

NOV 03 2008  
RECEIVED  
OCD - ARTESIA  
1171213141516171819202122232425262728293031

If earthen pits are used in association with the drilling of this well, an OCD pit permit must be obtained prior to pit construction.

RTESIA  
SUBMIT IN DUPLICATE\*  
(Or Instructions on side)

Form approved. *K-00-03*  
Budget Bureau No. 1004-0136  
Expires: December 31, 1991

### 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

*13837*

3. ADDRESS AND TELEPHONE NO.

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

(505) 748-1288

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

At surface

660 FSL & 1980 FWL

At proposed prod. zone

660 FNL & 1980 FWL

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

6 miles southeast of Hope, 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

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

N/A

19. PROPOSED DEPTH

8200

17. NO. OF ACRES IN LEASE TO THIS WELL

320

20. DRILLARY OR CABLE TOOLS

Rotary

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

3897' GR

ROSWELL CONTROLLED WATER BASIN

22. APPROX. DATE WORK WILL START\*

8/30/2006

23.

#### PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	H-40, 13 3/8	48	450	Circ
12 1/4	J-55, 9 5/8	36	1400	Suff to Circ
7 7/8	J-55, 5 1/2	17	8200	Suff to Circ

Mack Energy proposes to drill to a vertical hole to +/- 4900', drill horizontal appr. 3960' north test the Wolfcamp formation. Run 5 1/2" casing and cement. If non-productive, the well will be plugged and abandoned in a manner consistent with federal regulation. Specific programs as per Onshore Oil and Gas Order #1 are outlined in the following attachments:

#### 1. Surveys

- Exhibit #1- Well Location Plat
- Exhibit #2- Vicinity Map
- Exhibit #3- Location Verification Map

#### 4. Certification

#### 5. Hydrogen Sulfide Drilling Operation Plan

- Exhibit #7- H2S Warning Sign
- Exhibit #8- H2S Safety Equipment

#### 7. Responsibility Statement

If earthen pits are used in association with the drilling of this well, an OCD pit permit must be obtained prior to pit construction.

#### 2. Drilling Program

#### 3. Surface Use & Operating Plan

- Exhibit #4- One Mile Radius Map
- Exhibit #5- Production Facilities Layout
- Exhibit #6- Location Layout

#### 6. Blowout Preventers

- Exhibit #9- BOPE Schematic
- Exhibit #10- Blowout Preventer Requi
- Exhibit #11- Choke Manifold

APPROVAL FOR 1 YEAR

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

*Jerry W. Sherrill*

TITLE

Production Clerk

DATE

8/1/2006

(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 operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS  
AND SPECIAL STIPULATIONS  
ATTACHED

APPROVED BY

*/s/ James Stovall*

ACTING

TITLE FIELD MANAGER

DATE

NOV 03 2006

\*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.

## State of New Mexico

Energy, Minerals and Natural Resources Department

## DISTRICT I

FRANCIS DR., HOBBS, NM 88240

## DISTRICT II

1500 AVENUE, ARTESIA, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 97488	Pool Name WILDCAT ; WOLFCAMP
Property Code	Property Name SABINE FEDERAL COM	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3897'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	18-S	23-E		660	SOUTH	1980	WEST	EDDY

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	18-S	23-E		660	NORTH	1980	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

