

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-039-20622

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
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 1750'S, 1025'E 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 dir. unit line, if any)		16. NO. OF ACRES IN LEASE	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		17. NO. OF ACRES ASSIGNED TO THIS WELL 160.00	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6484'GR		20. ROTARY OR CABLE TOOLS Rotary	
22. APPROX. DATE WORK WILL START*			
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24.0#	120'
6 3/4"	2 7/8"	6.4#	3450'
			QUANTITY OF CEMENT
			110 cu. ft. to circulate
			220 cu. ft. to cover Ojo
			Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

The SE/4 of Section 21 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 [Signature] TITLE Petroleum Engineer DATE April 26, 1973
(This space for Federal or State office use)PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1-2
Supersedes O-128
Effective 1-1-66

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

EL PASO NATURAL GAS COMPANY			SAN JUAN 27-5 UNIT (SF-079394)		154
Section	21	Township	27-N	Range	5-W
County	RIO ARriba				
Acres	1750	Section	SOUTH	1025	EAST
Acres	6484	Section	PICTURED CLIFFS	TAPACITO PICTURED CLIFFS	160.00

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 (including 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 CON. COM. DIST. 3

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 F. H. WOOD

Petroleum Engineer

El Paso Natural Gas Co.

April-26, 1973

Date

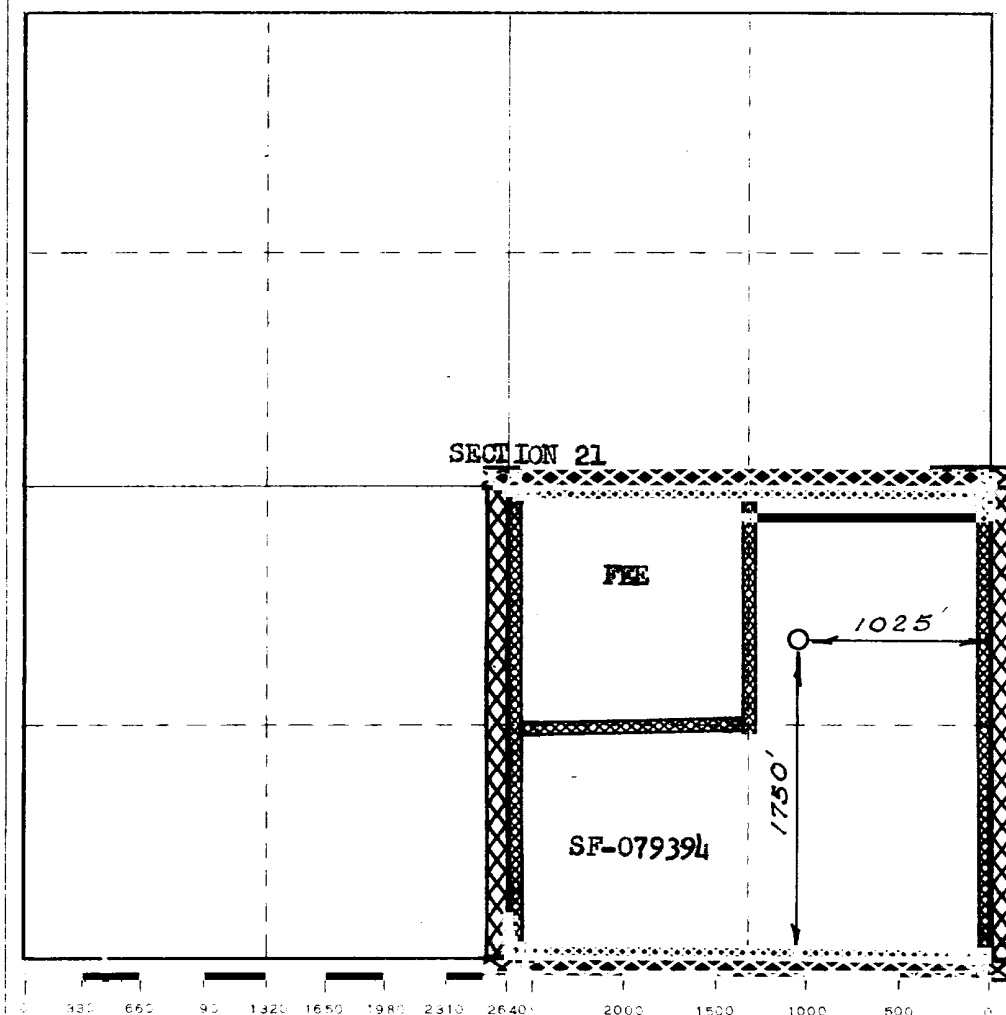
U. S. Geological Survey
Bureau of Land Management

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.

