

# El Paso Natural Gas Company

El Paso, Texas 79978

August 26, 1974

ADDRESS REPLY TO  
POST OFFICE BOX 930  
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 #119  
NENW Section 34, T-27-N, R-4-W  
Tapacito Pictured Cliffs Ext.

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 and new roads are shown on the attached plat along with connecting existing roads and pipelines in the vicinity of the proposed new well. The pipelines are not shown since they have not yet been approved by the Forest Service.

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*

D. G. Brisco  
Drilling Clerk

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DURANGO, COLO.

pb

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30-039-21010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
SF 080675

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 27-4 Unit

8. FARM OR LEASE NAME  
San Juan 27-4 Unit

9. WELL NO.  
119

10. FIELD AND POOL, OR WILDCAT  
Tapacito Pictured Cliffs Ext.

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 34, T-27-N, R-4-W  
NMPM

12. COUNTY OR PARISH 13. STATE  
Rio Arriba NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 870'N, 1715'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  
160.00

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

19. PROPOSED DEPTH  
4130'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7157'GR

22. APPROX. DATE WORK WILL START\*

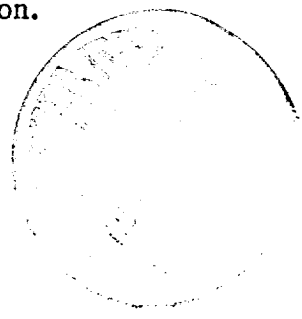
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	120'	105 cu. ft. to circulate
6 3/4"	2 7/8"	6.4#	4130'	200 cu. ft. to cover Ojo Alamo

Selectively perforate and sandwater fracture the Pictured Cliffs formation.

Forest approval has been secured.

The NW/4 of Section 34 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. P. Lewis TITLE Drilling Clerk DATE August 26, 1974

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY GA TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

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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.

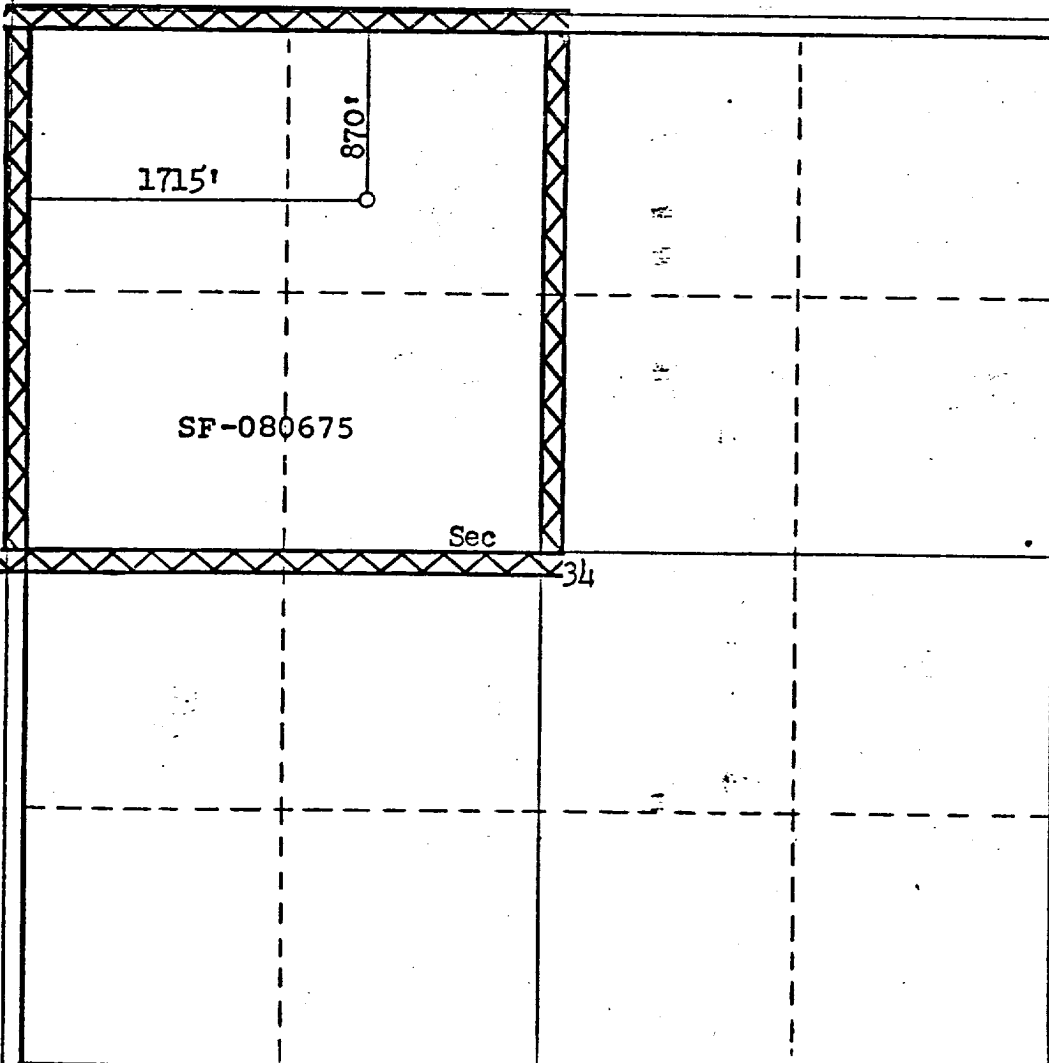
Operator <b>El Paso Natural Gas Company</b>		Lease <b>San Juan 27-4 Unit (SF-080675)</b>		Well No. <b>119</b>
Unit Letter <b>C</b>	Section <b>34</b>	Township <b>27N</b>	Range <b>4W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>870</b> feet from the <b>North</b> line and <b>1715</b> feet from the <b>West</b> line				
Ground Level Elev. <b>7157</b>	Producing Formation <b>Pictured Cliffs</b>	Pool <b>TAPACITO PICTURED CLIFFS EXT.</b>	Dedicated Acreage: <b>160.00</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. P. Busco*

