

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN \_\_\_\_\_ DATE \_\_\_\_\_  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Discovery Operating, Inc.

3. ADDRESS AND TELEPHONE NO.

800 N. Marienfeld, Suite 100, Midland, TX 79701

(915) 683-5203

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

At surface

1938' FNL & 2157' FWL

At proposed prod. zone

Same as above

Unit F

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

12 miles NW of Jal, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

1938 FNL

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

1st well

19. PROPOSED DEPTH

14,500

20. ROTARY OR CABLE TOOLS

Rotary

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

3489' GR

CAPTAN CONTROLLED WATER BASIN

22. APPROX. DATE WORK WILL START\*

1/15/98

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	500'	5 SX
12 1/4"	9 5/8"	36# & 40#	5,000'	850 SX
8 3/4"	7"	23# & 26#	12,900'	530 SX
6 1/8"	5"	18#	14,500	175 SX

See attached Supplemental Drilling Data & Surface Use Plan.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

OVER CORRID NO. 6233  
PROPERTY NO. 22177  
APPROVAL CODE ✓  
DATE 12/29/97  
AP NO. 30-025-34253

acc  
12/17/97

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 W. Jeffrey Marks TITLE Vice President DATE 12-10-97

(This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY CW TITLE ADM, MINE DATE 12/15/97

\*See Instructions On Reverse Side