

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

30-039-20624

5. LEASE DESIGNATION AND SERIAL NO.  
SF 078498

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 28-7 Unit

8. FARM OR LEASE NAME  
San Juan 28-7 Unit

9. WELL NO.  
193

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
Sec. 28, T-28-N, R-7-W  
NMPM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

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  
915'S, 1170'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  
320.00

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

19. PROPOSED DEPTH  
7810'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6691'GR

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"	32.30	200'	220 cu. ft. to circulate
8 3/4"	7"	20#	3592'	250 cu. ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5&11.6#	7810'	645 cu. ft. to fill to intermediate casing

Selectively perforate and sandwater fracture the Dakota formation.

The W/2 of Section 28 is dedicated to this well.




RECEIVED

MAY 4 1973


U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

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 Petroleum Engineer DATE May 3, 1973

(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 <b>EL PASO NATURAL GAS COMPANY</b>		Lease <b>SAN JUAN 28-7 UNIT (SF-078498)</b>		Well No. <b>193</b>
Unit Letter <b>M</b>	Section <b>28</b>	Township <b>28-N</b>	Range <b>7-W</b>	County <b>RIO ARriba</b>
Actual Well Location of Well: <b>915</b> feet from the <b>SOUTH</b> line and <b>1170</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>6691</b>	Producing Formations <b>DAKOTA</b>	Pool <b>BASIN DAKOTA</b>	Dedicated Acreage <b>320.00</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all leases 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 (on 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 **L. O. Van Ryan**  
Position **Petroleum Engineer**

