

F

30-039-22628

2-9-81

F. Loc. 970/N;1840/W

Elev. 6832 GL

Spd.

Comp.

TD

PB

Casing S. @ W Sx. Int. @ W Sx. Pr. @ W Sx. T. @  
 Csg. Perf. Prod. Stim.

T  
R  
A  
N  
S

I.P. BO/D MCF/D After Hrs. SICP PSI After Days GOR Grav. Ist Del. s

TOPS		NIID	Well Log	TEST DATA						
Kirtland		C-103	Plat X	Schd.	PC	Q	PW	PD	D	Ref.No.
Fruitland		C-104	Electric Log							
Pictured Cliffs			C-122							
Cliff House		Ditr	Dfa							
Menefee		Datr	Dac							
Point Lookout		W/318.56								
Mancos										
Gallup										
Sanostee										
Greenhorn										
Dakota										
Morrison										
Entrada										

P  
o

Blanco MV Co. RA S 1 T 29N R 7W U C Oper. El Paso Natural Gas San Juan 29-7 Ut No. 85A

San Juan 29-7 Unit #85A

C-1-29N-7W

El Paso Natural Gas Co.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

970'N, 1840'W

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

5 miles southeast of Navajo Dam, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

970'

16. NO. OF ACRES IN LEASE

Unit

17. NO. OF ACRES ASSIGNED

TO THIS WELL

318.56

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED  
OR APPLIED FOR, ON THIS LEASE, FT.

2500'

19. PROPOSED DEPTH

6360'

20. ROTARY OR CABLE TOOLS

Rotary

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

6832'GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

This action is subject to technical and

23. PROPOSED CASING AND CEMENTING PROGRAM

procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	36.0#	200'	138 cu.ft.circulated
8 3/4"	7"	20.0#	4025'	401 cu.ft.cover Ojo Alamo
6 1/4"	4 1/2"	10.5#	3875-6360'	437 cu.ft.circ. liner

Selectively perforate and sand water fracture the Mesa Verde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with  
blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The W/2 of Section 1 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

