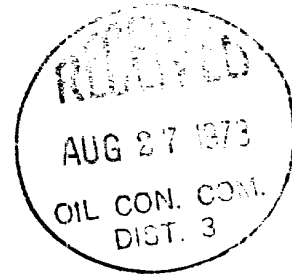


El Paso Natural Gas Company

El Paso, Texas 79075

August 24, 1973

ADDRESS REPLY TO:
POST OFFICE BOX 759
FARMINGTON, NEW MEXICO 87401



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

Re: Application for Permit to Drill
Huerfano Unit Com #118
NWSE/4 Section 30, T-27-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.

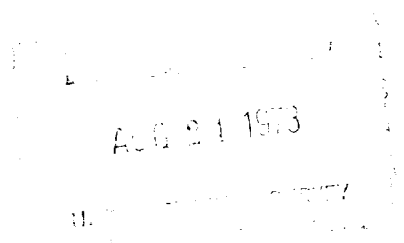
Water for drilling and completion operations will be obtained from the San Juan River. Waste material will be disposed of by burial in the burn pit, latrine, or reserve pit as applicable. There will be no camp nor air strip associated with drilling this well. Upon completion or abandonment of this well, the location will be cleaned and leveled and a dry hole marker placed, if applicable.

Yours truly,

A handwritten signature in cursive script, appearing to read "D. G. Brisco".

D. G. Brisco
Drilling Clerk

pb



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. SF 077384
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME Huerfano Unit
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401		8. FARM OR LEASE NAME Huerfano Unit Com
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650'S, 1650'E At proposed prod. zone		9. WELL NO. 118
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WELDCAT Basin Dakota
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest drg. well ltr., if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T-27-N, R-10-W NMPM
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		19. PROPOSED DEPTH 6425'
20. ROTARY OR CABLE TOOLS		21. APPROX. DATE WORK WILL START*
21. ELEVATIONS (Show whether DP, RT, GR, etc.) 5981'GR		

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#	120'	110 cu. ft. to circ. to surface
7 7/8"	4 1/2"	10.5# & 11.6#	6425'	1185 cu. ft. - 3 stages

1st stage - 355 cu. ft. to cover Gallup formation.

2nd stage - 390 cu. ft. to cover Mesa Verde formation.

3rd stage - 440 cu. ft. to cover Ojo Alamo formation.

Selectively perforate and sandwater fracture the Dakota formation.

The E/2 of Section 30 is dedicated to this well.

AUG 24 1973

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 Clerk

DATE

August 24, 1973

(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

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION STATEMENT

EL PASO NATURAL GAS COMPANY

HUERFANO UNIT COM (SF-77384)

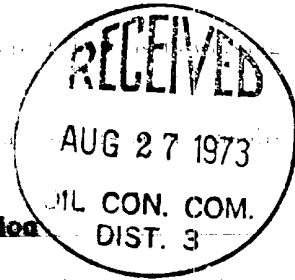
118

J 30 27-N 10-W SAN JUAN
1650 SOUTH 1650 EAST
5981 NEKOTA BASIN NEKOTA 320.00

1. Outline the acreage dedicated to the subject well by colored pencil or lacquer on the plat.
2. If more than one lease is dedicated to the well, outline each and identify the owner, interest and royalty.
3. If more than one lease of different ownership is dedicated to the well, have the leases signed dated by the owner, and the date of the lease, and the date of the lease.

