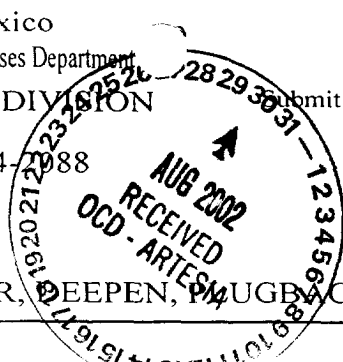


District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street Artesia, NM 88210-1404
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

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 - 5 Copies
Fee Lease - 5 Copies



☐ AMENDED REPORT

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

| | | |
|--|---------------------------------|----------------------------|
| Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960 | | OGRID Number 013837 |
| | | API Number 30-015-32442 |
| Property Code 17568 | Property Name Antelope State | Well No. 6 |

Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L | 36 | 17S | 31E | | 1600 | South | 330 | West | Eddy |

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 Tamano San Andres | | | | | Proposed Pool 2 | | | | |

| Work Type Code N Multiple No | Well Type Code O Proposed Depth 5000' | Cable/Rotary R Formation San Andres | Lease Type Code S Contractor L & M | Ground Level Elevation 3813' Spud Date 9/19/02 |
|---------------------------------------|--|--|---|---|
|---------------------------------------|--|--|---|---|

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 | 800' | Circulated | Surface |
| 12 1/4 | 8 5/8 | 32 | 2200' | Sufficient to Circ | Surface |
| 7 7/8 | 5 1/2 | 17 | 5000' | Sufficient to Circ | Surface |
| | | | | | |
| | | | | | |

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 800', run 13 3/8" casing and cement. Drill to 2200', run 8 5/8" casing and cement. Drill to 5000' and test San Andres 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.

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:

8/29/02

Phone:

(505)748-1288

Approval by:

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

SEP 12 2002

Expiration Date:

SEP 12 2003

Conditions of Approval:

Attached ☐