

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other in-
struction on
reverse side)FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.
NMMN-060894

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other AUG 27 2008

2. NAME OF OPERATOR

Mack Energy Corporation

3. ADDRESS AND TELEPHONE NO.

P.O. Box 960, Artesia, NM 88211-0960**(575) 748-1288**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

2410 FNL & 2310 FWL

At top prod. interval reported below

2297 FNL & 2301 FWL

At total depth

2295 FNL & 2302 FWL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Longhorns Federal #1

9. API WELL NO.

30-015-36259

10. FIELD AND POOL, OR WILDCAT

Red Lake; Glorieta- Yeso11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec. 6 T18S R27E**

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH**Eddy**

13. STATE

NM

15. DATE SPUDDED

6/25/2008

16. DATE T.D. REACHED

7/5/2008

17. DATE COMPL. (Ready to prod.)

8/1/2008

18. ELEVATIONS (DF, RKB; RT, GR, ETC.)*

3164' RKB

19. ELEV. CASING HEAD

20. TOTAL DEPTH, MD & TVD

4245'

21. PLUG, BACK T.D., MD & TVD

4172'22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

Yes

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

3919-4089' Red Lake; Glorieta-Yeso25. WAS DIRECTIONAL
SURVEY MADE**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8, J-55	24	1179'	12 1/4	600sx	None
5 1/2, J-55	17	4219'	7 7/8	740sx	None

29. LINER RECORD

30. TUBING RECORD

SIZE	T O P (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	4094'	

31. PERFORATION RECORD (Interval, size and number)

3919-4089', .41, 28

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3919-4089'	See 3160-5 for details

33. PRODUCTION

DATE FIRST PRODUCTION **8/05/2008** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **2 1/2 x 2 x 20' pump** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS- OIL RATIO
8/13/2008	24			30	59	243	1966

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
			30	59	243	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Deviation Survey and Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jerry W. Shenell

TITLE

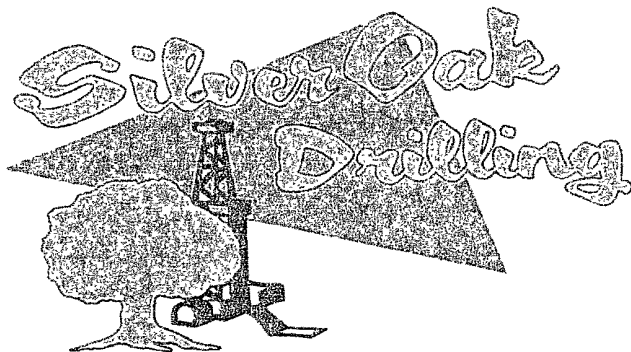
Production ClerkDATE **8/18/08**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See Instructions and spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES- (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC	NAME	TOP	
					MEAS DEPTH	TRUE VERT.DEPTH
Red Lake; Glorieta- Yeso	3919	4089		Queen	596	
				Grayburg	968	
				San Andres	1282	
				Glorietta	2620	
				Tubb	4094	



PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

July 17, 2008

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

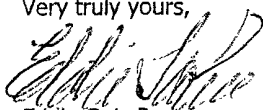
RE: Longhorns Federal #1
2410' FNL & 2310' FWL
Sec. 6, T18S, R27E
Eddy County, New Mexico

Dear Sir,

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

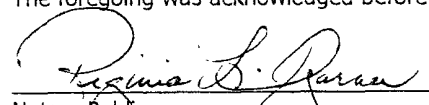
DEPTH	DEV/AZ	DIR/INC	DEPTH	DEV/AZ	DIR/INC
153.00	0.25	0.00	1627.00	14.81	355.5
349.00	0.75	0.00	2094.00	0.65	227.1
526.00	0.50	0.00	2468.00	0.43	191.0
649.00	0.25	0.00	2655.00	0.69	185.60
834.00	0.50	0.00	2811.00	0.72	195.60
990.00	2.50	0.00	2997.00	1.05	351.20
1083.00	2.75	0.00	3121.00	0.99	337.00
1154.00	2.00	0.00	3308.00	1.56	44.74
1284.00	9.47	3.51	3495.00	1.08	52.10
1377.00	9.25	20.63	3713.00	0.10	79.62
1471.00	13.80	14.68	3818.00	0.24	35.10
1564.00	15.18	3.10	3994.00	0.54	29.12

