

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|--|--------------------------------|----------------------------|
| Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960 | | OGRID Number 013837 |
| | | API Number 30-025-35675 |
| Property Code 28642 | Property Name Chinook State | Well No. 1 |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|---------|
| G | 10 | 17S | 33E | | 1650 | North | 2001 | East | Lea, NM |

Proposed 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 |
|-------------------------------------|---------|----------|-------|---------|-----------------|------------------|---------------|----------------|--------|
| Proposed Pool 1 Wildcat Wolfcamp | | | | | Proposed Pool 2 | | | | |

| Work Type Code | Well Type Code | Cable/Rotary | Lease Type Code | Ground Level Elevation |
|----------------|----------------|--------------|-----------------|------------------------|
| N | O | R | S | 4163 |
| Multiple | Proposed Depth | Formation | Contractor | Spud Date |
| No | 11700 | Wolfcamp | | 9/15 01 |

Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|--------------------|---------------|
| 17 1/2 | 13 3/8 | 48 | 450' | Circ | |
| 11 | 8 5/8 | 32 | 4600' | Sufficient to Circ | |
| 7 7/8 | 5 1/2 | 17 | 11700' | Sufficient to Circ | |
| | | | | | |
| | | | | | |

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mack Energy Corporation proposes to drill to 450', run 13 3/8" casing and cement. Drill to 4600', run 8 5/8" casing and cement. Drill to 11700' and test Wolfcamp Zone, run 5 1/2" casing and cement. Put well on production.

Note: On Production string, a fluid caliber will be run and will figure cement with 25% excess, attempt to circulate.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief
Signature

Printed name:

Crissa D. Carter

Title:

Production Analyst

Date:

8/20/01

Phone:

(505)748-1288

OIL CONSERVATION DIVISION

Approval by:

Title:

Approval Date:

Expintion Dste

Conditions of Approval:

Attached ☐