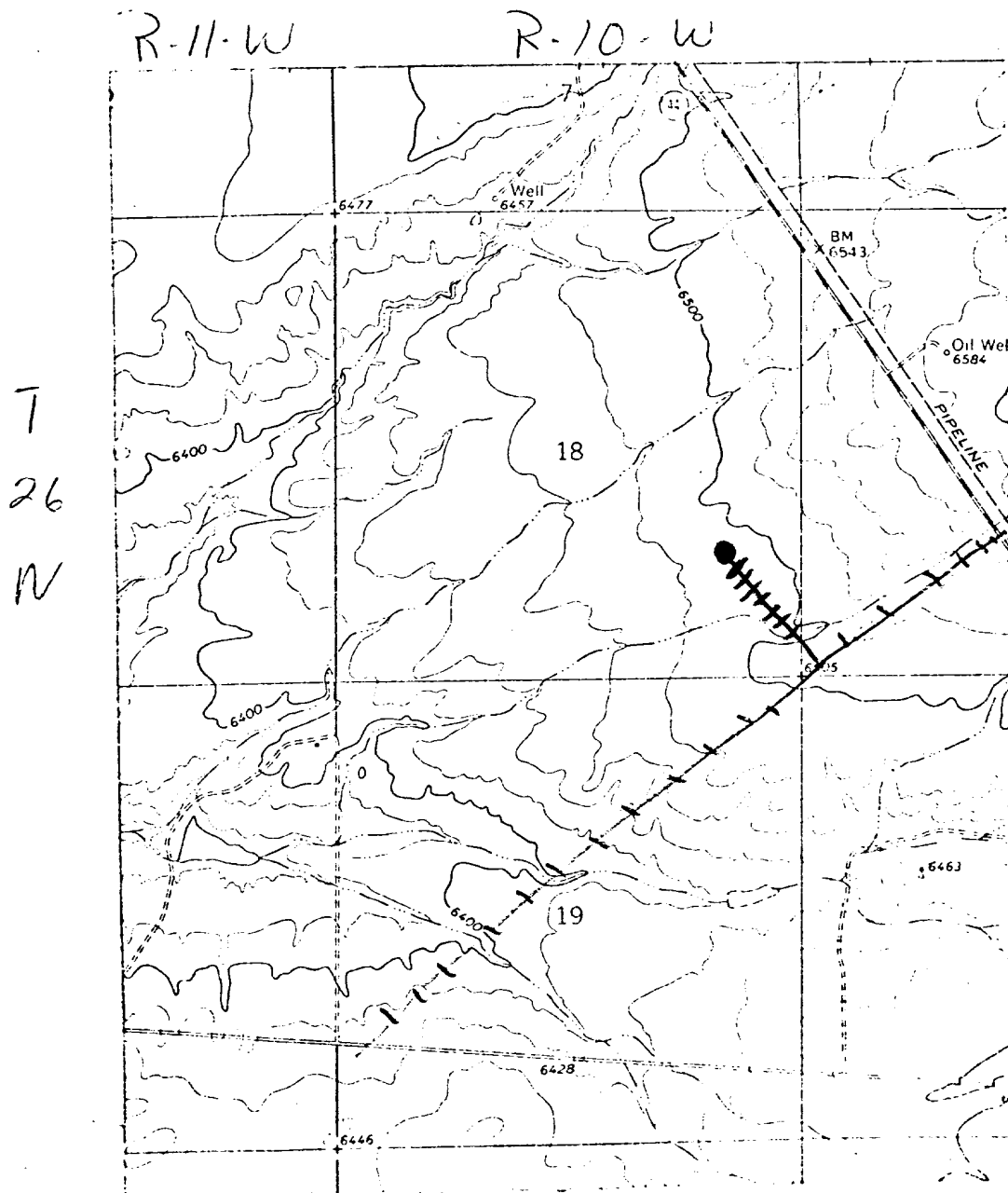
Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No. **1760**

HUERFANO UNIT No 272



Huerfano Unit No 272
 NWSW Sec 18, T-26-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 79974

January 7, 1975

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

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U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

Re: Application for Permit to Drill
Huerfano Unit #272
SE/4 Section 18, T-26-N, R-10-W
Basin Dakota

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: Huerfano Water Well #1, NESE 13-26-10.

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,



D. G. Brisco
Drilling Clerk

pb

Menefee Unit #072 1-1-0-1-17

El Paso Nat. Gas Co.

Basin Data

F Jan. 5, 1970 0-1-0-21032

F. Loc. 1410/S; 075/E Elev. 966 GL Spd. Comp. TD PB

Casing S. W Sx. Int. W Sx. Pr. W Sx. T. Prod. Stim.

T
R
A
N
S

BO/D MCF/D After Hrs. SICP PSI After Days GOR Grav. 1st Del. \$

| TOPS | | NITD | Well Log | TEST DATA | | | | | | | Ref. No. |
|-----------------|--|--------|--------------|-----------|----|---|----|----|---|--|----------|
| Fruitland | | C-103 | Plat | Schd. | PC | Q | PW | PD | D | | |
| Fruitland | | C-104 | Electric Log | | | | | | | | |
| Pictured Cliffs | | | C-122 | | | | | | | | |
| Cliff House | | Ditr | Dfa | | | | | | | | |
| Menefee | | Datr | Dac | | | | | | | | |
| Point Lookout | | E, 320 | | | | | | | | | |
| Mancos | | | | | | | | | | | |
| Gallup | | | | | | | | | | | |
| Sanostee | | | | | | | | | | | |
| Greenhorn | | | | | | | | | | | |
| Dakota | | | | | | | | | | | |
| Morrison | | | | | | | | | | | |
| Entrada | | | | | | | | | | | |

Basin Data Co. 50 S 1 T 21 R 1001 Oper. El Paso Co. Use Menefee Unit No. 072