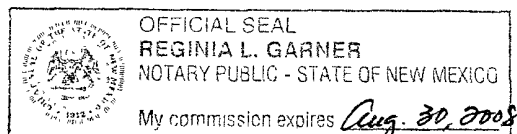
Very truly yours,

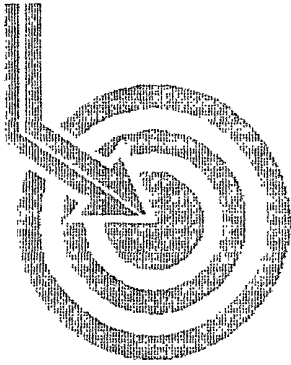

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 17th day of July, 2008.


Notary Public





Scientific Drilling

MACK ENERGY

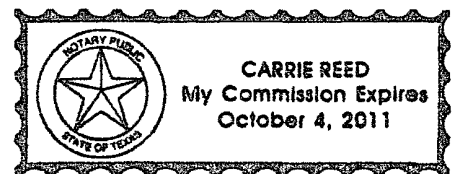
Field: Red Lake
Site: Eddy County, NM
Well: Longhorns Federal #1
Wellpath: DH - Job #32D0608477
Survey: 06/27/08-07/04/08

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*Fluorhart*..... Company Representative

Notorized this date 4th of August, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: MACK ENERGY Date: 07/31/2008 Time: 21:23:20 Page: 1
Field: Red Lake Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Site: Eddy County, NM Vertical (TVD) Reference: SITE 0 0
Well: Longhorns Federal #1 Section (VS) Reference: Well (0.00N,0.00E,354.55Azi)
Wellpath: VH - Job #32K0608488 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 06/29/08 Start Date: 06/29/2008
KSRG 0'-1000'
Company: Scientific Drilling Internatio Engineer: Melendez w/P&M
Tool: Keeper;Keeper Gyro Tied-to: From Surface

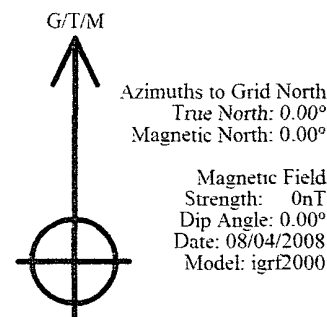
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.41	346.16	100.00	0.35	0.35	-0.09	0.41	0.36	346.16
200.00	0.68	340.39	199.99	1.28	1.25	-0.37	0.28	1.31	343.54
300.00	0.59	325.71	299.99	2.31	2.24	-0.86	0.19	2.40	338.99
400.00	0.54	344.57	399.98	3.22	3.12	-1.27	0.19	3.37	337.76
500.00	0.45	15.06	499.98	4.06	3.95	-1.30	0.27	4.16	341.81
600.00	0.31	97.32	599.98	4.36	4.30	-0.93	0.51	4.40	347.81
700.00	0.27	92.99	699.98	4.27	4.25	-0.42	0.05	4.27	354.30
800.00	0.98	209.22	799.97	3.53	3.49	-0.61	1.13	3.54	350.14
900.00	1.81	218.65	899.94	1.69	1.51	-2.01	0.86	2.51	306.92
1000.00	2.40	219.67	999.87	-0.92	-1.33	-4.33	0.59	4.53	252.89

