

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
811 S. 1st Street  
Albuquerque, NM 88210-2834

LEASE DESIGNATION AND SERIAL NO.

LC-054280

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

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 requirement.)\*

At surface

2430 FSL 990 FEL

At proposed prod. zone

2430 FSL 990 FEL

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

.1 miles West of Loco Hills, NM

15. DISTANCE FROM PROPOSED\*

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

210

16. NO. OF ACRES IN LEASE

160

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.)

3631 GR

22. APPROX. DATE WORK WILL START\*

5/15/97

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	2674	100
6 1/8	4 1/2, J-55	11.6	4900	Circ

Mack Energy Proposes to deepen well from PBTD of 3349' 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 oil

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:

APPROVED BY (ORIG. SGD.) ARMANDO TITLE PETROLEUM ENGINEER DATE 2/4/97

\*See Instructions On Reverse Side