

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.

30-015-33297

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-2178

**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 ☐

**RECEIVED**

7. Lease Name or Unit Agreement Name

Red Lake Sand Unit

8. Well No.

73

2. Name of Operator

Mack Energy Corporation

JUL 22 2004

3. Address of Operator

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

**900-ARTESIA**

9. Pool name or Wildcat

Red Lake Shores:Grayburg

4. Well Location

Unit Letter L : 2310 Feet From The South Line and 990 Feet From The West Line

Section 20 Township 17S Range 28E NMPM Eddy County

10. Date Spudded

5/18/2004

11. Date TD Reached

5/22/2004

12. Date Compl. (Ready to Prod.)

6/7/2004

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

3628' RKB

14. Elev. Casinghead

3619'

15. Total Depth

2120

16. Plug Back TD

2100

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

1885-1920.5', 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	32	427	12 1/4	448 sx	None
4 1/2	10.5	2119	7 7/8	725 sx	None

24.

**LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

**TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2 3/8	1944	

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

1885-1920.5', .45, 12

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

1885-1920.5'

1500 gals 15% NEFE

1885-1920.5'

41,540# 16/30 sand

1885-1920.5'

36,000 gals 40# gel

28.

**PRODUCTION**

Date First Production 6/10/2004		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 6/14/2004	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 9	Gas - MCF tstm	Water- Bbl. 210	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 9	Gas - MCF tstm	Water- Bbl. 210	Oil Gravity - API - (Corr.) 37	

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

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

7/21/2004

## 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 _____ 576	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1146	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 1598	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1922	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. 3, from ..... to .....  
No. 2, 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 in Feet	Lithology

From	To	Thickness 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

May 28, 2004

RECEIVED

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

MAY 28 2004

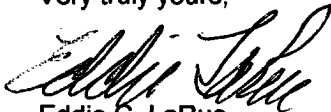
RE: Red Lake Sand Unit #73  
2310' FSL & 990' FWL  
Sec. 20, T17S, R28E  
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION
147'	1/2°
268'	3/4°
422'	3/4°
694'	3/4°
944'	3/4°
1256'	1/2°
1567'	1°
1939'	3/4°
2120'	1/2°

Very truly yours,

  
Eddie C. LaRue  
Vice President

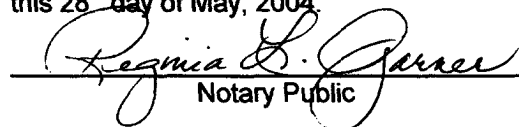
RECEIVED

MAY 28 2004

OCC-ARTESIA

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 28<sup>th</sup> day of May, 2004.

  
Regina L. Garner  
Notary Public

