

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
811 South First, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Form C-105  
Revised 1-1-89

WELL API NO.

30-015-33306

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-4456

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WELL ☒ WORK OVER ☐ Deepen ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator

Mack Energy Corporation

3. Address of Operator

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

4. Well Location

Unit Letter I : 1980 Feet From The South Line and 660 Feet From The East Line

Section 19 Township 17S Range 28E NMPM Eddy County

10. Date Spudded

6/18/2004

11. Date TD Reached

6/22/2004

12. Date Compl. (Ready to Prod.)

7/26/2004

13. Elevations (DF & RKB, RT, GR, etc.)

3598' RKB

14. Elev. Casinghead

3589'

15. Total Depth

1980

16. Plug Back TD

1963

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools  
Yes

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

1836-1872', Grayburg

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

22. Was Well Cored

No

23.

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8 5/8       | 24             | 427       | 12 1/4    | 425 sx           | None          |
| 4 1/2       | 10.5           | 1980      | 7 7/8     | 750 sx           | None          |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

24.

**LINER RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |
|      |     |        |              |        |
|      |     |        |              |        |

**25. TUBING RECORD**

| SIZE  | DEPTH SET | PACKER SET |
|-------|-----------|------------|
| 2 3/8 | 1907      |            |
|       |           |            |
|       |           |            |

26. Perforation record (interval, size, and number)

1836-1872', .45, 11

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

1836-1872' 1500 gals 15% NEFE

1836-1872' 32,738 gals 40# gel

1836-1872' 38,500# 16/30 sand

28.

**PRODUCTION**

Date First Production

7/30/2004

Production Method (Flowing, gas lift, pumping - Size and type pump)

2 x 1 1/2 x 10' pump

Well Status (Prod. or Shut-in)

Producing

Date of Test

8/6/2004

Hours Tested

24 hours

Choke Size

Prod'n For Test Period

Oil - Bbl.

10

Gas - MCF

tstm

Water- Bbl.

92

Gas - Oil Ratio

0

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

10

Gas - MCF

tstm

Water- Bbl.

92

Oil Gravity - API - (Corr.)

37

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Robert C. Chase

30. List Attachments

Deviation Survey and Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

*Jerry W. Sherrell*

Printed Name

Jerry W. Sherrell

Title

Production Clerk

Date

8/10/2004

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

**Southeastern New Mexico    Northwestern New Mexico**

|                          |                        |                             |                        |
|--------------------------|------------------------|-----------------------------|------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____ 526    | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____ 1097      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____ 1548   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____ 1874 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Otzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Delaware Sand _____ | T. Todilto _____            | T. _____               |
| T. Drinkard _____        | T. Bone Springs _____  | T. Entrada _____            | T. _____               |
| T. Abo _____             | T. _____               | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn _____            | T. _____               | T. Permain _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn "A" _____           | T. _____               |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from ..... to ..... feet .....

No. 2, from ..... to ..... feet .....

No. 3, from ..... to ..... feet .....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>in Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370  
(505) 746-4405 746-3518 748-2205

June 30, 2004

Mack Energy Corporation  
PO Drawer 960  
Artesia, NM 88211-0960

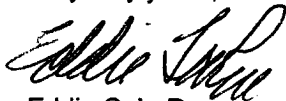
RE: Red Lake Sand Unit #69  
2980' FSL & 660' FEL  
Sec. 19, T17S, R28E  
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|-----------|
| 150'  | 3/4°      |
| 330'  | 1/2°      |
| 633'  | 3/4°      |
| 940'  | 1/2°      |
| 1408' | 3/4°      |
| 1874' | 1°        |
| 1980' | 1°        |

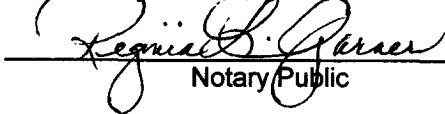
Very truly yours,



Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

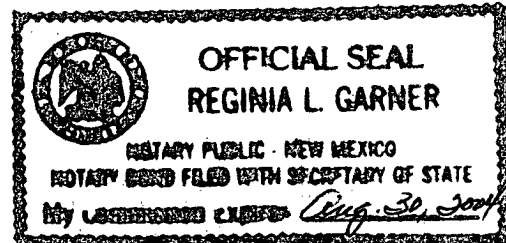
The foregoing was acknowledged before me  
this 30<sup>th</sup> day of June, 2004.

  
\_\_\_\_\_  
Notary Public

RECEIVED

AUG 11 2004

OCB-ARTESIA



04-06-62

SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINCE 1978

RECEIVED

JUL 02 2004