

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-26013

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

3. ADDRESS OF OPERATOR

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

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.)

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT            |
|--------------|----------------|-----------------|---------------|-------------------------------|
| 12 1/4"      | 9 5/8"         | 36 #            | 1200'         | 600 SXS Class "C" Circ        |
| 8 3/4"       | 7"             | 26 #            | 8100'         | 1400 SXS Class "H" + "C" Circ |

It is proposed to drill a straight hole to 8100' and complete as a Cisco Canyon oil well. Attached is a location and acreage dedication plat, a proposed Well Plan Outline and a Surface Use Plan.

Post 10-1  
NL & API  
11-18-88

This will be a replacement well for Barbara Federal No. 2. The communitization agreement for No. 2 will be extended to this well and the proration unit will be only for this well once it starts producing.

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.

SIGNED D. F. Finney TITLE Adm. Supervisor DATE 10/3/88

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

Orig. Signed by Richard L. Manus

AREA MANAGER

APPROVED BY CARLSBAD RESOURCE AREA DATE 11-9-88

CONDITIONS OF APPROVAL, IF ANY: