

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21649

5. LEASE DESIGNATION AND SERIAL NO.

SF 077942-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Huerfano Unit

8. FARM OR LEASE NAME

Huerfano Unit

9. WELL NO.

270

10. FIELD AND POOL, OR W/LDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREASection 7, T-26-N, R-10-W
NMMPM

12. COUNTY OR PARISH

San Juan

13. STATE

NM

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

800'S, 1800'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)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

318.08

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6645'

20. ROTARY OR CABLE TOOLS

Rotary

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

6475'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#	6645'	1234 cu. ft. - 3 stages

1st stage - 346 cu. ft. to cover Gallup formation.

2nd stage - 413 cu. ft. to cover Mesa Verde formation.

3rd stage - 475 cu. ft. to cover Ojo Alamo formation.

Selectively perforate and sandwater fracture the Dakota formation.

The W/2 of Section 7 is dedicated to this well.

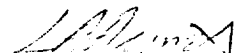
JAN 8 1975

U.S. GEOLOGICAL SURVEY

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

Drilling Engineer

DATE

Jan. 7, 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-120
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

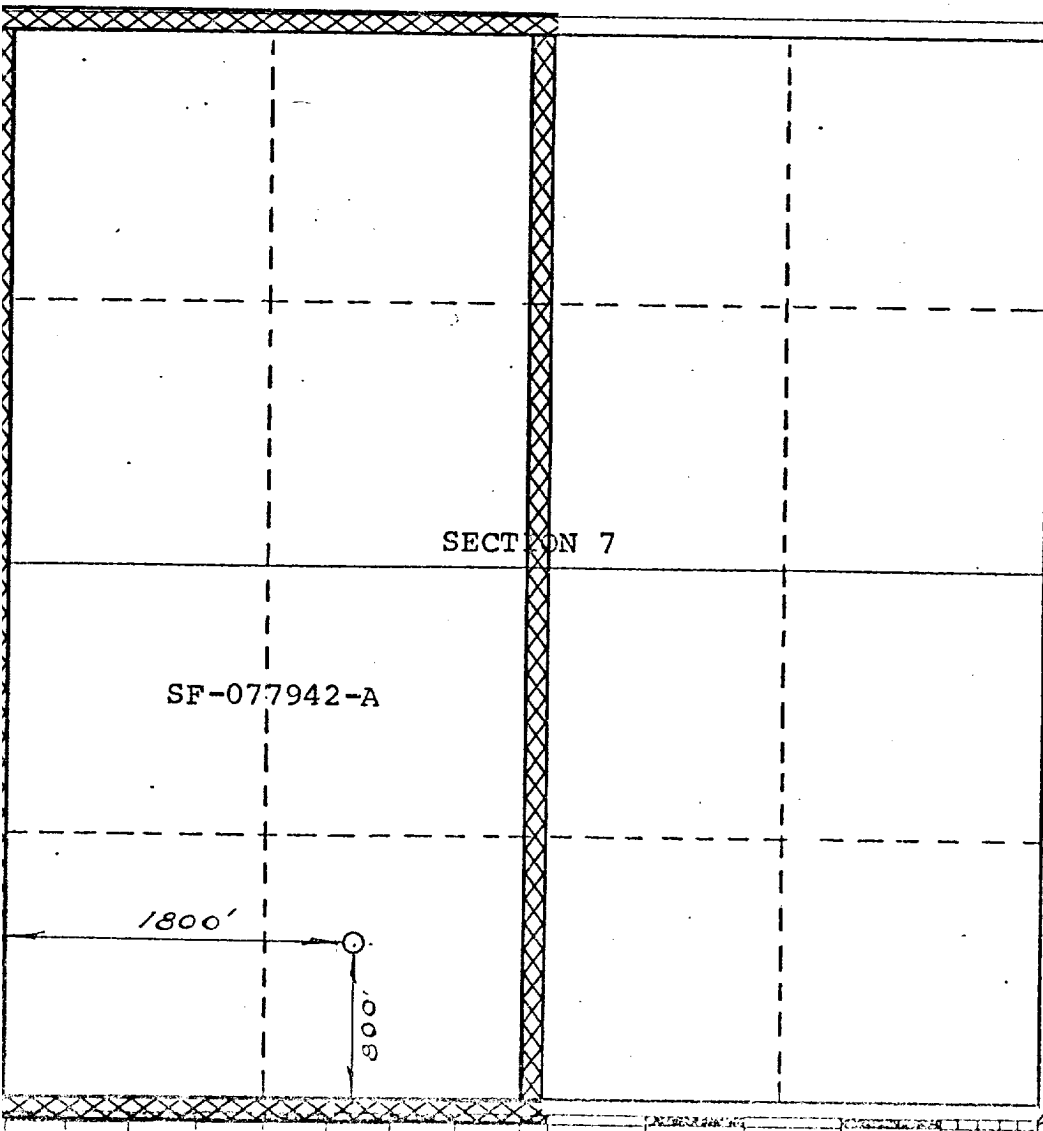
Operator EL PASO NATURAL GAS COMPANY		Lease HUERFANO UNIT (SF-077942-A)		Well No. 270
Unit Letter N	Section 7	Township 26-N	Range 10-W	County SAN JUAN
Actual Footage Location of Well: 800 feet from the SOUTH line and 1800 feet from the WEST line				
Ground Level Elev. 6475	Producing Formation DAKOTA	Pool BASIN DAKOTA	Dedicated Acreage: 318.08 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