*Peggy Deak*

TITLE

Drilling Clerk

DATE

11-26-85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED  
AS AMENDED

APPROVED BY

TITLE

DEC 03 1985

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions On Reverse Side

M. MILLENBACH  
AREA MANAGER

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

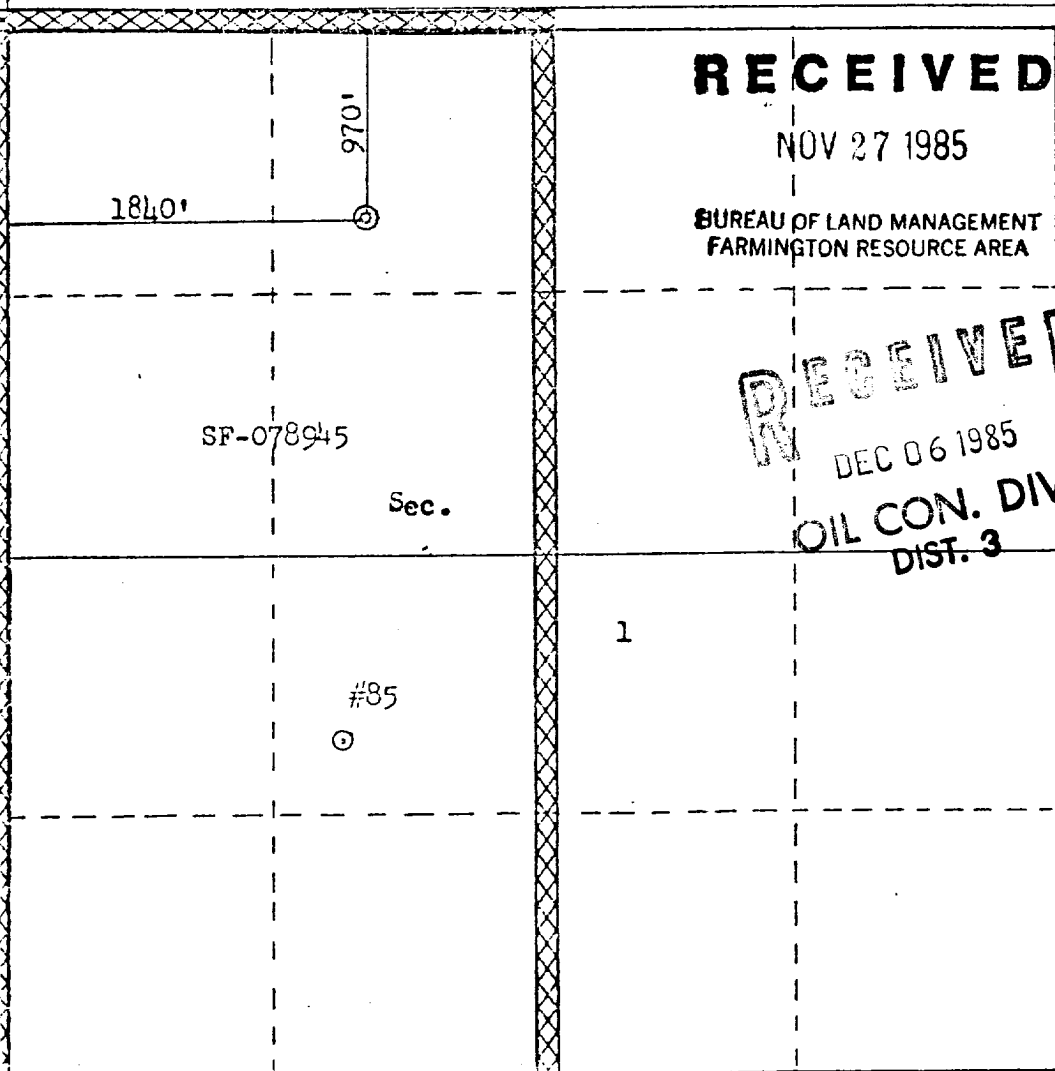
Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>SAN JUAN 29-7 UNIT (SF-078945)</b>		Well No. <b>85A</b>
Unit Letter <b>C</b>	Section <b>1</b>	Township <b>29N</b>	Range <b>7W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>970</b> feet from the <b>North</b> line and <b>1840</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6832</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco Mesa Verde</b>	Dedicated Acreage: <b>318.56</b> Acres	

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 (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?

X ☐ 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.



Scale: 1"=1000'