Name  
**Drilling Clerk**  
Position  
**El Paso Natural Gas Co.**  
Company

Date  
**August 26, 1974**

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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  
**April 26, 1974**

Registered Professional Engineer and/or Land Surveyor

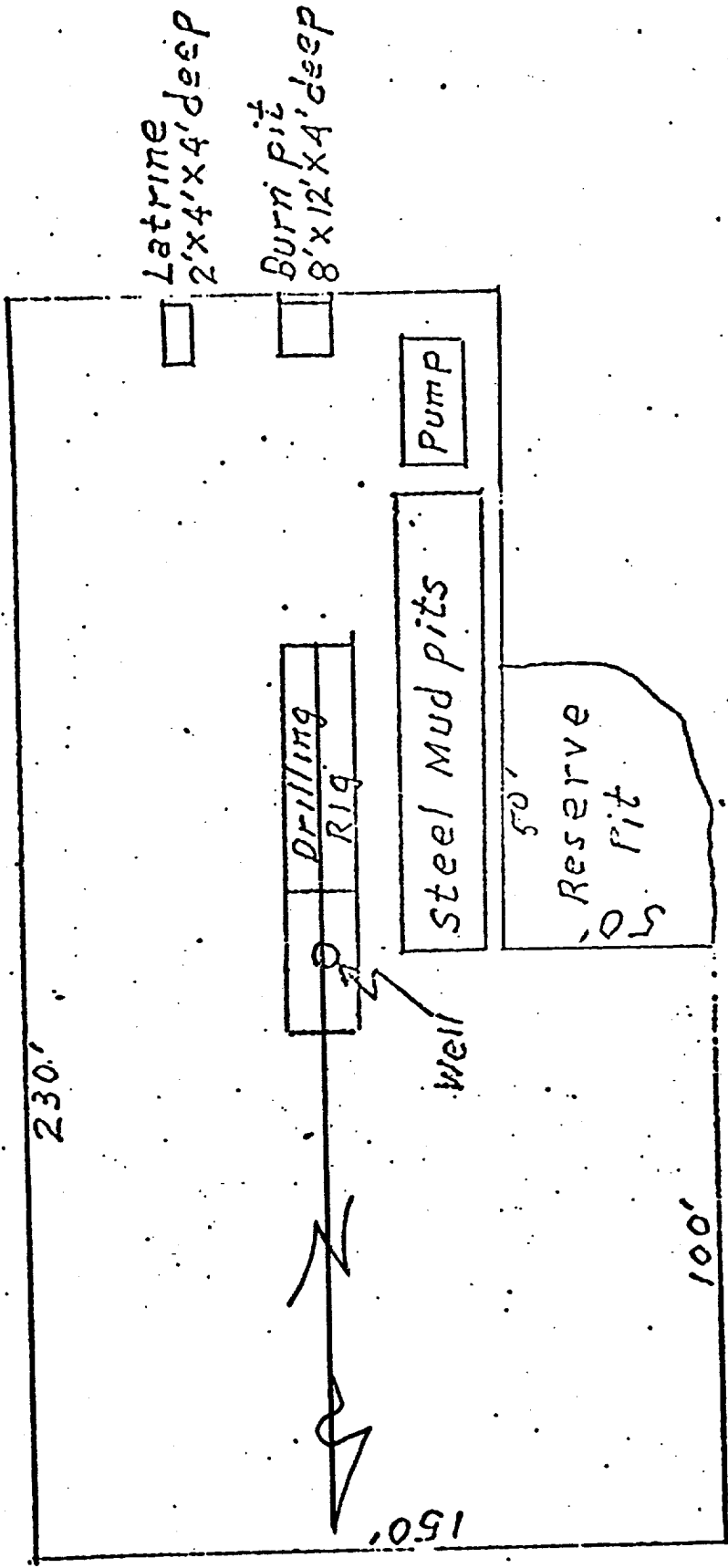
*Fred B. Kerr Jr.*  
**Fred B. Kerr Jr.**

Certificate No.

