

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONSERVATION
811 S. ...
Artesia, NM 88210-2834

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

45F

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

660 FSL 1980 FWL

FLB - 5 1997

At proposed prod. zone

660 FSL 1980 FWL

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

3/4 miles Northwest of Loco Hills, NM

15. DISTANCE FROM PROPOSED*

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

660

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.

330

19. PROPOSED DEPTH

4900

20. ROTARY OR CABLE TOOLS

Rotary

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

3652 GR

22. APPROX. DATE WORK WILL START*

6/5/97

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	28.52	532	100
7 7/8	7	20	3295	100
6 1/8	4 1/2, J-55	11.6	4900	Circ

Mack Energy Proposes to deepen well from PBTD of 2672' 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~~ reserve oil pit for this proposed work.

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

Cesar 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:

The reserve pit must be lined and upon completion of workover the pit must be forced. BOP required.

APPROVED BY

(ORIG. SGD.) ARMANDO A. LOPEZ

TITLE

PETROLEUM ENGINEER

DATE

2/3/97

*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.