**RECEIVED**

NOV 27 1985

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

**RECEIVED**  
DEC 06 1985  
OIL CON. DIV.  
DIST. 3

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*A. G. Suico*  
Name

Drilling Clerk

Position **El Paso Natural Gas Co.**

Date **November 3, 1980**

Date

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

**September 5, 1980**

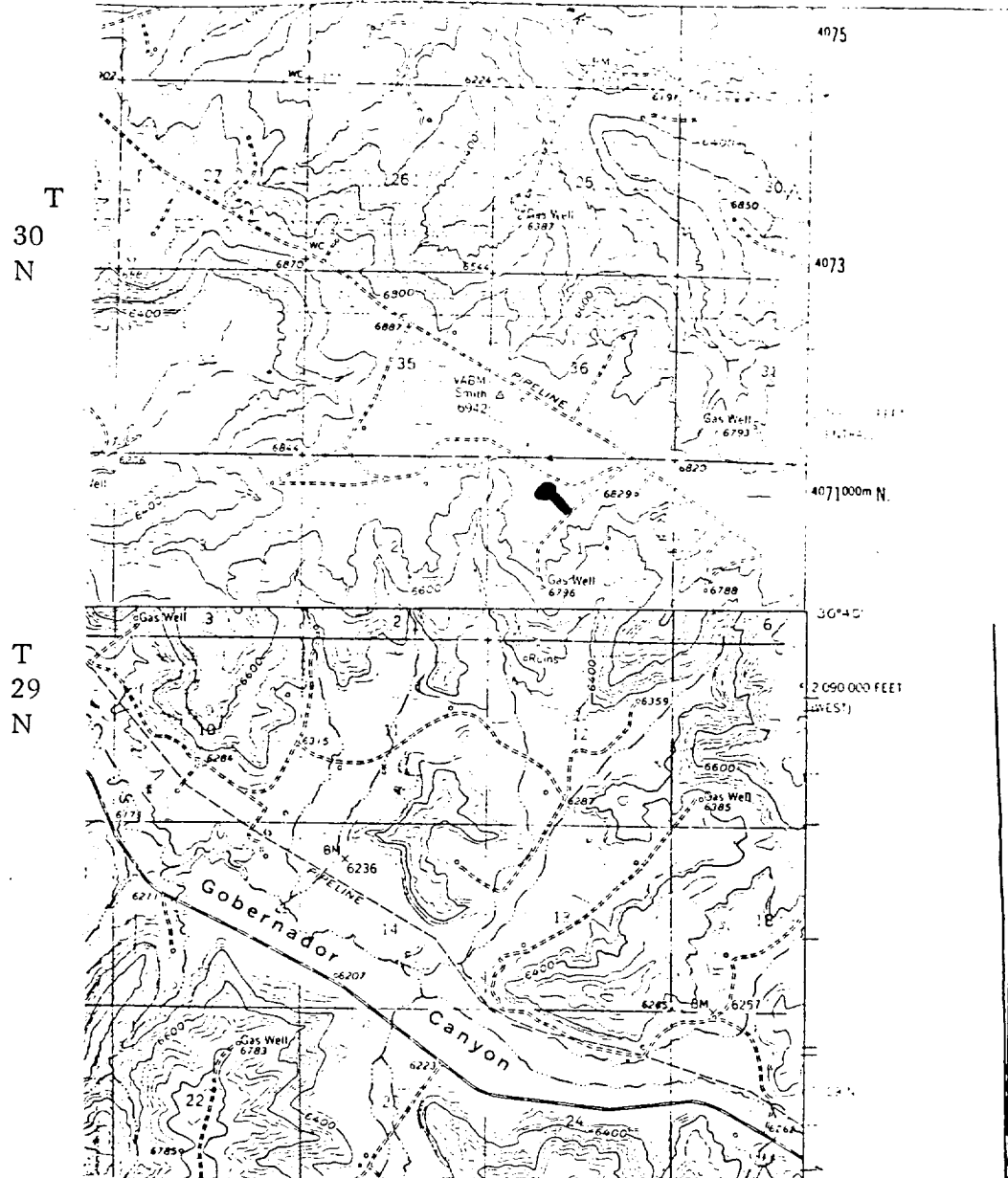
Registered Professional Engineer and Land Surveyor

