

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY AUG 2 - 1983

SUBMIT TO THE OFFICE OF THE
DIRECTOR, GEOLOGICAL SURVEY
Other instructions on
reverse sideForm approved.
Budget Bureau No. 42-R1425.

30-039-23264

D. LEASE DESIGNATION AND SERIAL NO.

SF 078875

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Canyon Largo Unit

8. FARM OR LEASE NAME

Canyon Largo unit

9. WELL NO.

326
10. FIELD AND POOL, OR WILDCAT

Devils Fork Gallup Ext.

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREASec. 33, T-25-N, R-5-W
N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐DIST 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

Box 4289, Farmington, New Mexico 87401

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

At surface

330'N, 1690'W
790 1650

At proposed prod. zone

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

11 Miles North of Counselors, New Mexico

15. DISTANCE FROM PROPOSED*

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

330'

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

962'

16. NO. OF ACRES IN LEASE

Unit

19. PROPOSED DEPTH

6400'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) DRILLING OPERATIONS AUTHORIZED ARE
6764' GL 6765' SUBJECT TO COMPLIANCE WITH ATTACHED23. "GENERAL REQUIREMENTS"
PROPOSED CASING AND CEMENTING PROGRAMThis action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	200'	165 cu. ft. to Circulate to Sur
7 7/8"	4 1/2"	10.5#	6400'	1293 cu. ft. to cover Ojo-Alamo

Selectively perforate and sand water fracture the Gallup formation.

A 3000 psi WP and 6000 psi test couple gate preventor equipped w/blind and pipe rams
will be used for blowout prevention on this well.

This gas is dedicated.

This well is being drilled as an oil well, however, Unit Agreement stipulates 1/2
Section Dedication.

The W/2 of Section 33 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

D. G. Grises

TITLE

Drilling Clerk

DATE

May 24, 1983

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

JUL 29 1983

*See Instructions On Reverse Side

NMCCO

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-7

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

Operator EL PASO NATURAL GAS COMPANY		Lease Canyon Largo Unit (SF 078875)		Well No. 326
Unit Letter C	Section 33	Township 25-N	Range 6-W	County Rio Arriba
Actual Footage Location of Well: 790 feet from the North line and 1650 feet from the West line				
Ground Level Elev. 6765	Producing Formation Gallup	Pool Devils Fork Gallup Ext.	Dedicated Acreage: 160.00 Acres	

