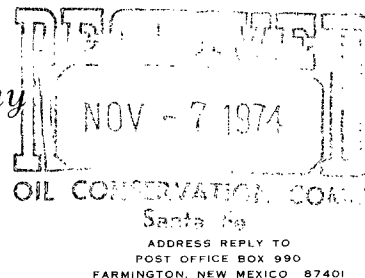


# El Paso Natural Gas Company

El Paso, Texas 79978

November 5, 1974



*NSL-691*

*104F*

Mr. A. L. Porter, Secretary and Director  
New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Porter:

This is a request for administrative approval for an unorthodox gas well location in the Basin Dakota pool. Terrain features make an orthodox location and access road expensive to build and maintain.

It is intended to locate the El Paso Natural Gas Company San Juan 27-4 Unit #133 2335' from the South line and 2225' from the West line of Section 27, T-27-N, R-4-W, NMPM, Rio Arriba County, New Mexico. The West half of Section 27 is dedicated to this well.

The terrain in the West half of Section 27 is very rough. An orthodox location would require an access road with a greater than 12% grade which would be expensive to build and to maintain. Maintenance would be expensive because of erosional problems encountered in roads with this steep of a grade. For these reasons it is requested that the unorthodox location be approved.

All of the offsetting proration units are included in units of which El Paso Natural Gas Company is the operator.

Plats showing the proposed well location with terrain features and operator of offset leases are attached.

Yours truly,

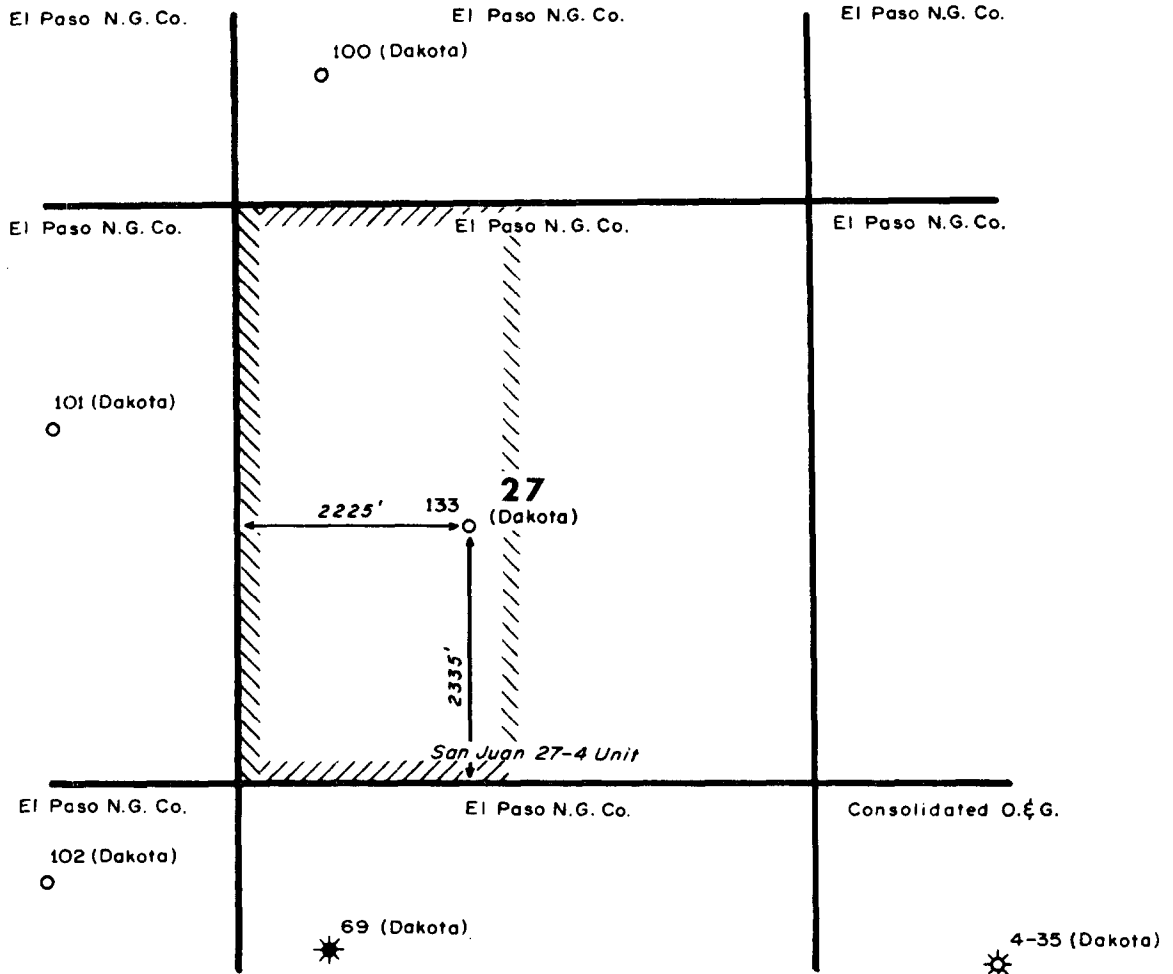
L. O. Van Ryan  
Senior Petroleum Engineer