Company **El Paso Natural Gas Co.**

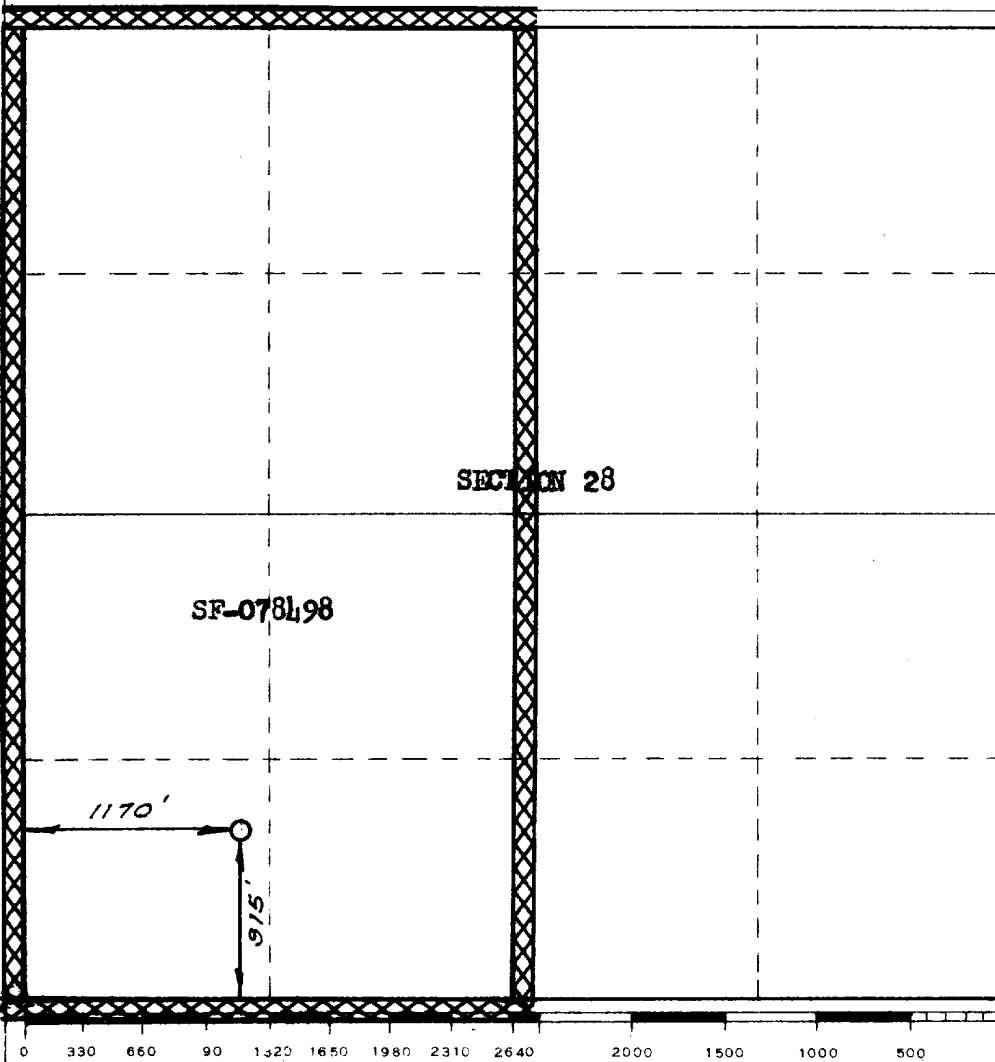
Date **May 3, 1973**

*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 5, 1973**

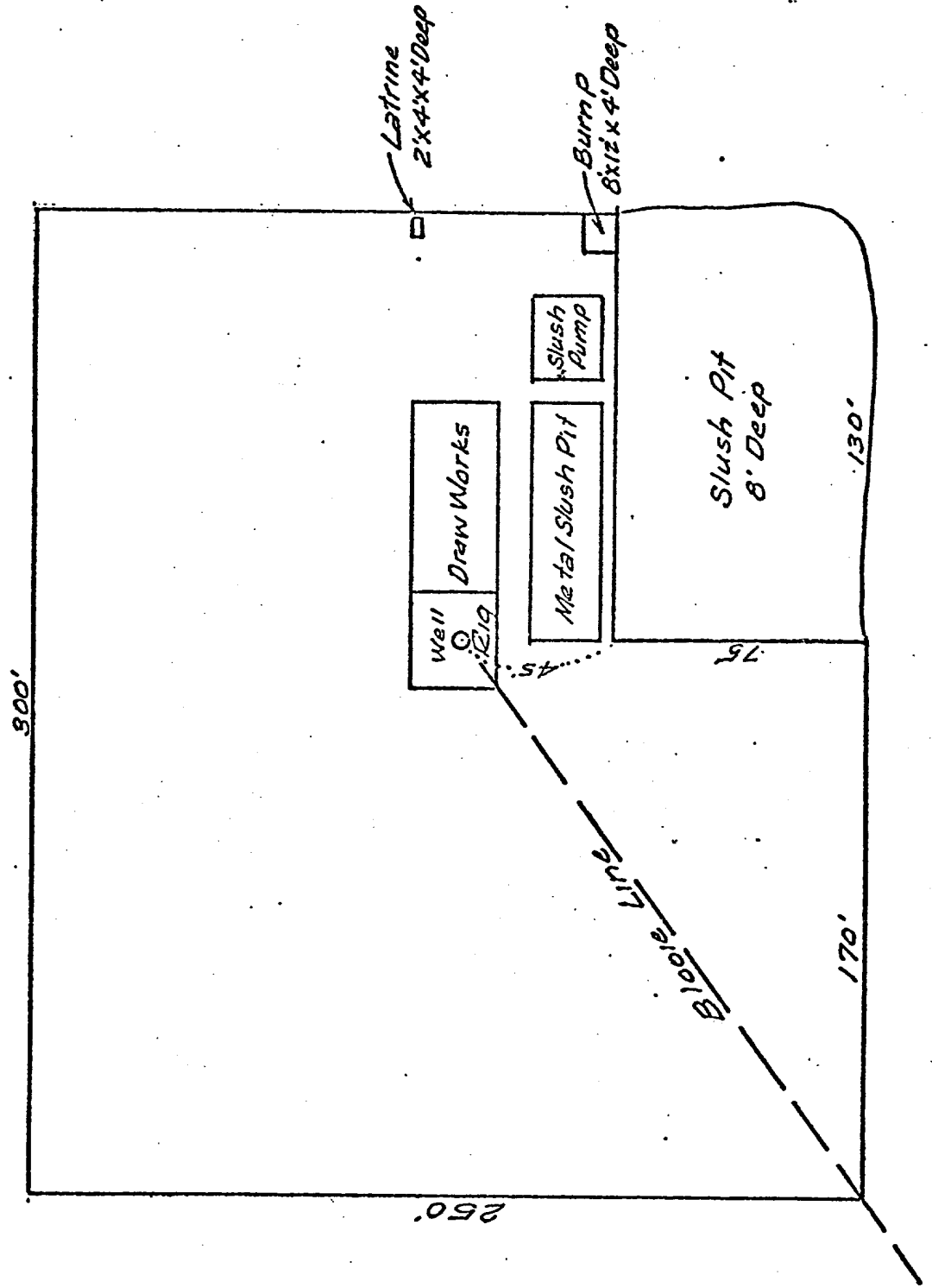
Registered Professional Engineer and/or Land Surveyor