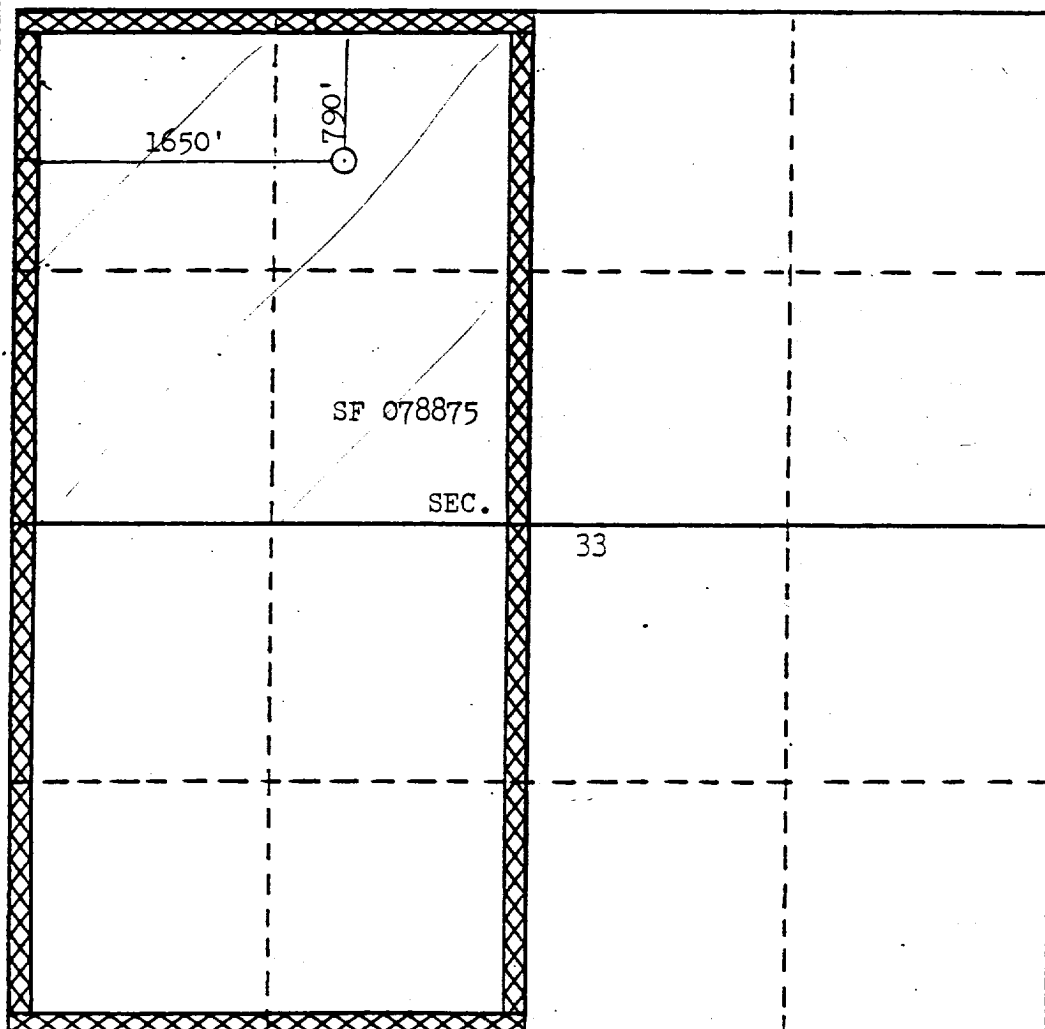
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 _____

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 Division

REISSUED TO SHOW NEW LOCATION OF WELL 6/14/83



CERTIFICATION

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

D. G. Brisco

Name

Drilling Clerk

Position

El Paso Natural Gas Co.

Company

June 20, 1983

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

May 2, 1983

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

1760

RECEIVED

Operations Plan - Canyon Largo Unit #326

I. Location: 330' FNL, 1690' FWL, Section 33, T-25-N, R-6-W, Rio Arriba County, N.M.

Field: Devils Fork Gallup Ext.

Elevation: 6764' GL

Geology:

A. Formation Tops:	Surface	San Jose	Menefee	4151'
	Ojo Alamo	1885'	Point Lookout	4774'
	Kirtland	1994'	Gallup	5914'
	Fruitland	2288'	Greenhorn	
	Pictured Cliffs	2550'	Graneros	
	Lewis	2632'	Dakota	
	Mesa Verde	4077'	Total Depth	6400'

B. Logging Program: IES and GR-Density at Total Depth.

C. Coring Program: None

III. Drilling:

A. Mud Program: Mud from surface to Total Depth.

IV. Materials:

A. Casing Program:	<u>Hole Size</u>	<u>Depth</u>	<u>Csg. Size</u>	<u>Wt. & Grade</u>
	12 1/4"	200'	8 5/8"	24.0# K-55
	7 7/8"	6400'	4 1/2"	10.5# K-55

B. Float Equipment: 8 5/8" Surface casing - cement guide shoe.

4 1/2" Production Casing- Guide shoe and self-fill insert valve, one stage cementer equipped for two stage cementing. Set tool for second stage at 2732'. Run 14 centralizers spaced as follows: One on each of the bottom 8 joints, one below the stage tool and five above the stage tool spaced every other joint.

