

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

(Other instructions on  
reverse side)

RECEIVED

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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 ☒

AREA

2. NAME OF OPERATOR

Presidio Exploration Company

3. ADDRESS OF OPERATOR

3131 Turtle Creek Blvd., Suite 400 - Dallas, Texas 75219

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

At surface

2310' 2130 FWL & 860 FSL

At proposed prod. zone

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

8 miles N.E. of Carlsbad, N.M.

15. DISTANCE FROM PROPOSED\*

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

860 FSL

16. NO. OF ACRES IN LEASE

188.25

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

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

19. PROPOSED DEPTH

6100

20. ROTARY OR CABLE TOOLS

Rotary

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

3207 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
17-1/2	13-3/8	54.5	437	400 sx circ.
12-1/4	8-5/8	24.0	2547	1400 sx circ.
7-7/8	5-1/2	15.5	5617	875 sx 2 stages

Initial completion included flow test of this Bone Springs formation from 5528'-5550. Zone was plugged off with bridge plug at 5000' and 35' cement cap. Well was completed as a N.W. Fenton Delaware Field well. This zone is now marginal. Work to be done includes drilling out the plug and recompleting from the Bone Springs.

The Delaware will be isolated in the annulus with a packer set above the Bone Springs. This will allow a return to the Delaware if the Bone Springs zone has been depleted.

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

*[Signature]*

TITLE

District Engineer

DATE

10-22-90

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

10 24 90

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side