

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.	
30-015-33296	
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
B-2178	

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____					7. Lease Name or Unit Agreement Name				
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> Deepen <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____					Red Lake Sand Unit				
2. Name of Operator					8. Well No.				
Mack Energy Corporation					74				
3. Address of Operator					9. Pool name or Wildcat				
P.O. Box 960, Artesia, NM 88211-0960					Red Lake Shores:Grayburg				
4. Well Location									
Unit Letter <u>K</u> : <u>2310</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>West</u> Line									
Section <u>20</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County									
10. Date Spudded		11. Date TD Reached		12. Date Compl. (Ready to Prod.)		13. Elevations (DF & RKB, RT, GR, etc.)		14. Elev. Casinghead	
6/6/2004		6/10/2004		6/23/2004		3654' RKB		3645'	
15. Total Depth		16. Plug Back TD		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By		Rotary Tools Cable Tools	
2125		2105				Yes			
19. Producing Interval(s), of this completion - Top, Bottom, Name								20. Was Directional Survey Made	
1913-1949.5', Grayburg								Yes	
21. Type Electric and Other Logs Run								22. Was Well Cored	
Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray								North	

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	RECEIVED
8 5/8	24	412	12 1/4	325 sx	None
4 1/2	10.5	2118	7 7/8	800 sx	JUL 21 2004
					OGD-ARTESIA

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	1957	

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	1913-1949.5'	1250 gals 15% NEFE
	1913-1949.5'	36,500 gals 40# gel
1913-1949.5', .45, 14		50,800# 16/30 sand

**PRODUCTION**

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
6/25/2004		2 x 1 1/2 x 10' pump				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/5/2004	24 hours			18	tstn	195	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
			18	tstn	195	37	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Sold						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 7/22/2004

## 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 _____ 366	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 618	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1187	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 1630	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 1951	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

# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

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

June 15, 2004

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

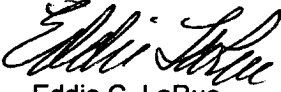
RE: Red Lake Sand Unit #74  
2310' FSL & 2310' FWL  
Sec. 20, T17S, R28E  
Eddy County, New Mexico

Gentlemen:

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

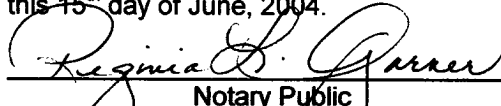
DEPTH	DEVIATION
160'	1°
339'	1°
412'	1°
605'	1/2°
1046'	1/4°
1505'	3/4°
1940'	1°
2125'	1 1/2°

Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO     }  
COUNTY OF EDDY         }

The foregoing was acknowledged before me  
this 15<sup>th</sup> day of June, 2004.

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

RECEIVED

JUN 18 2004