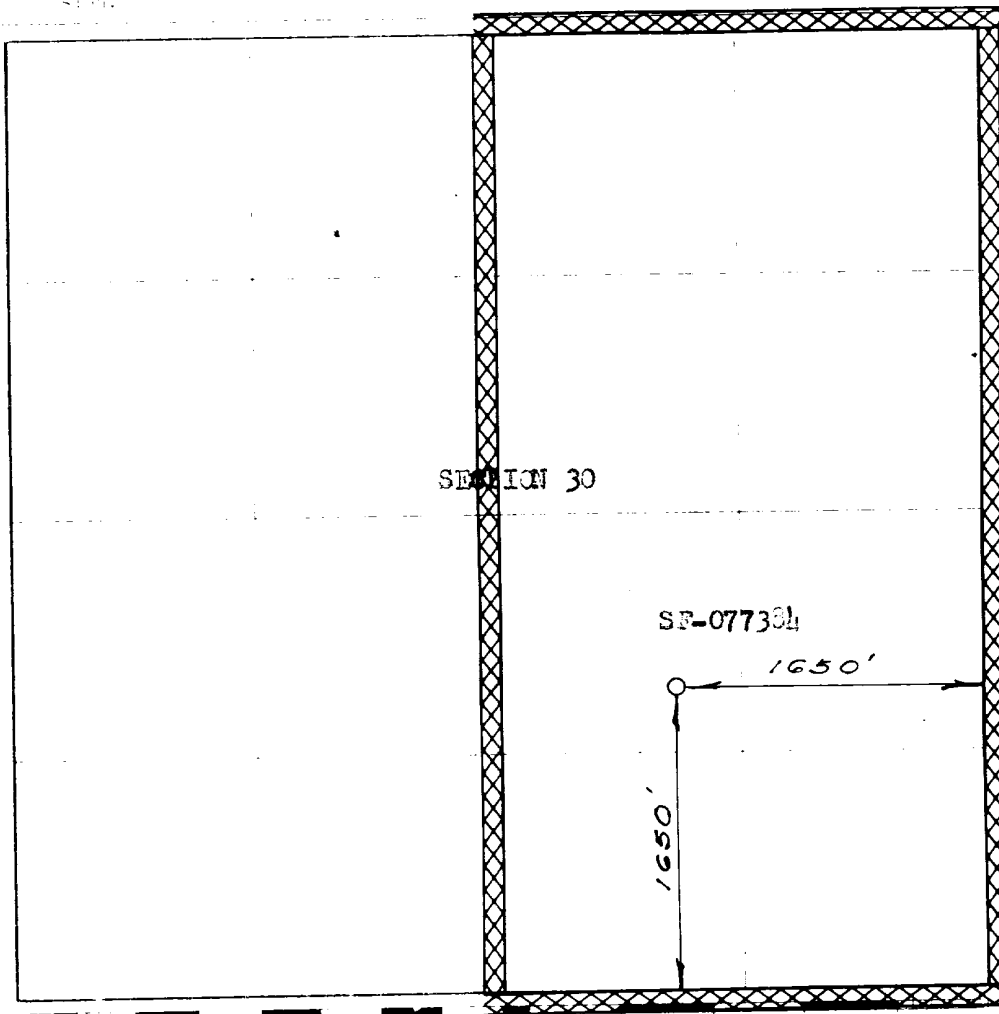
A Yes No If answer is "Yes" type of consolidation

Utilization



If answer is "No" list the owners and tract descriptions which have actually been consolidated. If any consolidation is necessary, this form is necessary.

No consolidation of the assignment to the well, until all interests have been consolidated. If consolidation is necessary, this form is necessary. If consolidation is necessary, this form is necessary.



Original Signed by
D. G. Brisco

Drilling Clerk

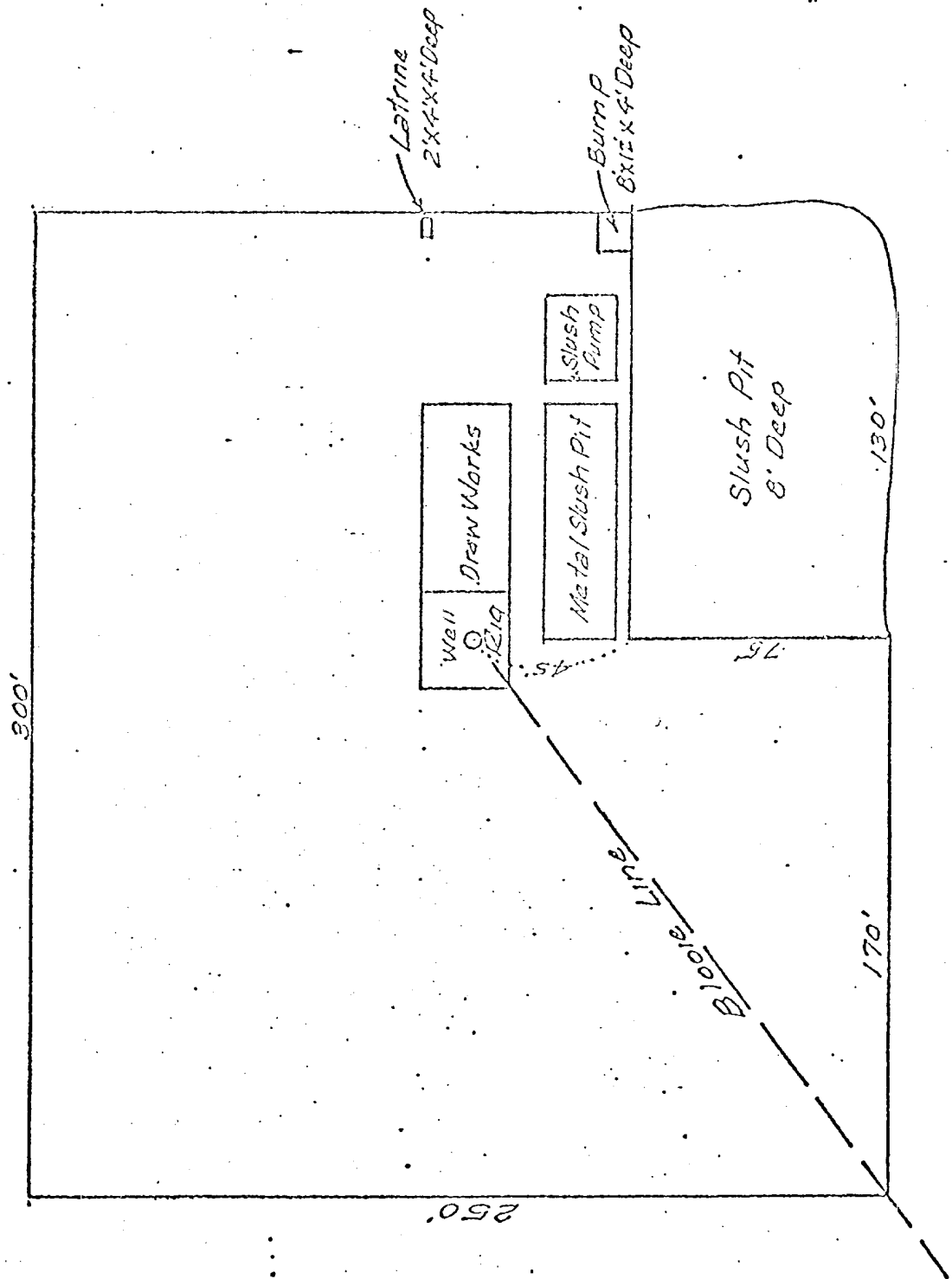
El Paso Natural Gas Co.

