

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 30-025-36932 |
| Property Code 6149 | Property Name Miller BW State | Well No. 3 |

Surface Location

| | | | | | | | | | |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. K | Section 3 | Township 17S | Range 34E | Lot Idn | Feet from the 1840 | North/South line South | Feet from the 2120 | East/West line West | County Lea |
|--------------------|--------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

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 Vacuum; Lower Wolfcamp, North (62380) | | | | | Proposed Pool 2 | | | | |

| | | | | |
|---------------------|--------------------------|-----------------------|----------------------|------------------------------------|
| Work Type Code D | Well Type Code O | Cable/Rotary R | Lease Type Code S | Ground Level Elevation 4064' GR |
| Multiple No | Proposed Depth 11,000 | Formation Wolfcamp | Contractor | Spud Date 12/15/2005 |

Proposed Casing and Cement Program

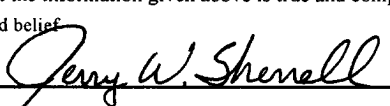
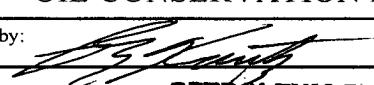
| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17 1/2 | 13 3/8" | 48 | 300 | 300 | Circulated |
| 12 1/4 | 8 5/8" | 32 | 2900 | 1200 | Circulated |
| 7 7/8 | 5 1/2" | 17 | 11,000 | 1600 | Circulated |
| | | | | | |
| | | | | | |

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 this well to a depth of 11,000' log well and evaluate the Wolfcamp formation, run 5 1/2 casing and cement. Put well on production.

This well was originally permitted to the Abo, at this time we would like to change the TD to 11,000' and produce the Wolfcamp.

NSL-5314

| | | | |
|---|--|--|--|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature  | | OIL CONSERVATION DIVISION | |
| Printed name: Jerry W. Sherrell | | Approval by:  | |
| Title: Production Clerk | | Title: PETROLEUM ENGINEER | |
| Date: 12/8/2005 | | Approval Date: DEC 21 2005 | |
| Phone: (505)748-1288 | | Expiration Date: Exptintion Dstc | |
| | | Conditions of Approval: Attached <input type="checkbox"/> | |

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., HOBBBS, NM 88240

DISTRICT II

1301 W. GRAND 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 JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

| | | |
|----------------------------|--|--|
| API Number 30-025-36932 | Pool Code 62380 | Pool Name Vacuum; Lower Wolfcamp, North |
| Property Code 6149 | Property Name MILLER BW STATE | Well Number 3 |
| OGRID No. 013837 | Operator Name MACK ENERGY CORPORATION | Elevation 4064' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K | 3 | 17-S | 34-E | | 1840 | SOUTH | 2120 | WEST | LEA |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |

| | | | |
|-----------------------|--|--------------------|-----------------------|
| Dedicated Acres 80 | Joint or Infill <input checked="" type="checkbox"/> | Consolidation Code | Order No. NSL-5314 |
|-----------------------|--|--------------------|-----------------------|

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

| | | | |
|--|-------------------|-------------------|-------------------|
| LOT 4 41.56 AC | LOT 3 41.46 AC | LOT 2 41.38 AC | LOT 1 41.28 AC |
| | | | |
| <p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=678057.1 N X=740613.2 E</p> <p>LAT.=32°51'41.79" N LONG.=103°32'59.07" W</p> | | | |

OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Jerry W. Sherrell
Signature

Jerry W. Sherrell
Printed Name

Production Clerk
Title

12/8/2005
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 26, 2004

Date Surveyed

Signature & Seal of Professional Surveyor

Gary A. Edson
Signature

04.11.1270
Date

Certificate No. GARY EDSON 12641