

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.

30-015-34116

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-8560

**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

Marlin State

8. Well No.

2

9. Pool name or Wildcat

Grayburg Jackson SR Q G SA

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** : **1650**

Feet From The **South**

Line and **330**

Feet From The **East**

Line

Section **24**

Township **16S**

Range **31E**

NMPM

Eddy

County

10. Date Spudded

1/23/06

11. Date TD Reached

2/1/2006

12. Date Compl. (Ready to Prod.)

2/13/2006

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

4390' RKB

14. Elev. Casinghead

4377' GR

15. Total Depth

4266

16. Plug Back TD

4228

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

3655-4114', GB-SA

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

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	315	17 1/2	350sx	None
8 5/8	24	1168	12 1/4	625sx	None
5 1/2	17	4253	7 7/8	950sx	None

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
2 3/8	4144	

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

3655-4114', .42, 67

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

3655-4114'

See C-103 for detail

**PRODUCTION**

Date First Production 2/15/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) 2" x 1 1/2" x 20' pump				Well Status (Prod. or Shut-in) Producing	
Date of Test 3/5/2006	Hours Tested 24 hours	Choke Size	Prod'n For Test Period	Oil - Bbl. 30	Gas - MCF tstm	Water- Bbl. 265	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 30	Gas - MCF tstm	Water- Bbl. 265	Oil Gravity - API - (Corr.)	

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

vented

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

3/21/2006

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2462	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2762	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3362	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3778	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4115	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. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

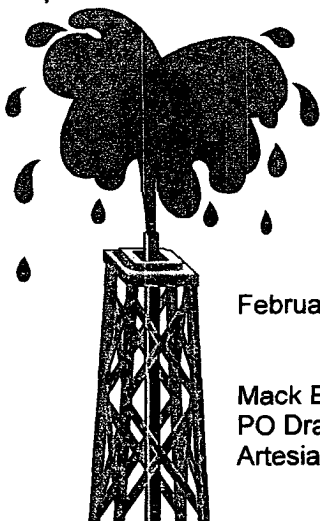
No. 1, from ..... to ..... No. 3, from ..... to .....  
No. 2, from ..... to ..... No. 4, from ..... to .....

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.....

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology



# Artesia Fishing Tool Co., Inc.

Oil Well Drilling Contractors

PO Box 1370  
505/746-6651

Artesia, NM 88211-1370  
746-3518 fax 748-2205

February 7, 2006

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

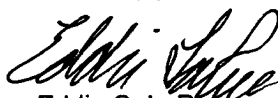
RE: Marlin State #2  
1650' FSL & 330' FEL  
Sec. 24, T16S, R31E  
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
195'	1/2°	2465'	2 1/2°
322'	1/2°	2590'	1 1/4°
517'	1/2°	2877'	1°
913'	3/4°	3117'	1°
1185'	3/4°	3523'	1°
1589'	3/4°	3923'	1 1/2°
1966'	1 1/2°	4260'	1°
2155'	1 1/2°		

Very truly yours,

  
Eddie C. LaRue  
Vice President

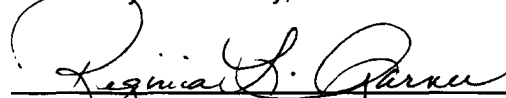
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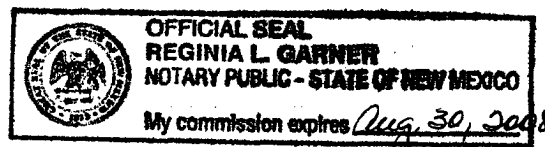
MAR 22 2006

EDDY COUNTY

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 7<sup>th</sup> day of February, 2006.

  
Regina L. Garner  
Notary Public



06-1396

*Serving Southeast New Mexico and West Texas Since 1974*