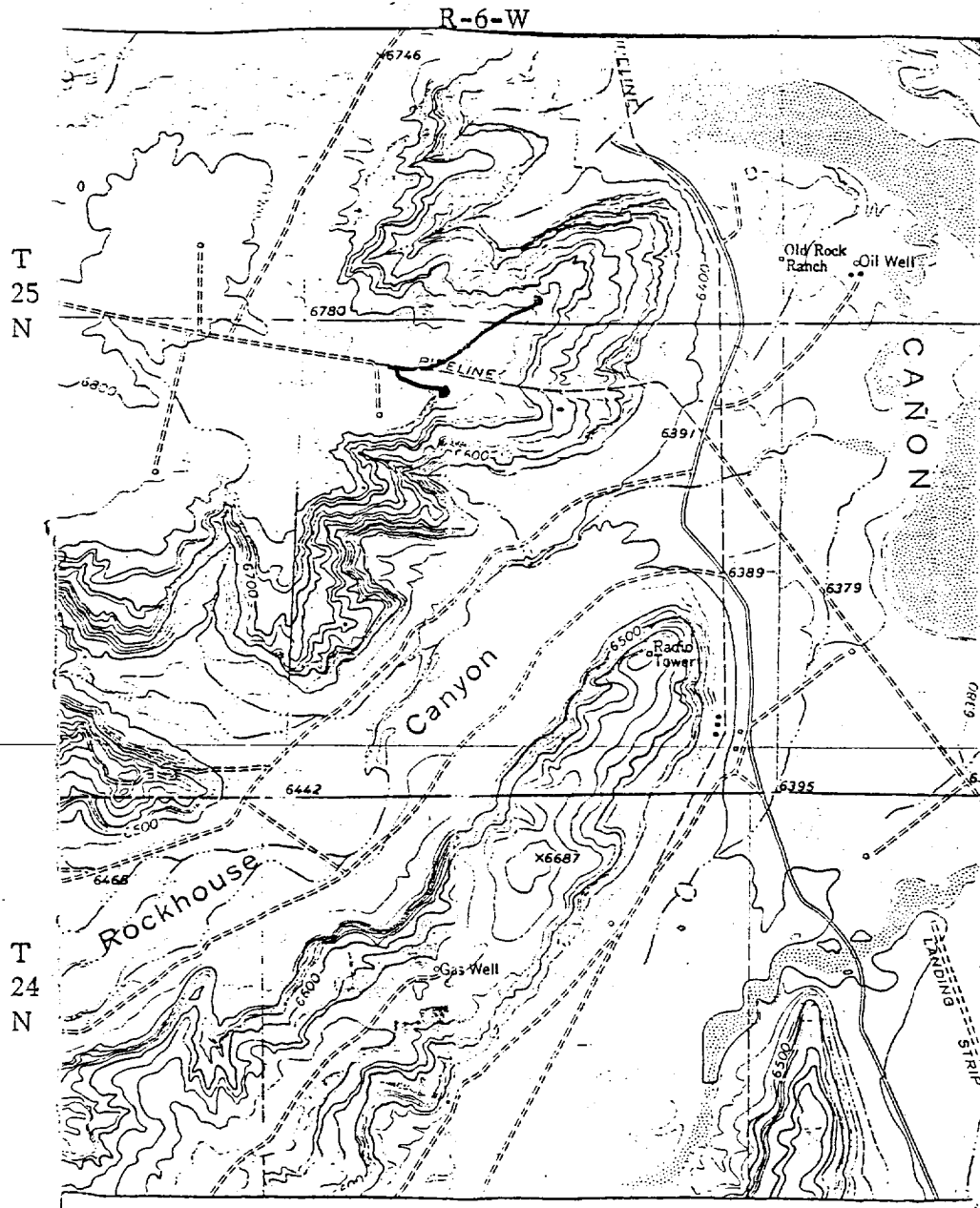
C. Tubing: 6400' of 2 3/8", 4.7#, J-55 tubing, common pump seating nipple and Baker expendable check valve with drill type guide.

D. Wellhead Equipment: 8" 600 x 8 5/8" casing head. 8" 600 x 6" 600 Xmas tree.

V. Cementing:

Surface casing (12 1/4" x 8 5/8") - use 140 sks. of Class "B" cement with 1/4# gel-flake/sk. and 3% calcium chloride (165 cu. ft. of slurry, 100% excess to circulate). W.O.C. 12 hours. Test to 600#/30 min.

CANYON LARGO UNIT #326
NW 33-25-6



LEGEND OF RIGHT-OF-WAYS

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