

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

FEB 27 2006

OCD-ARTESIA

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3. Address and Telephone No.

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

(505)748-1288

4. Location of Well (Footage, Sec., T. R., M. or Survey Description)

Surface Location 660 FSL & 1680 FWL, Sec. 21-T16S-R28E, Unit N
BHL 660 FSL & 660 FEL, Sec. 21-T16S-R28E, Unit P

5. Lease Designation and Serial No.

NMNM-100844

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Reindeer Federal #1

9. API Well No.

30-015-33746 DIXI

10. Field and Pool, or Exploratory Area

Crow Flats Wolfcamp

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Drill Horizontal
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

Reindeer Federal #1 Horizontal

Surface Location: 660 FSL & 1680 FWL BHL: 660 FSL & 660 FEL

Sec. 21-T16S-R28E

Drilling Procedure:

1. MIRU set cement plug at +-6125'. RIH with Whipstock Assembly, run Gyro, orient direction to East.
2. RIH w/7 7/8" bit. RIH w/Scientific Drilling directional equipment, drill formation along designated path (See attached)
3. TD well, run 5 1/2" casing to surface and cement.

14. I hereby certify that the foregoing is true and correct

Signed

Gerry W. Shenell

Title

Production Clerk

Date

2/17/2006

(This space for Federal or State office use)

Approved by

(ORIG. SGO) ALEXIS C. SWOBODA

Title

PETROLEUM ENGINEER

Date

FEB 24 2006

Conditions of approval, if any:

DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 86240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-33746	Pool Code 97102	Pool Name Crow Flats;Wolfcamp
Property Code 34451	Property Name REINDEER FEDERAL	Well Number 1
OGRID No. 013837	Operator Name MACK ENERGY CORPORATION	Elevation 3589'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	21	16-S	28-E		660	SOUTH	1680	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	16S	28E		660	South	660	East	Eddy
Dedicated Acres 120	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	RECEIVED FEB 27 2006 OCC-ARTESIA	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Jerry W. Sherrell</i> Signature Jerry W. Sherrell Printed Name Production Clerk Title 2/17/2006 Date
	GEODETIC COORDINATES NAD 27 NME Y=691937.9 N X=545998.4 E LAT.=32°54'07.66" N LONG.=104°11'00.47" W	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. OCTOBER 1, 2004 Date Surveyed: 10/4/04 Signature: GARY EIDSON Professional Surveyor NEW MEXICO 10/4/04 04.11.216 Certification No. GARY EIDSON 12641



Scientific Drilling
Directional Drilling Operations

Field: Sec. 21, T16S-R28E (Reindeer Federal #1)
Site: Eddy County, NM
Well: Reindeer Federal #1
Wellpath: OH
Plan: Plan #3