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

Certificate No. **3950**

**12.**

EL PASO NATURAL GAS COMPANY  
 San Juan 29-7 Unit #85A  
 NW 1-29-7



LEGEND OF RIGHT-OF-WAYS

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

12. No. 128-M San Juan 28-6 Unit, NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 17, T. 28 N., R. 6 W., Rio Arriba County, New Mexico, lease Santa Fe 079192.
13. No. 99-M San Juan 28-6 Unit, NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 24, T. 28 N., R. 6 W., Rio Arriba County, New Mexico, lease New Mexico 013656.
14. No. 145-M San Juan 28-6 Unit, SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 19, T. 28 N., R. 6 W., Rio Arriba County, New Mexico, lease Santa Fe 079193.
15. No. 142-M San Juan 28-6 Unit, SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 21, T. 28 N., R. 6 W., Rio Arriba County, New Mexico, lease Santa Fe 079193.
16. No. 262 San Juan 28-7 Unit, SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 8, T. 28 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078417.
17. No. 136-E San Juan 28-7 Unit, SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 14, T. 28 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 079289-A.
18. No. 159-E San Juan 28-7 Unit, NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 22, T. 28 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 079289-A.
19. No. 220-E San Juan 28-7 Unit, NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 22, T. 28 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 079289.
20. No. 6-A San Juan 28-7 Unit, SE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 16, T. 28 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078497.
21. No. 46-A San Juan 28-7 Unit, NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 16, T. 28 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078417.
22. No. 85-A San Juan 29-7 Unit, NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 1, T. 29 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078945.
23. No. 51-A San Juan 29-7 Unit, SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 21, T. 29 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078424.
24. No. 50-A San Juan 29-7 Unit, SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 21, T. 29 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078424.
25. No. 72-A San Juan 29-7 Unit, SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 26, T. 29 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078425.
26. No. 38-A San Juan 30-6 Unit, SW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 27, T. 30 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 079074.
27. No. 26-A San Juan 32-9 Unit, NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 1, T. 31 N., R. 10 W., San Juan County, New Mexico, lease Santa Fe 078507.

**ABANDONED LOCATION**

Drawer 600  
Farmington, New Mexico 87401

January 21, 1982

El Paso Natural Gas Company  
P. O. Box 289  
Farmington, New Mexico 87401



Gentlemen:

Enclosed are your Applications for Permit to Drill (APDs) for the following wells:

1. No. 36 Allison Unit, SE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 15, T. 32 N., R. 7 W., San Juan County, New Mexico, lease Santa Fe 078459-B.
2. No. 266 Canyon Largo Unit, NE $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 8, T. 25 N., R. 6 W., Rio Arriba County, New Mexico, lease Santa Fe 078883.
3. No. 274 Canyon Largo Unit, SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 13, T. 25 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078880.
4. No. 245 Canyon Largo Unit, NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 26, T. 25 N., R. 7 W., Rio Arriba County, New Mexico, lease Santa Fe 078878.
5. No. 14-E San Juan 27-4 Unit, NW $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 18, T. 27 N., R. 4 W., Rio Arriba County, New Mexico, lease Santa Fe 080669.
6. No. 45-E San Juan 27-4 Unit, NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 19, T. 27 N., R. 4 W., Rio Arriba County, New Mexico, lease Santa Fe 080669.
7. No. 100-M San Juan 27-5 Unit, NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 1, T. 27 N., R. 5 W., Rio Arriba County, New Mexico, lease Santa Fe 079491.
8. No. 106-M San Juan 27-5 Unit, NE $\frac{1}{4}$ NW $\frac{1}{4}$  sec. 1, T. 27 N., R. 5 W., Rio Arriba County, New Mexico, lease Santa Fe 079491.
9. No. 35-M San Juan 28-5 Unit, NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 19, T. 28 N., R. 5 W., Rio Arriba County, New Mexico, lease Santa Fe 080516-A.
10. No. 58-M San Juan 28-5 Unit, NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 30, T. 28 N., R. 5 W., Rio Arriba County, New Mexico, lease Santa Fe 079472.
11. No. 104 San Juan 28-5 Unit, SW $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 32, T. 28 N., R. 5 W., Rio Arriba County, New Mexico, lease Santa Fe 079521.

The subject approved APDs are hereby rescinded and returned as requested by your Sundry Notices of January 14, 1982.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill sites.