FEBRUARY 21, 1973

Registered Professional Engineer and Land Surveyor

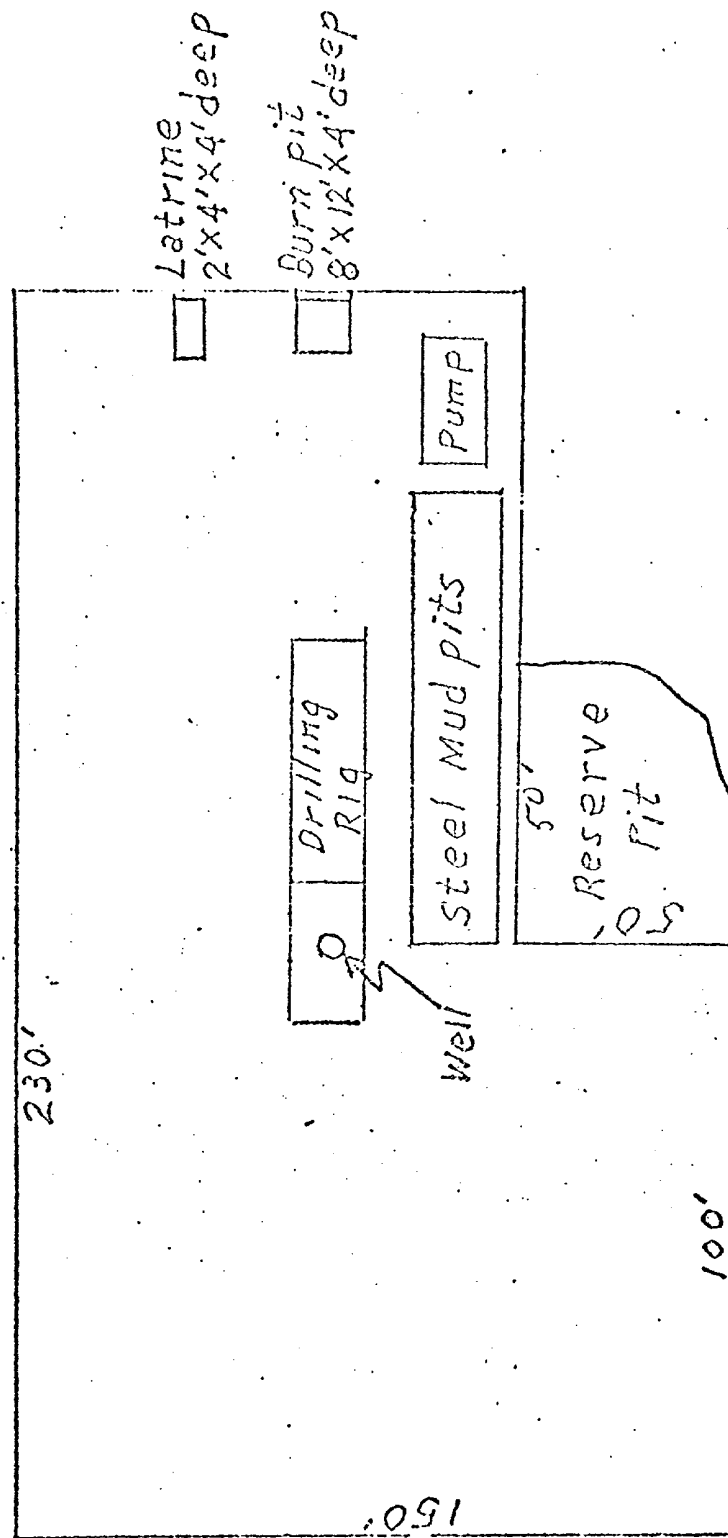
David R. Kline
1760



ST

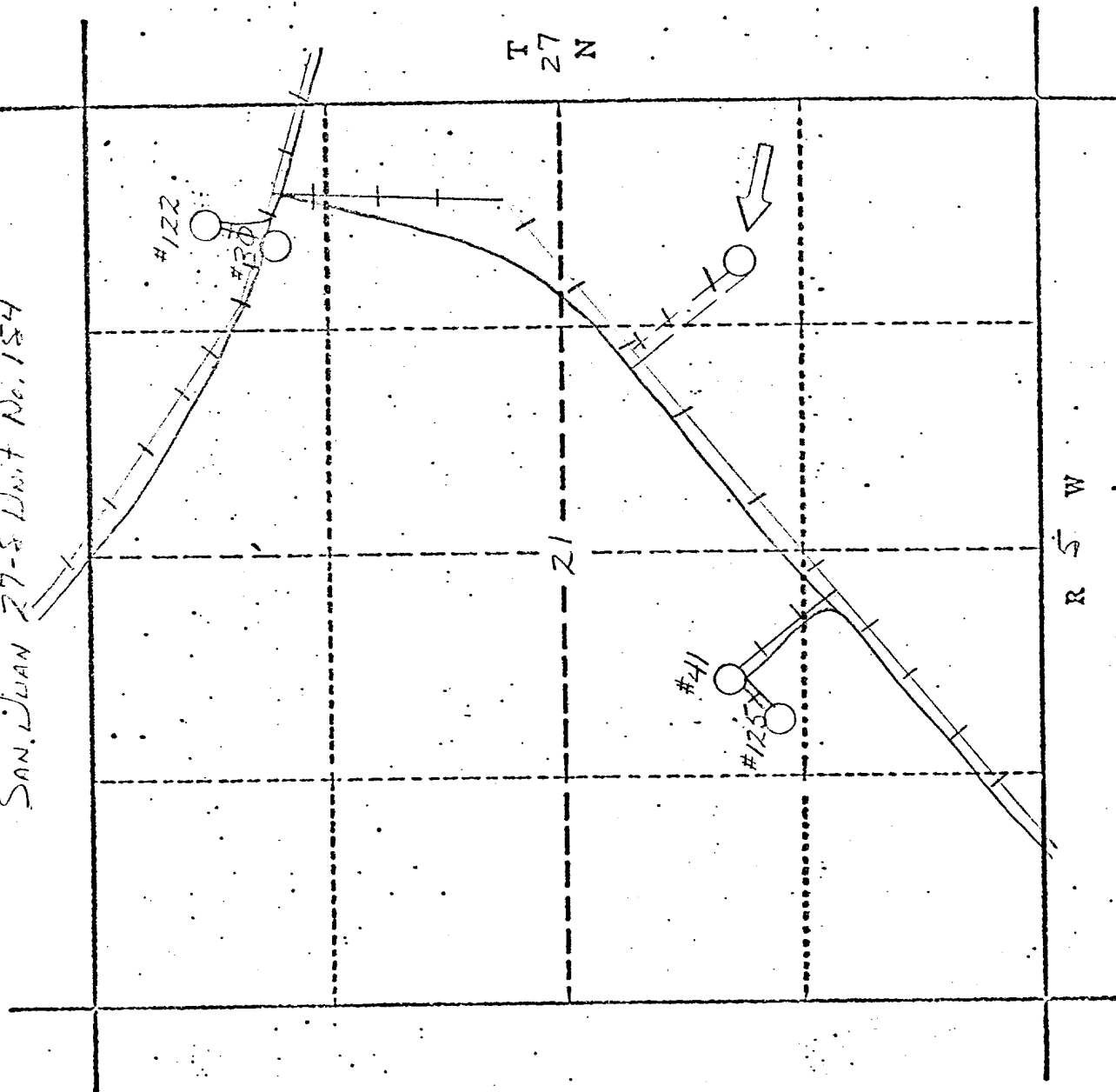
LOCATION AND EQUIPMENT LAY-OUT

SAN JUAN 27-5 Unit No. 154



EXISTING AND PROPOSED ROADS AND PIPELINE RIGHTS-OF-WAY

SAN JUAN 27-8 Unit No. 154



Existing Road
Proposed Road
Existing Right-of-Way
Proposed Right-of-Way