LOVR:pb

cc: Emery Arnold with attachments  
Jim Permenter with attachments  
Jerry Long with attachments

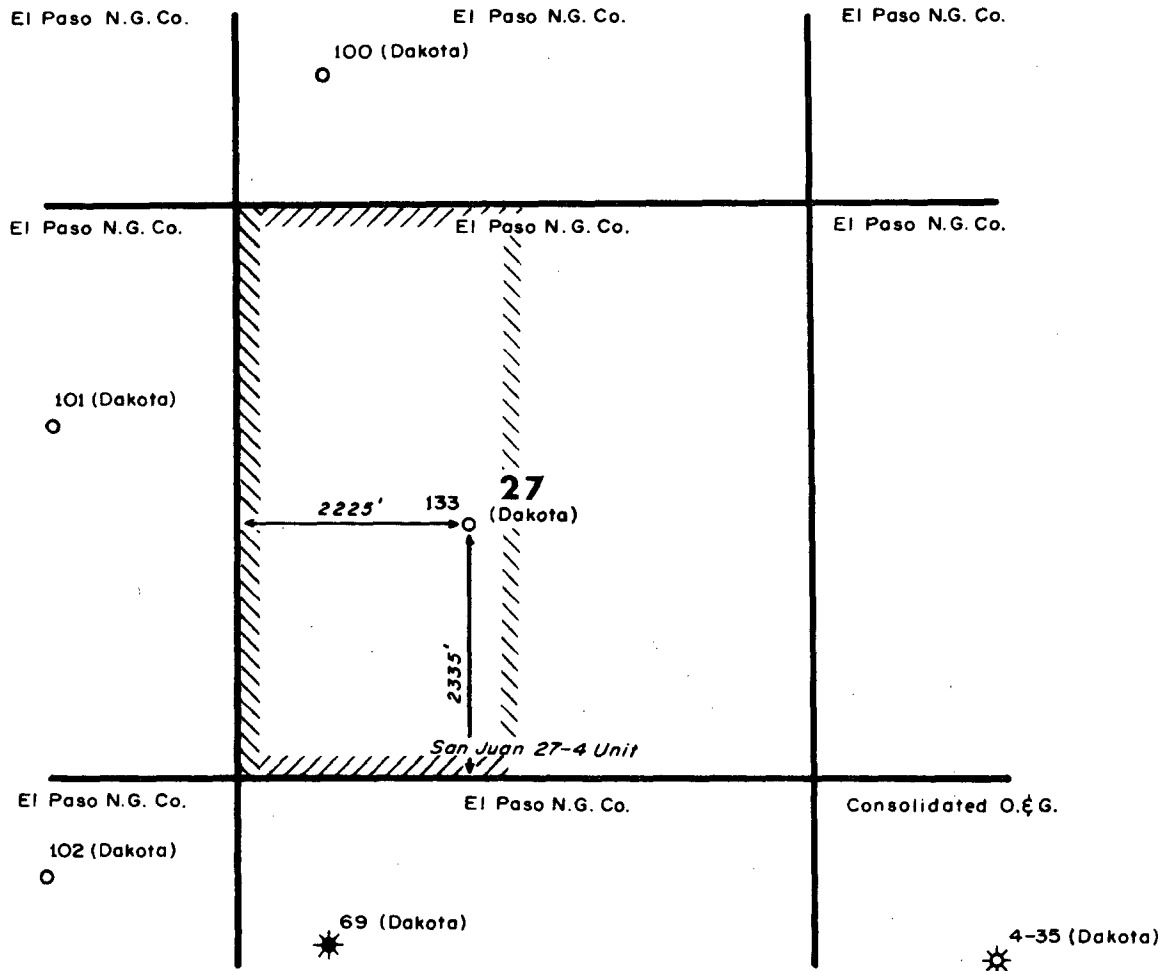
*Approval Verbal by Emery 11/13/74*


R 4 W



					ENG. REC.		DATE		 <b>El Paso Natural Gas Company</b> DAKOTA OWNERSHIP Offsetting E.P.N.G. #133 San Juan 27-4 Unit, S27 - 27N-4W Rio Arriba Co., New Mexico			SCALE: 3" = 1 mi.		DWG. NO.		REV.			
					DRAWN		J.H.											10-29-74	
					CHECKED														
					CHECKED														
					PROJ. APP.														
PRT. SEP. DATE TO W.O.					DESIGN														
PRINT RECORD					W.O.														

R 4 W



					ENG. REC.		DATE		 <b>El Paso Natural Gas Company</b> DAKOTA OWNERSHIP Offsetting E.P.N.G. #133 San Juan 27-4 Unit, S27 - 27N-4W Rio Arriba Co., New Mexico			SCALE: 3" = 1 mi. DWG. NO.		REV.	
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					CHECKED										
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					PROJ. APP.										
PRT. SEP. DATE TO W.O.					DESIGN										
PRINT RECORD					W.O.										

# El Paso Natural Gas Company

El Paso, Texas 79978

November 5, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 890  
FARMINGTON, NEW MEXICO 87401

Mr. Jerry Long  
U. S. Geological Survey  
Post Office Box 1809  
Durango, Colorado 81301

Re: Application for Permit to Drill  
San Juan 27-4 Unit #133  
SW/4 Section 27, T-27-N, R-4-W  
Basin Dakota

Dear Mr. Long:

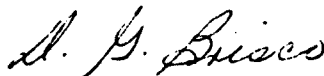
Details regarding existing roads, pipelines, wells, etc. relative to the above well location are included on the previously submitted base maps, "Field Road Map" and "Composite Map No. 1".