**3950**

LOCATION AND EQUIPMENT LAY-OUT

SAN JUAN 27-4 UNIT No. 119

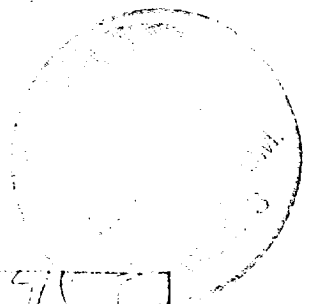


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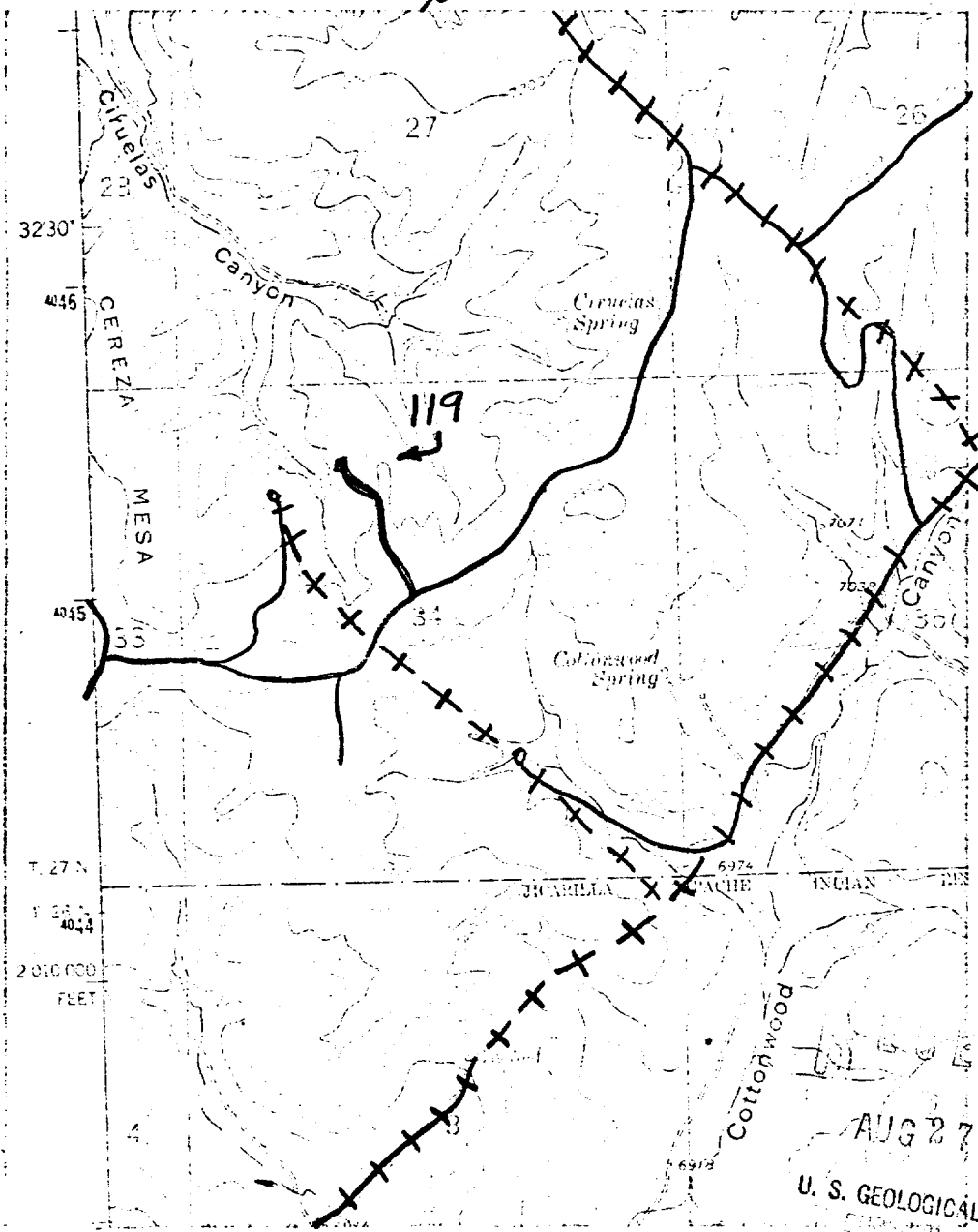
U. S. GEOLOGICAL SURVEY  
DENVER, COLO.

San Juan 27-4 Unit # 111  
 NE NW/4 Sec. 34, T-27-N, R-4-W



1  
 27  
 71

1  
 26  
 71



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LEGEND OF RIGHT-OF-WAYS

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