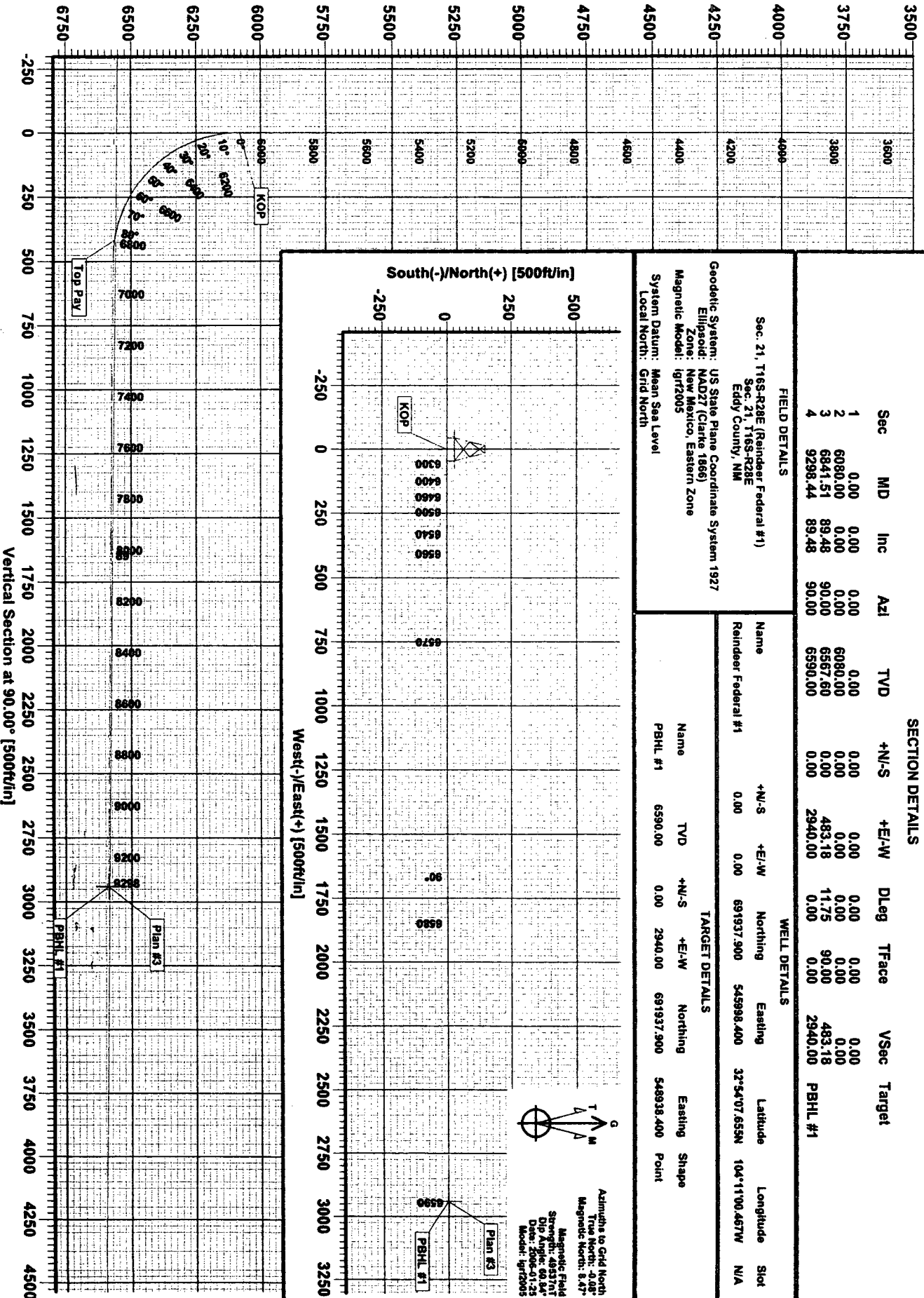
Mack Energy, Corp.

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	6080.00	0.00	0.00	6080.00	0.00	0.00	0.00	0.00	0.00
3	6841.51	89.48	90.00	6567.60	0.00	483.18	11.75	90.00	483.18
4	9298.44	89.48	90.00	6590.00	0.00	2940.00	0.00	0.00	2940.00
									PBHL #1

FIELD DETAILS
Sec. 21, T16S-R28E (Reindeer Federal #1)
Sec. 21, T16S-R28E
Eddy County, NM
Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: Igr72005
System Datum: Mean Sea Level
Local North: Grid North

WELL DETAILS									
Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Shape	Point	Shot
Reindeer Federal #1	0.00	0.00	691937.900	545898.400	32°54'07.855N	104°11'00.467W	N/A		
TARGET DETAILS									
Name	TVD	+N-S	+E-W	Northing	Easting	Shape	Point		
PBHL #1	6590.00	0.00	2940.00	691937.900	548938.400	Point			

True Vertical Depth [500ft/in]



South(-)/North(+) [500ft/in]

West(-)/East(+) [500ft/in]

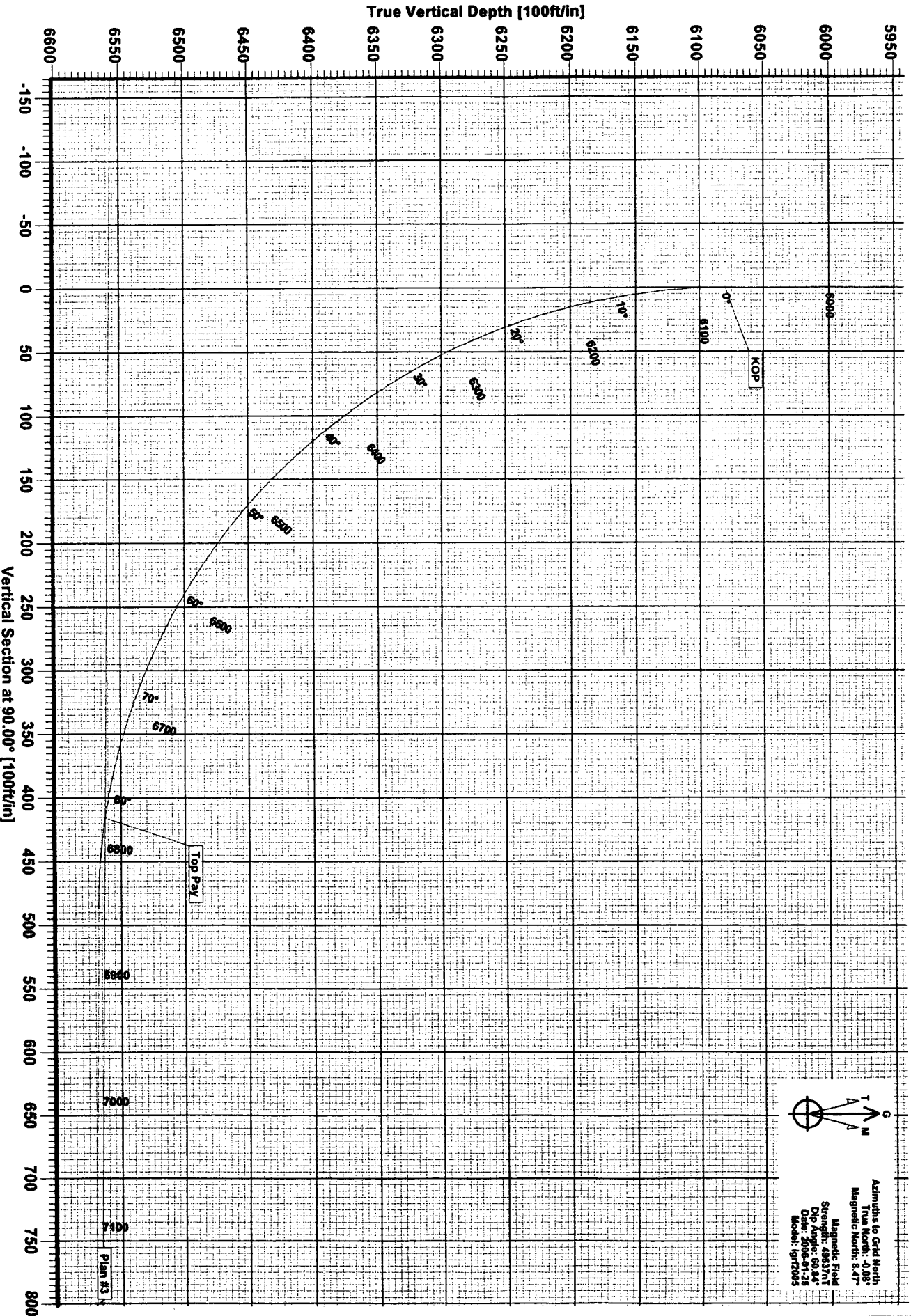
Asimuths to Grid North
True North: 0.00°
Magnetic North: 8.47°
Magnetic Field
Strength: 48517nT
Dip Angle: 68.64°
Date: 2006-01-23
Model: Igr72005

Vertical Section at 90.00° [500ft/in]



Field: Sec. 21, T16S-R28E (Reindeer Federal #1)
Site: Eddy County, NM
Well: Reindeer Federal #1
Wellpath: OH
Plan: Plan #3

Mack Energy, Corp.



Azimuths to Grid North
True North: 0.05°
Magnetic North: 8.47°
Magnetic Field
Strength: 49.53 nT
Dip Angle: 68.64°
Date: 2006-01-25
Model: 1972005

Scientific Drilling Planning Report

Company: Mack Energy Corp.
Field: Sec. 21, T16S-R28E (Reindeer Federal #1)
Site: Eddy County, NM
Well: Reindeer Federal #1
Wellpath: OH

Date: 2006-02-15 Time: 10:32:17 Page: 1
Co-ordinate(NE) Reference: Well Reindeer Federal #1, Grid North
Vertical (TVD) Reference: GL=3589, KB=3607 3607.0
Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
Plan: Plan #3

Field: Sec. 21, T16S-R28E (Reindeer Federal #1)
Sec. 21, T16S-R28E
Eddy County, NM
Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Svs Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igr2005

Site: Eddy County, NM

Site Position:	Northing:	691937.900 ft	Latitude:	32 54	7.655 N
From: Map	Easting:	545998.400 ft	Longitude:	104 11	0.467 W
Position Uncertainty:	0.00 ft		North Reference:		Grid
Ground Level:	3589.00 ft		Grid Convergence:		0.08 deg

Well: Reindeer Federal #1

Slot Name:

Well Position:	+N/-S	0.00 ft	Northing:	691937.900 ft	Latitude:	32 54	7.655 N
	+E/-W	0.00 ft	Easting :	545998.400 ft	Longitude:	104 11	0.467 W
Position Uncertainty:		0.00 ft					

Wellpath: OH

Drilled From: **Surface**

Current Datum:	GL=3589, KB=3607	Height	3607.00	Above System Datum:	Mean Sea Level
Magnetic Data:	2006-01-25			Declination:	8.55 deg
Field Strength:	49537 nT			Mag Dip Angle:	60.84 deg
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	ft	ft	ft	deg	
	0.00	0.00	0.00	90.00	

Plan: Plan #3

Date Composed: 2006-01-25
Version: 1
Tied-to: From Surface

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Bulld deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6080.00	0.00	0.00	6080.00	0.00	0.00	0.00	0.00	0.00	0.00	
6841.51	89.48	90.00	6567.60	0.00	483.18	11.75	11.75	11.82	90.00	
9298.44	89.48	90.00	6590.00	0.00	2940.00	0.00	0.00	0.00	0.00	PBHL #1

Section 1 : Start Hold

[illegible]



Scientific Drilling Planning Report

Company: Mack Energy Corp.
Field: Sec. 21, T16S-R28E (Reindeer Federal #1)
Site: Eddy County, NM
Well: Reindeer Federal #1
Wellpath: OH

Date: 2006-02-15 Time: 10:32:17 Page: 2
Co-ordinate(NE) Reference: Well: Reindeer Federal #1, Grid North
Vertical (TVD) Reference: GL=3589, KB=3607.3607.0
Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
Plan: Plan #3

Section 1 : Start Hold

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2300.00	0.00	0.00	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2400.00	0.00	0.00	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2600.00	0.00	0.00	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2700.00	0.00	0.00	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2800.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2900.00	0.00	0.00	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3000.00	0.00	0.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3100.00	0.00	0.00	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3200.00	0.00	0.00	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3300.00	0.00	0.00	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3400.00	0.00	0.00	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3500.00	0.00	0.00	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3600.00	0.00	0.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3700.00	0.00	0.00	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3800.00	0.00	0.00	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3900.00	0.00	0.00	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4000.00	0.00	0.00	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4200.00	0.00	0.00	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4300.00	0.00	0.00	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4400.00	0.00	0.00	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4500.00	0.00	0.00	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4600.00	0.00	0.00	4600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4700.00	0.00	0.00	4700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4900.00	0.00	0.00	4900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5000.00	0.00	0.00	5000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5200.00	0.00	0.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5300.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5400.00	0.00	0.00	5400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5500.00	0.00	0.00	5500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5600.00	0.00	0.00	5600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5700.00	0.00	0.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5800.00	0.00	0.00	5800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5900.00	0.00	0.00	5900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6080.00	0.00	0.00	6080.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start DLS 11.75 TFO 90.00

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6100.00	2.35	90.00	6099.99	0.00	0.41	0.41	11.75	11.75	0.00	0.00
6125.00	5.29	90.00	6124.94	0.00	2.07	2.07	11.75	11.75	0.00	0.00
6150.00	8.23	90.00	6149.76	0.00	5.02	5.02	11.75	11.75	0.00	0.00
6175.00	11.16	90.00	6174.40	0.00	9.22	9.22	11.75	11.75	0.00	0.00
6200.00	14.10	90.00	6198.79	0.00	14.69	14.69	11.75	11.75	0.00	0.00
6225.00	17.04	90.00	6222.87	0.00	21.40	21.40	11.75	11.75	0.00	0.00
6250.00	19.98	90.00	6246.58	0.00	29.33	29.33	11.75	11.75	0.00	0.00
6275.00	22.91	90.00	6269.84	0.00	38.47	38.47	11.75	11.75	0.00	0.00
6300.00	25.85	90.00	6292.61	0.00	48.79	48.79	11.75	11.75	0.00	0.00
6325.00	28.79	90.00	6314.82	0.00	60.26	60.26	11.75	11.75	0.00	0.00
6350.00	31.73	90.00	6336.41	0.00	72.86	72.86	11.75	11.75	0.00	0.00
6375.00	34.66	90.00	6357.33	0.00	86.55	86.55	11.75	11.75	0.00	0.00
6400.00	37.60	90.00	6377.52	0.00	101.28	101.28	11.75	11.75	0.00	0.00
6425.00	40.54	90.00	6396.93	0.00	117.04	117.04	11.75	11.75	0.00	0.00
6450.00	43.48	90.00	6415.50	0.00	133.77	133.77	11.75	11.75	0.00	0.00
6475.00	46.41	90.00	6433.20	0.00	151.43	151.43	11.75	11.75	0.00	0.00
6500.00	49.35	90.00	6449.96	0.00	169.97	169.97	11.75	11.75	0.00	0.00



Scientific Drilling Planning Report

Company: Mack Energy Corp.
Field: Sec. 21, T16S-R28E (Reindeer Federal #1)
Site: Eddy County, NM
Well: Reindeer Federal #1
Wellpath: OH

Date: 2006-02-15 Time: 10:32:17 Page: 3
Co-ordinate(NE) Reference: Well: Reindeer Federal #1, Grid North
Vertical (TVD) Reference: GL=3589, KB=3607 3607.0
Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
Plan: Plan #3