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: a water hole located in the SE/4 Section 18, T-27-N, R-4-W.

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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"/>		5. LEASE DESIGNATION AND SERIAL NO. SF 080675		
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"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR El Paso Natural Gas Company		7. UNIT AGREEMENT NAME San Juan 27-4 Unit		
3. ADDRESS OF OPERATOR PO Box 990, Farmington, NM 87401		8. FARM OR LEASE NAME San Juan 27-4 Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2335'S, 2225'W At proposed prod. zone		9. WELL NO. 133		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Basin Dakota		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, T-27-N, R-4-W NMPM		
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH Rio Arriba		
17. NO. OF ACRES ASSIGNED TO THIS WELL 320.00		13. STATE NM		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary		
19. PROPOSED DEPTH 8421'		22. APPROX. DATE WORK WILL START*		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7114'GR				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/8"	9 5/8"	32.3#	200'	224 cu. ft. to circulate
8 3/4"	7"	20.0#	4007'	110 cu. ft. to cover Ojo Alamo
6 1/4"	4 1/2"	10.5#&11.6#	8421'	600 cu. ft. to fill to 4007'

Selectively perforate and sandwater fracture the Dakota formation.

Forest approval has been secured.

The West half of Section 27 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 A. G. Suarez TITLE Drilling Clerk DATE November 5, 1974

(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

**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.

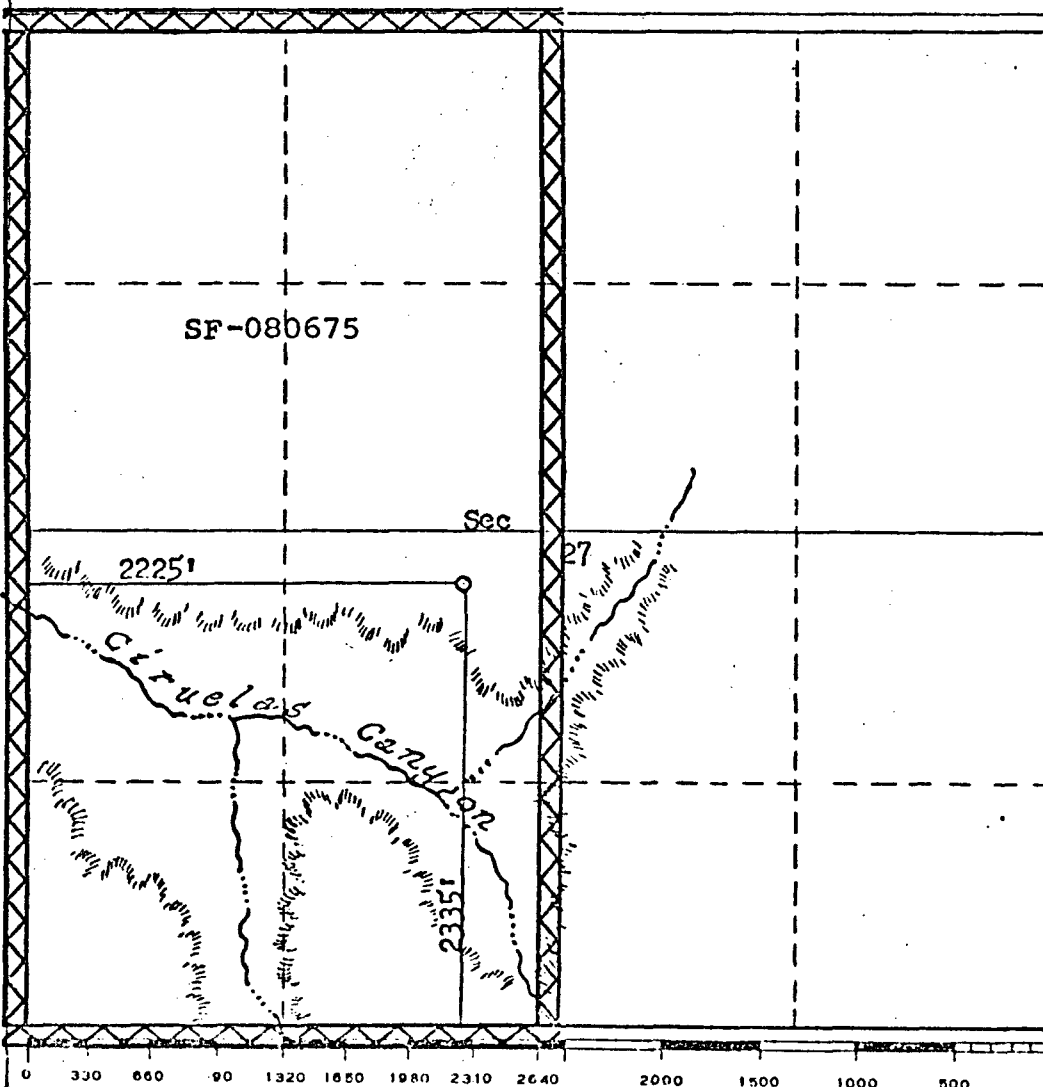
Operator <b>El Paso Natural Gas Company</b>			Lease <b>San Juan 27-4 Unit (SF-080675)</b>		Well No. <b>133</b>
Unit Letter <b>K</b>	Section <b>27</b>	Township <b>27N</b>	Range <b>14W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well:					
<b>2335</b> feet from the <b>South</b> line and		<b>2225</b> feet from the <b>West</b> line			
Ground Level Elev. <b>7114</b>	Producing Formation <b>Dakota</b>	Pool <b>BASIN DAKOTA</b>		Dedicated Acreage: <b>320.00</b>	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.