Name **LARRY A. AIMES**

Position **Surveyor**

Company **El Paso Natural Gas Co.**

Date **May 10, 1974**

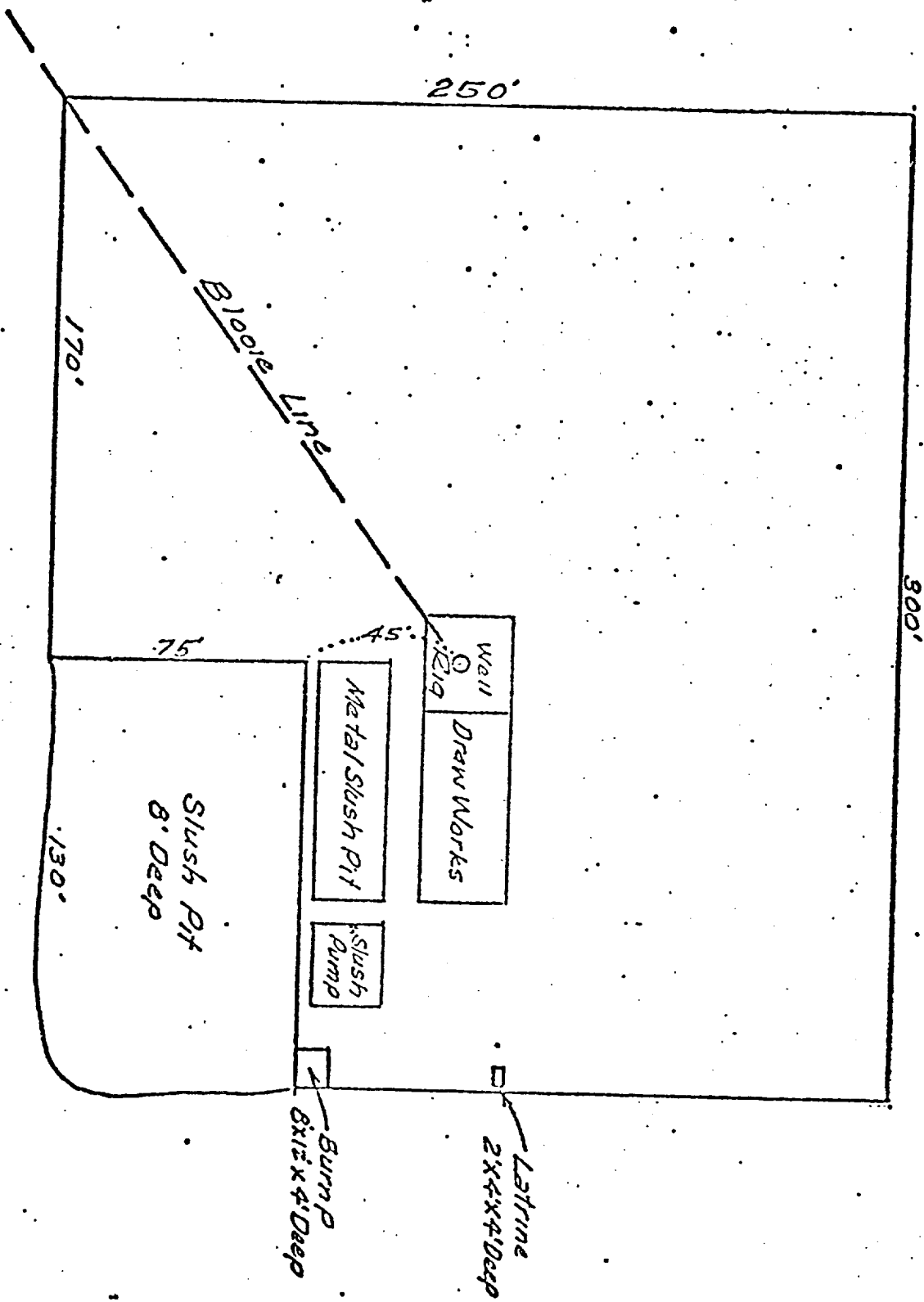
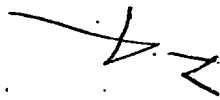
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
MAY 10, 1974

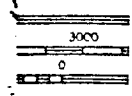
Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No. **1760**

HUERFANO UNIT No 270



7
26
IV



THIS MAP
GEOLOGICAL
DESCRIPTION

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 959
FARMINGTON NEW MEXICO 87401

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

JAN 8 1975

U. S. GEOLOGICAL SURVEY

Re: Application for Permit to Drill
Huerfano Unit #270
SW/4 Section 7, 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