*Paul Wilson*  
Certificate No. **1760**



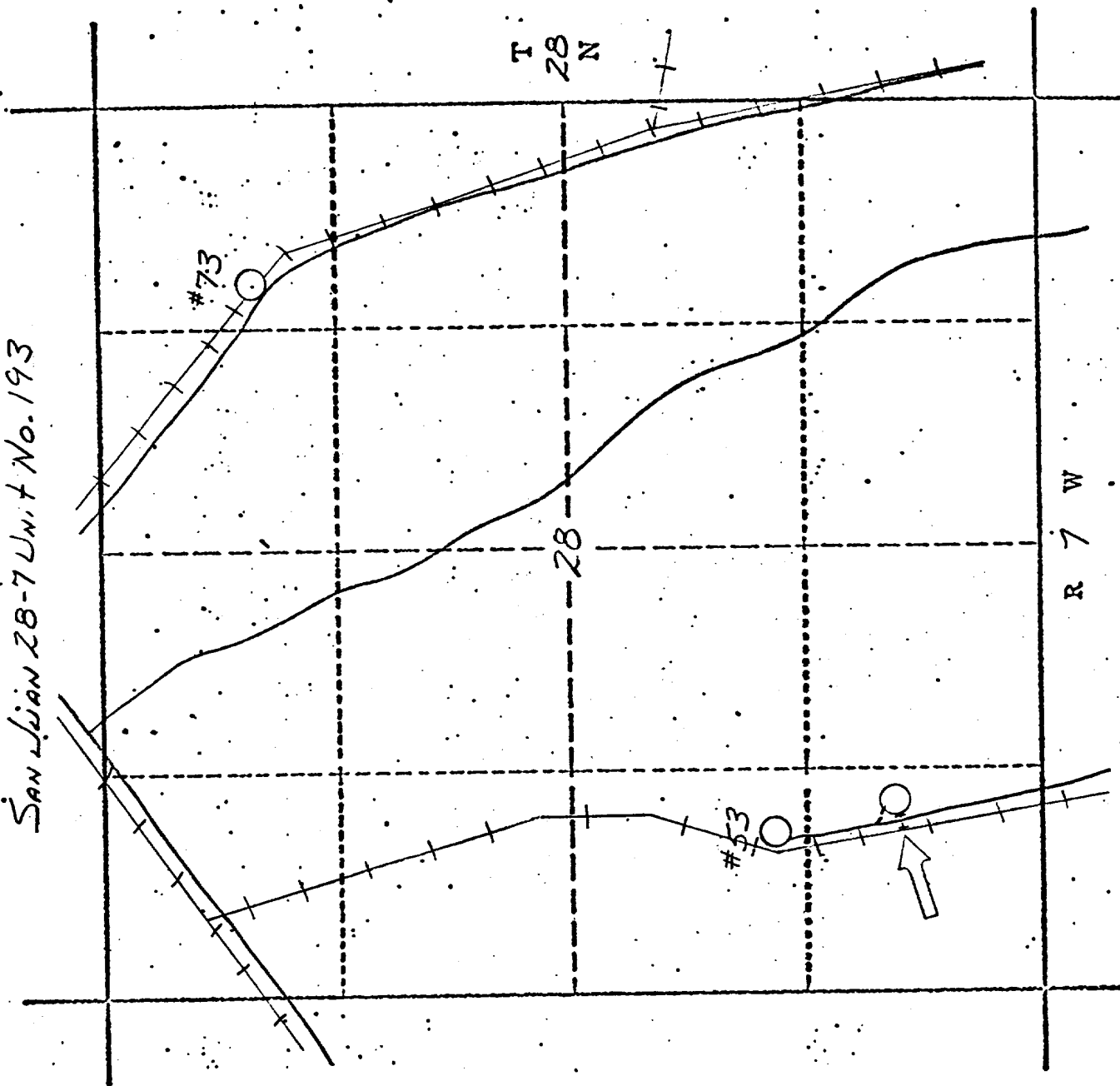
SAN JUAN 28-7 Unit No. 193

*[Handwritten signature]*



EXISTING AND PROPOSED ROADS AND PIPELINE RIGHTS-OF-WAY

San Juan 28-7 UN, + No. 193



Existing Road

Proposed Road

Existing Right-of-Way

Proposed Right-of-Way