



30-025-38808

Mack Energy Corp.

Lea County, NM (NAD 27 NME)

B Lee State #8

B Lee State #8

OH

Plan: Plan #1

Standard Planning Report

11 March, 2008





Scientific Drilling Planning Report



Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Site B Lee State #8
Company:	Mack Energy Corp	TVD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Site:	B Lee State #8	North Reference:	Grid
Well:	B Lee State #8	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project:	Lea County, NM (NAD 27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	B Lee State #8		
Site Position:		Northing:	643,336 20 ft
From:	Map	Easting:	755,003 70 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 45' 57 158 N
		Longitude:	103° 30' 13.570 W
		Grid Convergence:	0 45 °

Well: B Lee State #8						
Well Position	+N/-S	0.00 ft	Northing:	643,336 20 ft	Latitude:	32° 45' 57 158 N
	+E/-W	0 00 ft	Easting:	755,003 70 ft	Longitude:	103° 30' 13.570 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	3,988.00 ft	Ground Level:	3,971 00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	3/11/2008	7 97	60.79	49,298

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0 00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0 00	177 48

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
0.00	0 00	0.00	0.00	0 00	0 00	0 00	0.00	0 00	0.00	
1,700 00	0.00	0.00	1,700.00	0 00	0 00	0 00	0.00	0.00	0.00	
2,049.22	6 98	177.48	2,048 36	-21 24	0.93	2.00	2.00	0.00	177.48	
4,168.23	6.98	177.48	4,151 64	-278.66	12.27	0.00	0.00	0.00	0 00	
4,517.45	0.00	0.00	4,500.00	-299.90	13 20	2.00	-2.00	0 00	180.00	PP-B Lee State #8
7,517.45	0 00	0.00	7,500.00	-299 90	13 20	0.00	0 00	0.00	0.00	PBHL-B Lee State #8



Scientific Drilling Planning Report



Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Site B Lee State #8
Company:	Mack Energy Corp.	TVD Reference:	KB Elev. @ 3988.00ft (Original Well Elev)
Project:	Lea County NM (NAD 27 NME)	MD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Site:	B Lee State #8	North Reference:	Grid
Well:	B Lee State #8	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HLN-B Lee State #8 - HLW-B Lee State #8										
1,683.00	0.00	0.00	1,683.00	0.00	0.00	0.00	0.00	0.00	0.00	
KOP Start 2.00°/100'										
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	2.00	177.48	1,799.98	-1.74	0.08	1.75	2.00	2.00	0.00	
1,900.00	4.00	177.48	1,899.84	-6.97	0.31	6.98	2.00	2.00	0.00	
2,000.00	6.00	177.48	1,999.45	-15.68	0.69	15.69	2.00	2.00	0.00	
2,032.22	6.64	177.48	2,031.48	-19.22	0.85	19.24	2.00	2.00	0.00	
EOC hold 6.98°										
2,049.22	6.98	177.48	2,048.36	-21.24	0.93	21.26	2.00	2.00	0.00	
2,100.00	6.98	177.48	2,098.76	-27.41	1.21	27.43	0.00	0.00	0.00	
2,200.00	6.98	177.48	2,198.02	-39.56	1.74	39.59	0.00	0.00	0.00	
2,300.00	6.98	177.48	2,297.27	-51.70	2.28	51.75	0.00	0.00	0.00	
2,400.00	6.98	177.48	2,396.53	-63.85	2.81	63.91	0.00	0.00	0.00	
2,500.00	6.98	177.48	2,495.79	-76.00	3.35	76.07	0.00	0.00	0.00	
2,600.00	6.98	177.48	2,595.05	-88.15	3.88	88.23	0.00	0.00	0.00	
2,700.00	6.98	177.48	2,694.31	-100.30	4.41	100.39	0.00	0.00	0.00	
2,800.00	6.98	177.48	2,793.56	-112.45	4.95	112.55	0.00	0.00	0.00	
2,900.00	6.98	177.48	2,892.82	-124.59	5.48	124.71	0.00	0.00	0.00	
3,000.00	6.98	177.48	2,992.08	-136.74	6.02	136.87	0.00	0.00	0.00	
3,100.00	6.98	177.48	3,091.34	-148.89	6.55	149.03	0.00	0.00	0.00	
3,200.00	6.98	177.48	3,190.60	-161.04	7.09	161.19	0.00	0.00	0.00	
3,300.00	6.98	177.48	3,289.85	-173.19	7.62	173.35	0.00	0.00	0.00	
3,400.00	6.98	177.48	3,389.11	-185.33	8.16	185.51	0.00	0.00	0.00	
3,500.00	6.98	177.48	3,488.37	-197.48	8.69	197.67	0.00	0.00	0.00	
3,600.00	6.98	177.48	3,587.63	-209.63	9.23	209.83	0.00	0.00	0.00	
3,700.00	6.98	177.48	3,686.89	-221.78	9.76	221.99	0.00	0.00	0.00	
3,800.00	6.98	177.48	3,786.14	-233.93	10.30	234.15	0.00	0.00	0.00	
3,900.00	6.98	177.48	3,885.40	-246.08	10.83	246.31	0.00	0.00	0.00	
4,000.00	6.98	177.48	3,984.66	-258.22	11.37	258.47	0.00	0.00	0.00	
4,100.00	6.98	177.48	4,083.92	-270.37	11.90	270.63	0.00	0.00	0.00	
4,151.23	6.98	177.48	4,134.77	-276.60	12.17	276.86	0.00	0.00	0.00	
Start Drop 2.00°/100'										
4,168.23	6.98	177.48	4,151.64	-278.66	12.27	278.93	0.00	0.00	0.00	
4,200.00	6.35	177.48	4,183.20	-282.35	12.43	282.62	2.00	-2.00	0.00	
4,300.00	4.35	177.48	4,282.76	-291.66	12.84	291.94	2.00	-2.00	0.00	
4,400.00	2.35	177.48	4,382.58	-297.49	13.09	297.78	2.00	-2.00	0.00	
4,500.00	0.35	177.48	4,482.55	-299.85	13.20	300.14	2.00	-2.00	0.00	
4,500.45	0.34	177.48	4,483.00	-299.85	13.20	300.14	2.00	-2.00	0.00	
EOC hold 0.0°										
4,517.45	0.00	0.00	4,500.00	-299.90	13.20	300.19	2.00	-2.00	0.00	
PP-B Lee State #8										
7,517.45	0.00	0.00	7,500.00	-299.90	13.20	300.19	0.00	0.00	0.00	
PBHL-B Lee State #8										



