

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI. GATE\*  
(Other instructions on  
reverse side)

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

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

27805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

7. FARM OR LEASE NAME

Connally Federal

8. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat atoka  
E. Red Tank Morrow

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA  
Sec. 15-T22S-R32E

12. COUNTY OR PARISH

Lea New Mexico

13. STATE

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

22. APPROX. DATE WORK WILL START\*

12/21/89

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

Mercury Exploration Company

3. ADDRESS OF OPERATOR

1619 Pennsylvania Avenue, Fort Worth, TX 76104

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

At surface  
1980' FSL & 1980' FEL of Sec. 15 - T22S - R32E

At proposed prod. zone  
Same

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

20 miles SW of Halfway

10. DISTANCE FROM PROPOSED\*

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

1980

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

None

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

GR 3728

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 26"          | 16"            | 65#             | 573           | 1410 SX            |
| 14-3/4"      | 10-3/4"        | 51#             | 4695          | 3350 SX            |
| 9-1/2"       | 7-5/8"         | 33.7#           | 12116         | 835 SX             |
| 6-1/2"       | 5"             | 23#             | 15119         | 515 SX             |

1. Rig up and set DR plug in Model "D" packer @ 14,200' test to 2500#
2. Set new Model "D" packer @ 13,558'
3. Perforate <sup>atoka</sup> 13,793 - 814 2 spf and 13,636 - 41 2 spf with tubing gun
4. Acidize w/2500 gallons NEFE 15% acid
5. Flow back and put on production

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 Production Supt. DATE 07/09/90

(This space for Federal or State office use)

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

Orig. Signed by Adam Salimch

APPROVED BY \_\_\_\_\_ TITLE PETROLEUM ENGINEER DATE 7-17-90

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

RECEIVED

JUL 20 1990

CCC  
HOLDS OFFICE