Section 2 : Start DLS 11.75 TFO 90.00

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6525.00	52.29	90.00	6465.75	0.00	189.34	189.34	11.75	11.75	0.00	0.00
6550.00	55.23	90.00	6480.53	0.00	209.50	209.50	11.75	11.75	0.00	0.00
6575.00	58.16	90.00	6494.26	0.00	230.40	230.40	11.75	11.75	0.00	0.00
6600.00	61.10	90.00	6506.90	0.00	251.96	251.96	11.75	11.75	0.00	0.00
6625.00	64.04	90.00	6518.41	0.00	274.15	274.15	11.75	11.75	0.00	0.00
6650.00	66.98	90.00	6528.78	0.00	296.90	296.90	11.75	11.75	0.00	0.00
6675.00	69.91	90.00	6537.96	0.00	320.15	320.15	11.75	11.75	0.00	0.00
6700.00	72.85	90.00	6545.94	0.00	343.84	343.84	11.75	11.75	0.00	0.00
6725.00	75.79	90.00	6552.70	0.00	367.90	367.90	11.75	11.75	0.00	0.00
6750.00	78.73	90.00	6558.21	0.00	392.28	392.28	11.75	11.75	0.00	0.00
6773.70	81.51	90.00	6562.28	0.00	415.63	415.63	11.75	11.75	0.00	0.00
6775.00	81.66	90.00	6562.47	0.00	416.92	416.92	11.75	11.75	0.00	0.00
6800.00	84.60	90.00	6565.46	0.00	441.73	441.73	11.75	11.75	0.00	0.00
6825.00	87.54	90.00	6567.17	0.00	466.67	466.67	11.75	11.75	0.00	0.00
6841.51	89.48	90.00	6567.60	0.00	483.18	483.18	11.75	11.75	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6900.00	89.48	90.00	6568.14	0.00	541.66	541.66	0.00	0.00	0.00	0.00
7000.00	89.48	90.00	6569.05	0.00	641.66	641.66	0.00	0.00	0.00	0.00
7100.00	89.48	90.00	6569.96	0.00	741.66	741.66	0.00	0.00	0.00	0.00
7200.00	89.48	90.00	6570.87	0.00	841.65	841.65	0.00	0.00	0.00	0.00
7300.00	89.48	90.00	6571.78	0.00	941.65	941.65	0.00	0.00	0.00	0.00
7400.00	89.48	90.00	6572.69	0.00	1041.64	1041.64	0.00	0.00	0.00	0.00
7500.00	89.48	90.00	6573.61	0.00	1141.64	1141.64	0.00	0.00	0.00	0.00
7600.00	89.48	90.00	6574.52	0.00	1241.63	1241.63	0.00	0.00	0.00	0.00
7700.00	89.48	90.00	6575.43	0.00	1341.63	1341.63	0.00	0.00	0.00	0.00
7800.00	89.48	90.00	6576.34	0.00	1441.63	1441.63	0.00	0.00	0.00	0.00
7900.00	89.48	90.00	6577.25	0.00	1541.62	1541.62	0.00	0.00	0.00	0.00
8000.00	89.48	90.00	6578.16	0.00	1641.62	1641.62	0.00	0.00	0.00	0.00
8100.00	89.48	90.00	6579.08	0.00	1741.61	1741.61	0.00	0.00	0.00	0.00
8200.00	89.48	90.00	6579.99	0.00	1841.61	1841.61	0.00	0.00	0.00	0.00
8300.00	89.48	90.00	6580.90	0.00	1941.61	1941.61	0.00	0.00	0.00	0.00
8400.00	89.48	90.00	6581.81	0.00	2041.60	2041.60	0.00	0.00	0.00	0.00
8500.00	89.48	90.00	6582.72	0.00	2141.60	2141.60	0.00	0.00	0.00	0.00
8600.00	89.48	90.00	6583.63	0.00	2241.59	2241.59	0.00	0.00	0.00	0.00
8700.00	89.48	90.00	6584.54	0.00	2341.59	2341.59	0.00	0.00	0.00	0.00
8800.00	89.48	90.00	6585.46	0.00	2441.58	2441.58	0.00	0.00	0.00	0.00
8900.00	89.48	90.00	6586.37	0.00	2541.58	2541.58	0.00	0.00	0.00	0.00
9000.00	89.48	90.00	6587.28	0.00	2641.58	2641.58	0.00	0.00	0.00	0.00
9100.00	89.48	90.00	6588.19	0.00	2741.57	2741.57	0.00	0.00	0.00	0.00
9200.00	89.48	90.00	6589.10	0.00	2841.57	2841.57	0.00	0.00	0.00	0.00
9298.44	89.48	90.00	6590.00	0.00	2940.00	2940.00	0.00	0.00	0.00	0.00

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
PBHL #1			6590.00	0.00	2940.00	691937.900	548938.400	32 54 7.613 N	104 10 25.983 W

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
6773.70	6562.28	Top Pay		0.59	90.00
	0.00	Base Pay		0.59	90.00



Scientific Drilling

Scientific Drilling Planning Report

Company: Mack Energy Corp.
Field: Sec. 21, T16S-R28E (Reindeer Federal #1)
Site: Eddy County, NM
Well: Reindeer Federal #1
Wellpath: OH

Date: 2006-02-15 **Time:** 10:32:17 **Page:** 4
Co-ordinate(NE) Reference: Well: Reindeer Federal #1, Grid North
Vertical (TVD) Reference: GL=3589, KB=3607 3607.0
Section (VS) Reference: Well (0.00N,0.00E,90.00Azi)
Plan: Plan #3

Annotation

MD	TVD	
ft	ft	
6080.00	6080.00	KOP