

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
897 S. DEER

APPLICATION FOR PERMIT TO DRILL

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☒

Artesia, NM 88211-2831

b. TYPE OF WELL

OIL WELL ☒

Gas Well ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Mack Energy Corporation

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960 Artesia, NM 88211-0960

(505) 748-1288

4. LOCATION OR WELL (Report location clearly and in accordance with any state requirements.)

At surface

2310 FSL 330 FWL

At proposed prod. zone

2310 FSL 330 FWL

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

.75 miles West from Loco Hills, NM

15. DISTANCE FROM PROPOSED*

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

330

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES IN LEASE
TO THIS WELL

40

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

660

19. PROPOSED DEPTH

4900

20. ROTARY OR CABLE TOOLS

Rotary

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

3627 DF

22. APPROX. DATE WORK WILL START*

1/30/97

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | GRADE, SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|-----------------------|-----------------|---------------|--------------------|
| 12 1/4 | 10 3/4 | 40.5 | 550 | 50 |
| 7 7/8 | 7 | 20 | 2640 | 100 |
| 6 1/8 | 4 1/2, J-55 | 11.6 | 4900 | Circ |

Mack Energy Proposes to deepen well from PBTD of 3291' to 4900', Log well and run 4 1/2 J-55 liner from 4900'

to Surface and cement liner from 4900' to 2000'. Perf liner and test for commercial production. Mack Energy requests a

workover pit for this proposed work.

Reserve well

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 Crista D. Carter TITLE Production Clerk DATE 1/29/97

(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: Reserve pit must be lined & upon completion of workover
the pit must be fenced. Use of BOP is required

APPROVED BY ARMANDO A. LOPEZ TITLE PETROLEUM ENGINEER DATE 2/3/97

*See Instructions On Reverse Side