*A. G. Buesco*

Name

**Drilling Clerk**

Position

**El Paso Natural Gas Co.**

Company

**November 5, 1974**

Date

I hereby certify that the well location shown on this plot 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

**April 27, 1974**

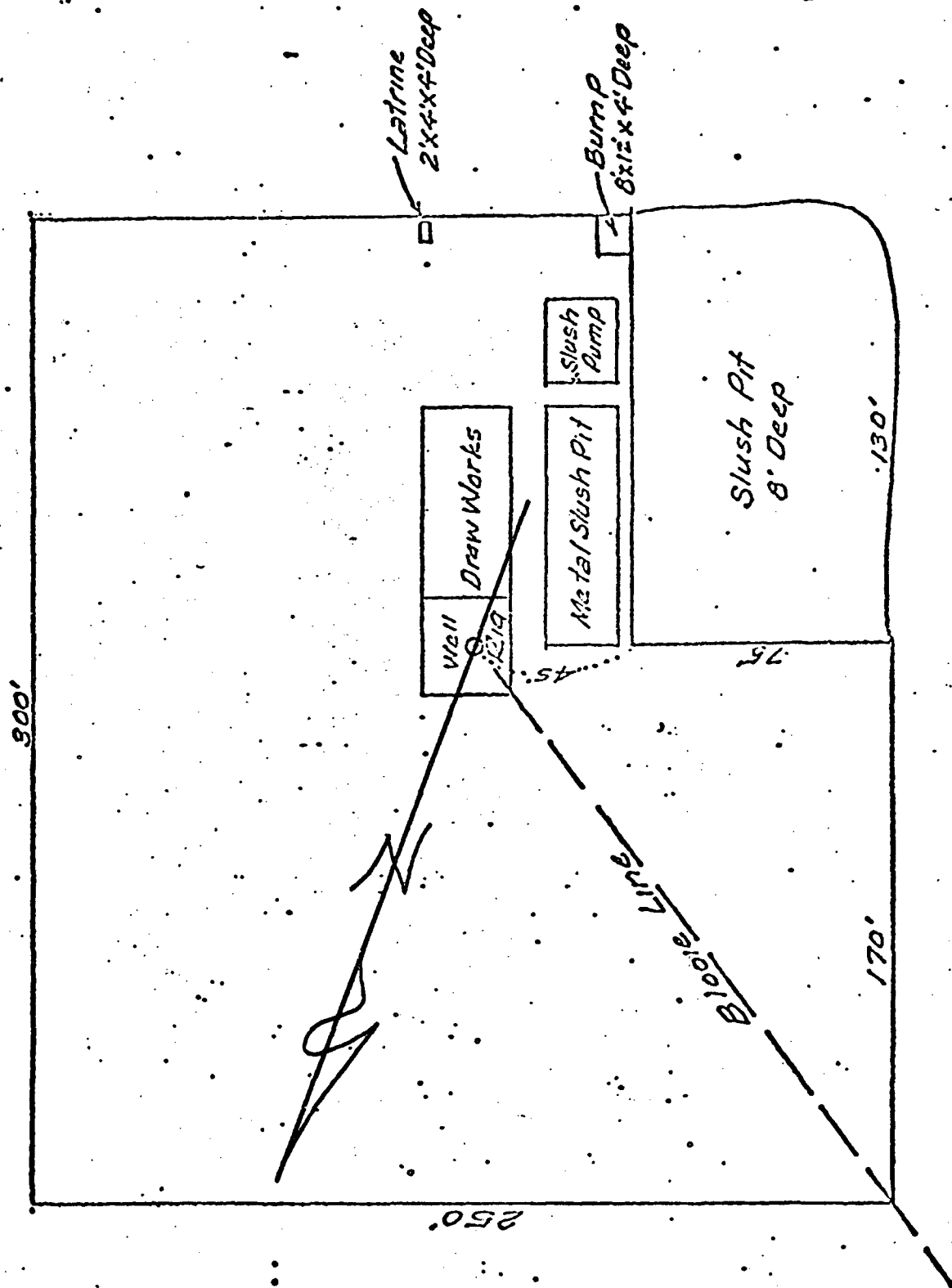
Registered Professional Engineer and/or Land Surveyor

*Fred B. Keen, Jr.*

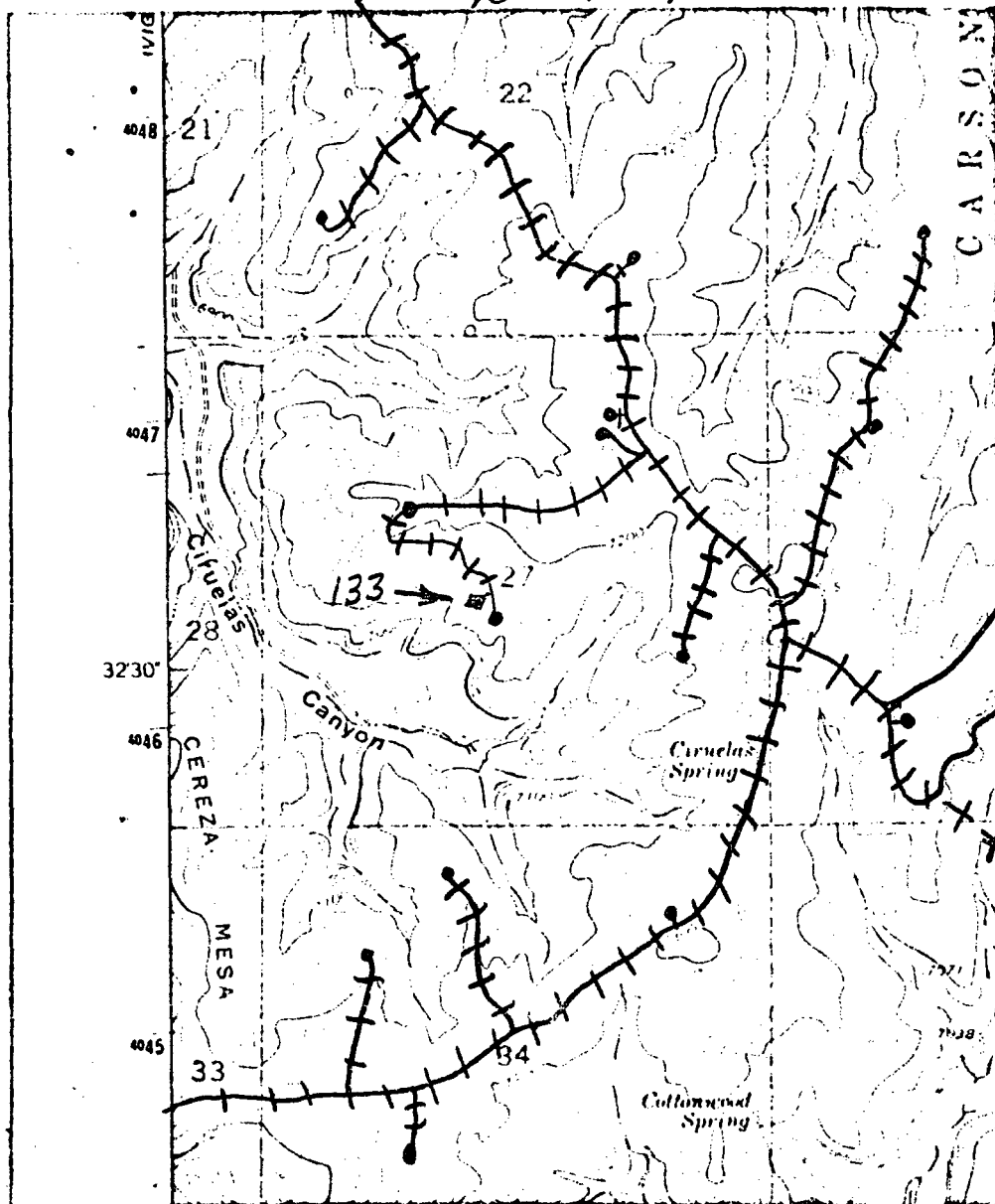
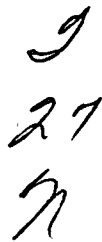
Certificate No.

**3950**

SAN JUAN 27-4 UNIT No. 133



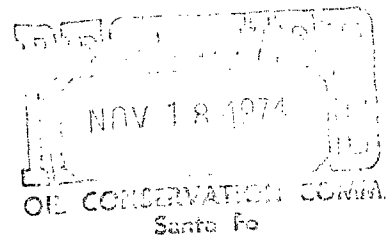
R. 4. W



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



NSL-691



OIL CONSERVATION COMMISSION  
VP DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 11-11-74

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL ✓ \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Jim Kapteina

Gentlemen:

I have examined the application dated 11-5-74  
for the El Paso Nat. Gas Co SJU 27.4 33 K. 27-27N-4W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

topography has been verified, approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Emery C. Hurd