

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE\* Form approved.  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

Oil Co. Division  
11 S. 1st Street  
Artesia, NM 88210-2834

5. LEASE DESIGNATION AND SERIAL NO.

LC-029342-A

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

330 FSL 1650 FWL

At proposed prod. zone

330 FSL 1650 FWL

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

1/4 miles South of Loco Hills, NM

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARMOR LEASE NAME, WELL NO

Federal X #3

9. API WELL NO

30-015-04246

10. FIELD AND POOL, OR WILDCAT

Grayburg Jcksn, SR,QN,GB,SA

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

Sec 21-T17S-R30E

12. COUNTY OR PARISH

Eddy

13. STATE

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

120

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.)

22. APPROX. DATE WORK WILL START\*

4/24/97

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	552	50
7 7/8	7	20	1805	50
6 1/8	4 1/2, J-55	11.6	4900	Circ

Mack Energy Proposes to deepen well from PBTD of 1880' 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:

APPROVED BY

(ORIG. SCD.) ARMANDO A. LOPEZ

TITLE

PETROLEUM ENGINEER

DATE

2/4/97

\*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.