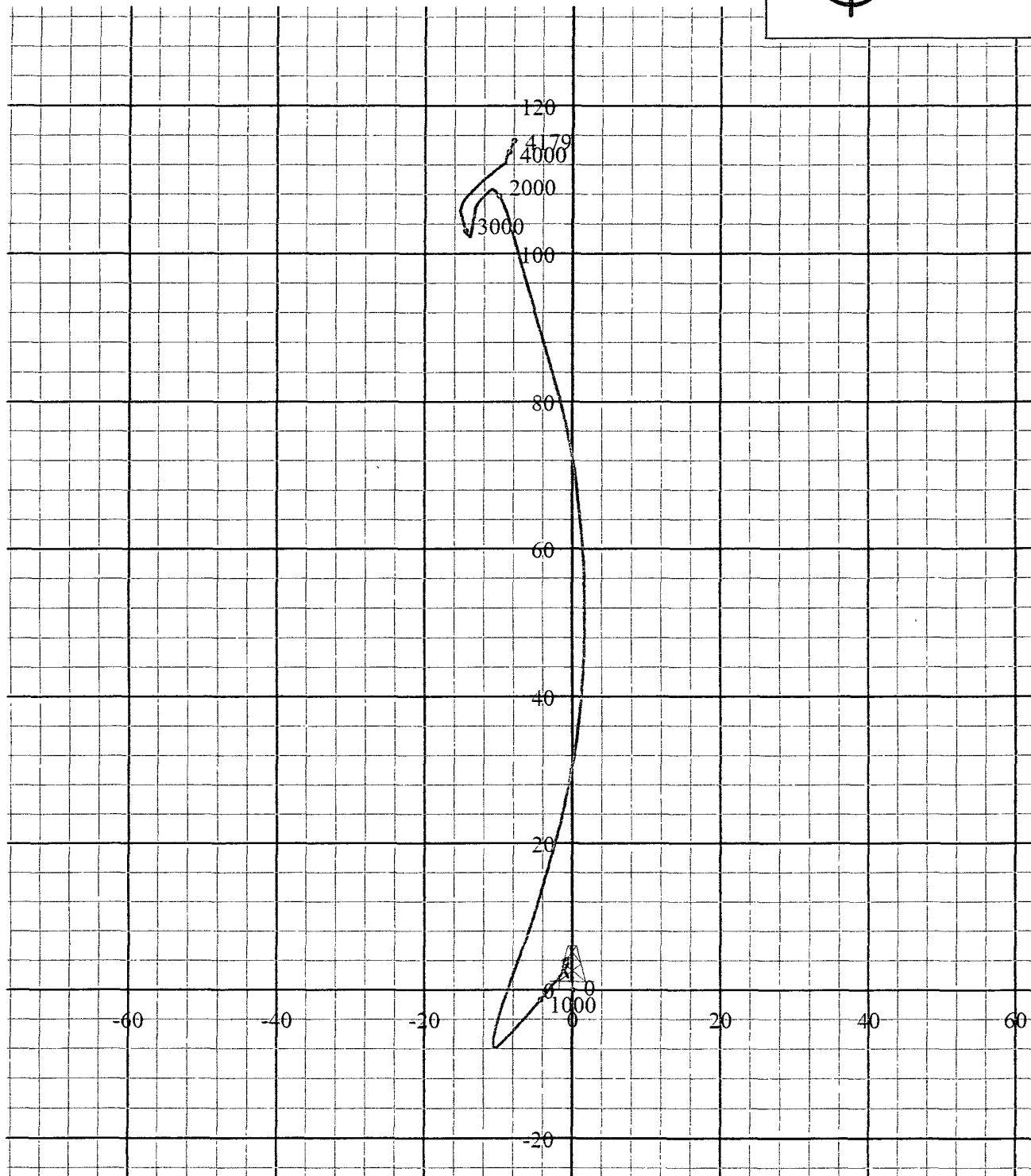


Scientific
Drilling

Field: Red Lake
Site: Eddy County, NM
Well: Longhorns Federal #1
Wellpath: DH - Job #32D0608477
Survey: 06/27/08-07/04/08



South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]