

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ARTESIA, NM 87020

3-31-97 JP  
3-31-97 RAN

CLH

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

RECEIVED

2. NAME OF OPERATOR

CHEVRON U.S.A. INC. ATTN: J. K. Ripley

4323

MAY - 7 1997

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 1150, MIDLAND, TX 79702 915-687-7826

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

At surface 2475' FNL & 1050' FWL UNIT E

SUBJECT TO  
LIKE APPROVAL  
BY STATE

OIL CON. DIV

5. LEASE DESIGNATION AND SERIAL NO.

NM-91078

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME, WELL NO.

LENTINI "1" FEDERAL #16

15095

9. API WELL NO.

30-013-23614

10. FIELD AND POOL, OR WILDCAT

HERRADURA BEND; DELAWARE, EAST

30670

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SEC. 1, T23S, R28E

12. COUNTY OR PARRISH

EDDY

13. STATE

NM

At proposed prod. zone

2475' FNL & 1671' FWL

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

8 MILES NORTHEAST OF LOVING, NM

15. DISTANCE FROM PROPOSED

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.

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

1050'

18. DISTANCE FROM PROPOSED LOCATION\*

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

16. NO. OF ACRES IN LEASE

800

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

19. PROPOSED DEPTH

6400'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3057'

CARLSBAD CONTROLLED WATER BASIN

22. APPROX. DATE WORK WILL START\*

7/15/97 \*\*\*\*

PROPOSED CASING AND CEMENTING PROGRAM

SECRETARY'S POTASH

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|-----------------------|-----------------|---------------|--------------------|
| 12-1/4"      | 9-5/8"                | 24              | 250'          | SURFACE            |
| 8-3/4"       | 5-1/2"                | 15.5            | 5975' MD      | SURFACE            |
| 4-3/4"       | N/A                   | OPEN HOLE       | 6320' MD      | SURFACE            |

WITNESS  
WITNESS

CHEVRON USA PROPOSES TO DRILL TO APPROXIMATELY 5550' TVD AND THEN DIRECTIONALLY DRILL TO 80 DEGREE HOLE ANGLE ON A 90 DEGREE AZIMUTH AND CMT 5-1/2" CSG AT 5975' MD. THE 4-3/4" HOLE SECTION WILL THEN BE DRLED AT 80 DEGREE HOLE ANGLE AND 90 DEGREE AZIMUTH TO TD OF 6320' MD AND THE WELL COMPLETED OPEN HOLE. IF WELL IS DEEMED TO BE NON-COMMERCIAL, THE WELL WILL BE PLUGGED AND ABANDONED AS PER FEDERAL REGULATIONS. PROGRAMS TO ADHERE TO ONSHORE OIL AND GAS REGULATIONS ARE OUTLINED IN THE ATTACHMENTS.

NSL- DD

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

RECEIVED

MAR 28 '97

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new production 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 J.K. Ripley TITLE TECHNICAL ASSISTANT

DATE 3/27/97

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 [Signature] TITLE Acting State Director

DATE 4-21-97

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

65-1198

Posted ID-1  
NL & APT  
5-23-97