Sincerely yours,



James F. Sims  
District Oil and Gas Supervisor

Enclosures 27

cc: SCR MS-410  
DRO 9-1 <sup>27</sup>  
Well File (30 Rescinded)  
BLM, Farmington  
NMOCC  
Chronological

SMason:esm  
#0533, 7427, 7417

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

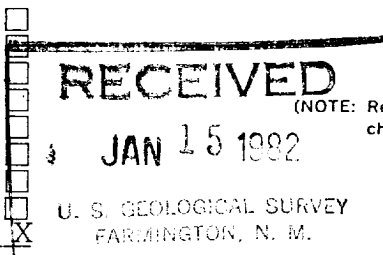
1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR  
El Paso Natural Gas Company
3. ADDRESS OF OPERATOR  
Box 289, Farmington, New Mexico 87401
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
970'N, 1840'W  
AT SURFACE:  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

(other) ☒ Cancel Application to Drill



5. LEASE  
SF 078945
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME  
San Juan 29-7 Unit
8. FARM OR LEASE NAME  
San Juan 29-7 Unit
9. WELL NO.  
85A
10. FIELD OR WILDCAT NAME  
Blanco Mesa Verde
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T-29-N, R-7-W  
NMPM
12. COUNTY OR PARISH  
Rio Arriba
13. STATE  
New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6832' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

We have no immediate plans for drilling this well. Please rescind your Approval to Drill and we will resubmit our application at a later date.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED A. G. Brisco TITLE Drilling Clerk DATE January 14, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions on Reverse Side

ACCEPTED FOR RECORD

JAN 18 1982

FARMINGTON DISTRICT

BY SM



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 ☐

## 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 289, Farmington, NM 87401

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

970'N, 1840'W

At proposed prod. zone

same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5 miles southeast of Navajo Dam, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

970'

## 16. NO. OF ACRES IN LEASE

unit

## 17. NO. OF ACRES ASSIGNED

W/318.56

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

2500'

## 19. PROPOSED DEPTH

6360'

## 20. ROTARY OR CABLE TOOLS

Rotary

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

6832'GL

## 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"	36.0#	200'	224 cu.ft. to circulate
8 3/4"	7"	20.0#	4025'	349 cu.ft. to cover Ojo Alamo
6 1/4"	4 1/2" liner	10.5#	3875-6360'	cu.ft. to circ. liner

Selectively perforate and sandwater fracture the Mesa Verde formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO THE SAME LAWS WITH ATTACHED  
"GENERAL REQUIREMENTS"

The W/2 of Section 1 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. Brisco*

TITLE

Drilling Clerk

DATE

11-3-80

(This space for Federal or State office use)

AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

JAMES F. SIMS  
DISTRICT ENGINEER

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2048

Form C-107

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Revised 10-1-78

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

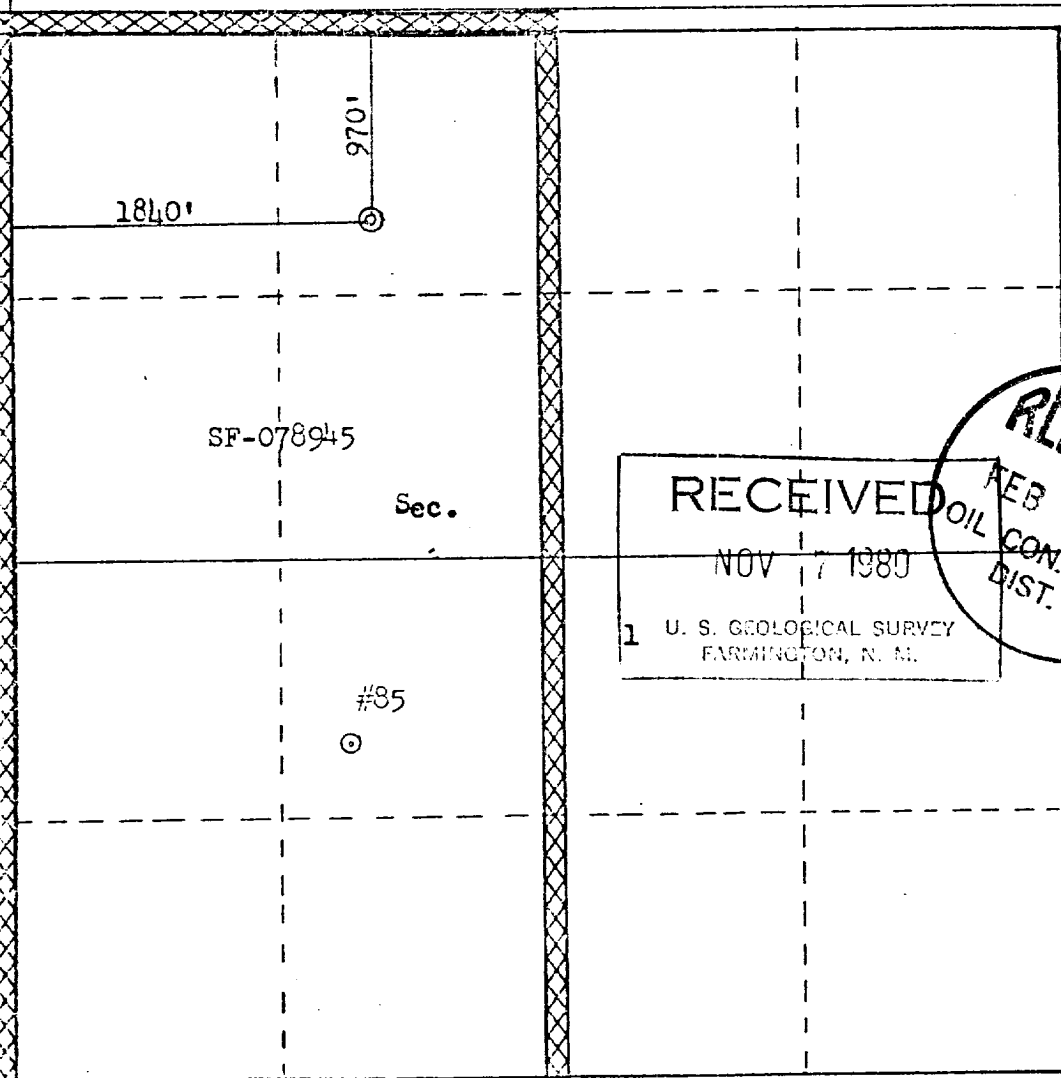
Operator <b>EL PASO NATURAL GAS COMPANY</b>			Lease <b>SAN JUAN 29-7 UNIT (SF-078945)</b>		Well No. <b>85A</b>
Unit Letter <b>C</b>	Section <b>1</b>	Township <b>29N</b>	Range <b>7W</b>	County <b>Rio Arriba</b>	
Actual Footage Location of Well: <b>970</b> feet from the <b>North</b> line and <b>1840</b> feet from the <b>West</b> line					
Ground Level Elev. <b>6832</b>	Producing Formation <b>Mesa Verde</b>		Pool <b>Blanco Mesa Verde</b>		Dedicated Acreage: <b>318.56</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?

X ☒ 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.



Scale: 1"=1000'

## CERTIFICATION

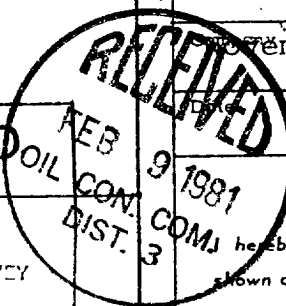
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*D. G. Suico*  
Name  
Drilling Clerk

Position  
El Paso Natural Gas Co.

Date  
September 3, 1980

RECEIVED  
NOV 7 1980  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.



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

September 3, 1980

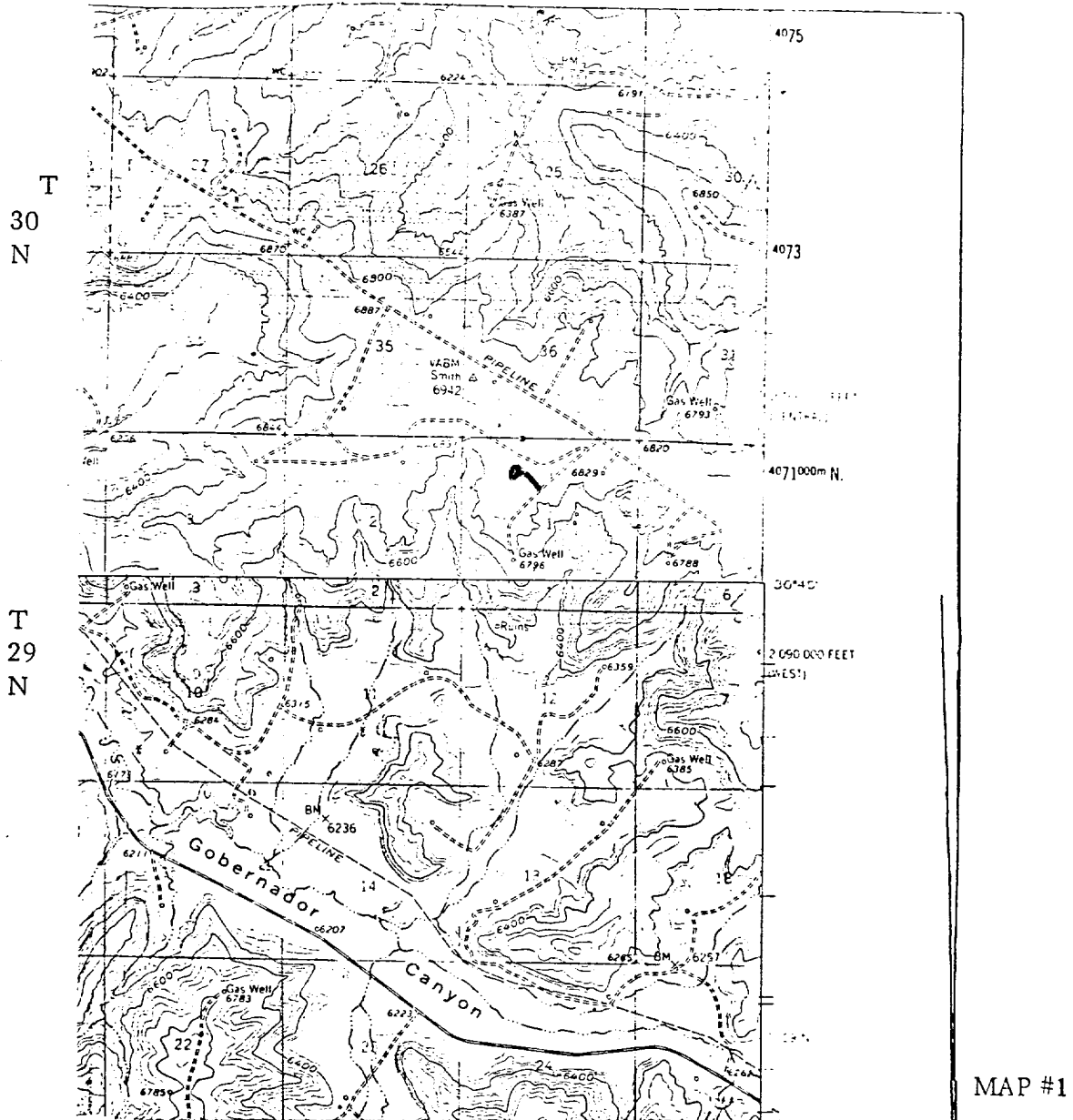
Registered Professional Engineer  
and Land Surveyor

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

Certificate No.

3950

EL PASO NATURAL GAS COMPANY  
 San Juan 29-7 Unit #85A  
 NW 1-29-7



LEGEND OF RIGHT-OF-WAYS

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