August 23, 1973

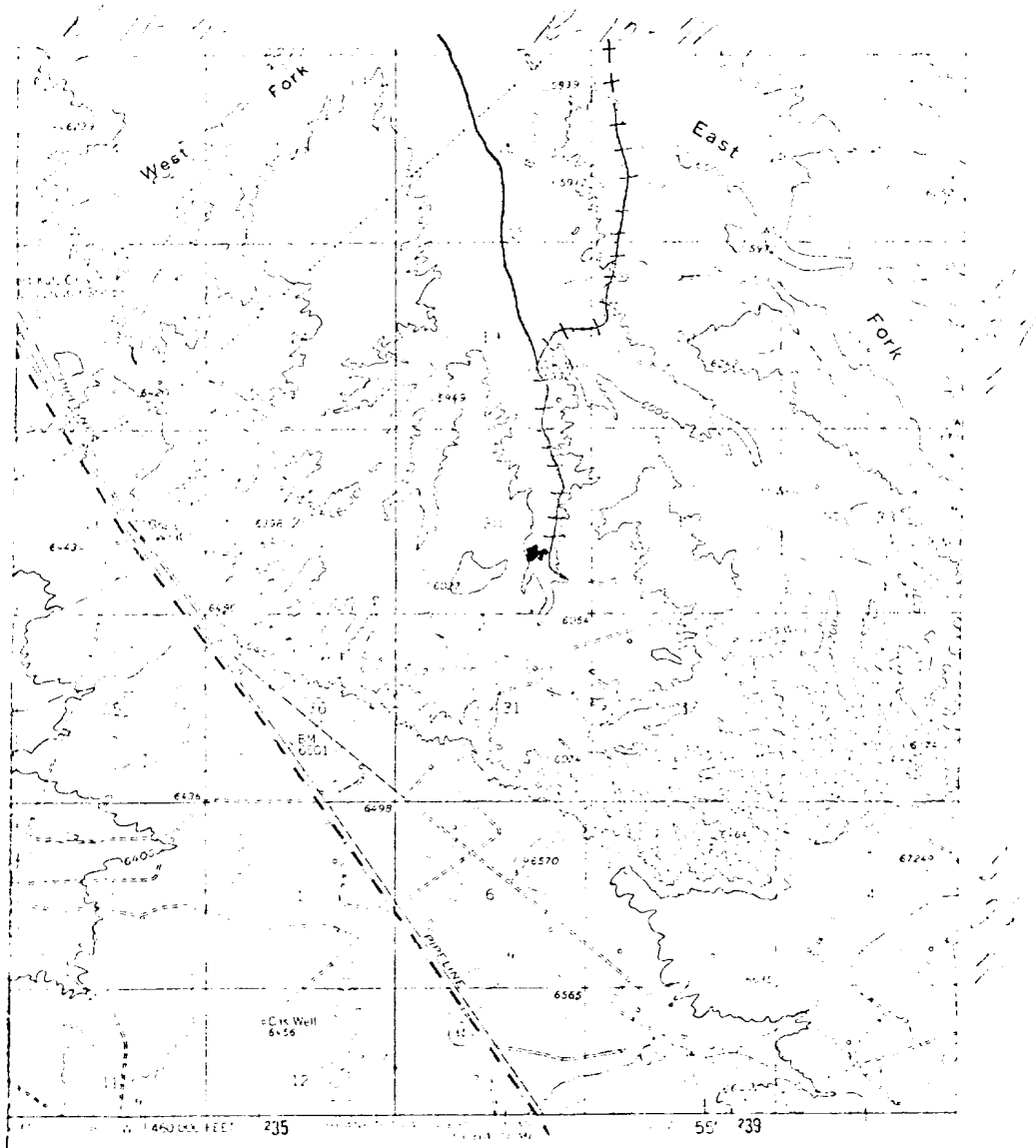
FEBRUARY 8, 1960

Russell H. McVee
1500

Huerfano Unit Cam No. 118



Handwritten notes at the top of the page, possibly indicating a title or reference.



Published by the Geological Survey
C&GS
Metric methods from aerial

LEGEND OF RIGHT-OF-WAYS

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