

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

Observation

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

389'N, 715'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)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

6131'GL

16. NO. OF ACRES IN LEASE
Total project
acres-14,728

19. PROPOSED DEPTH

2453'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

N/A

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

July 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	20.0# K-55	528'	159 cu.ft. to circulate
6 1/4"	4 1/2"	10.5# K-55	2453'	62 cu.ft. to fill 400' above the shoe.

This well will be used to observe pressures and gas migration in the storage interval of the Barker Creek Dome Gas Storage Project. The well will not be used to inject and/or withdraw gas.

The 4 1/2" casing will be set through and perforated across the storage interval.

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 Perry Bradford TITLE Drilling Clerk DATE June 10, 1977

(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.

2772

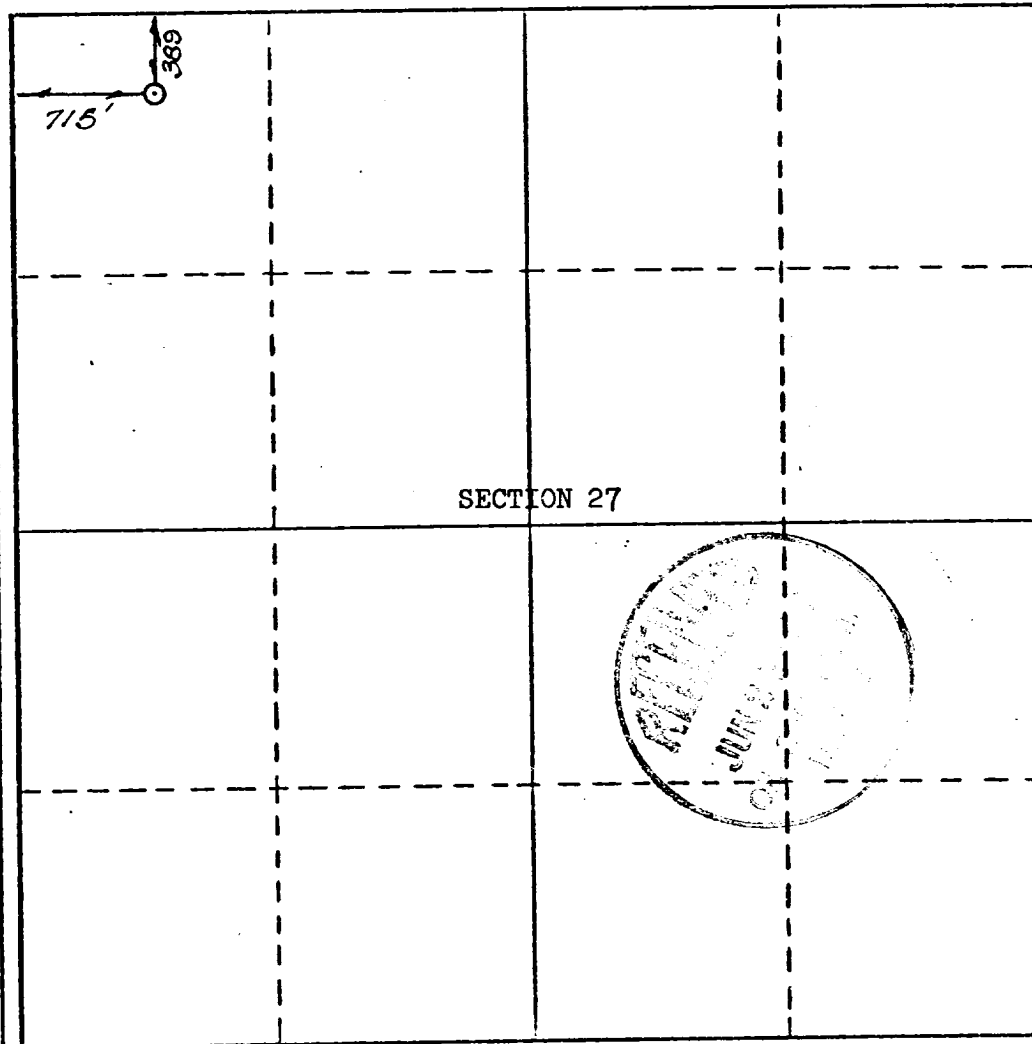
Operator EL PASO NATURAL GAS COMPANY		Lease UTE IND. TRIBAL I-22-IND-2622 BARKER CREEK DOME GAS STORAGE PROJECT		Well No. 0-33 ✓
Unit Letter D	Section 27	Township 32-N	Range 14-W	County SAN JUAN
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 389 feet from the NORTH line and 715 feet from the WEST line </div>				
Ground Level Elev. 6131	Producing Formation DAKOTA	Pool N/A	Dedicated Acreage: N/A ✓ 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 Commission. NOTE: THIS PLAT REISSUED TO SHOW LEASE INFORMATION. 5-5-77



CERTIFICATION

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

ORIGINAL SIGNED BY ✓

LARRY A. AIKES

Name

Sr. Drilling Engineer

Position

El Paso Natural Gas Co.

Company

June 10, 1977

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

APRIL 15, 1977

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0