Scientific Drilling Planning Report



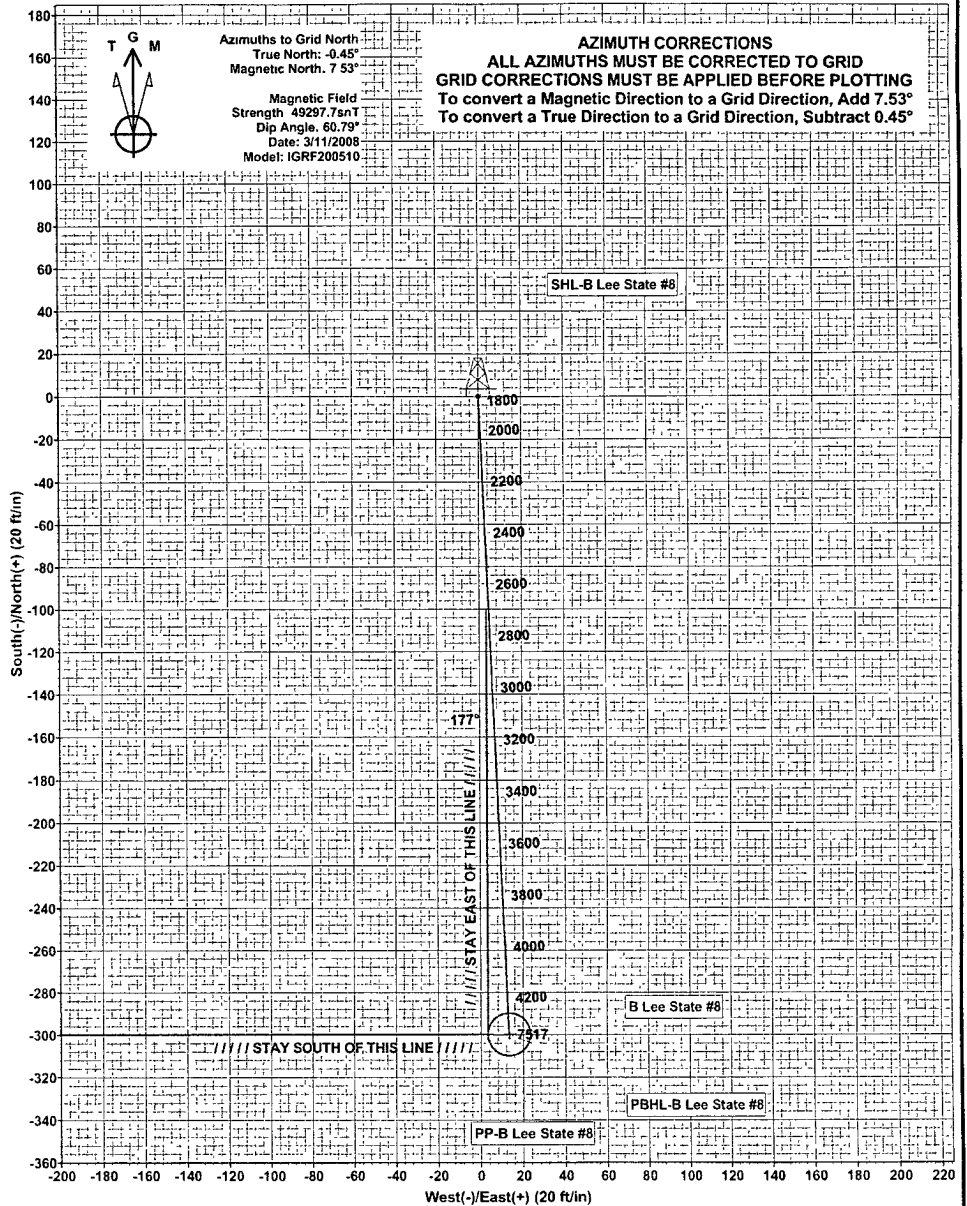
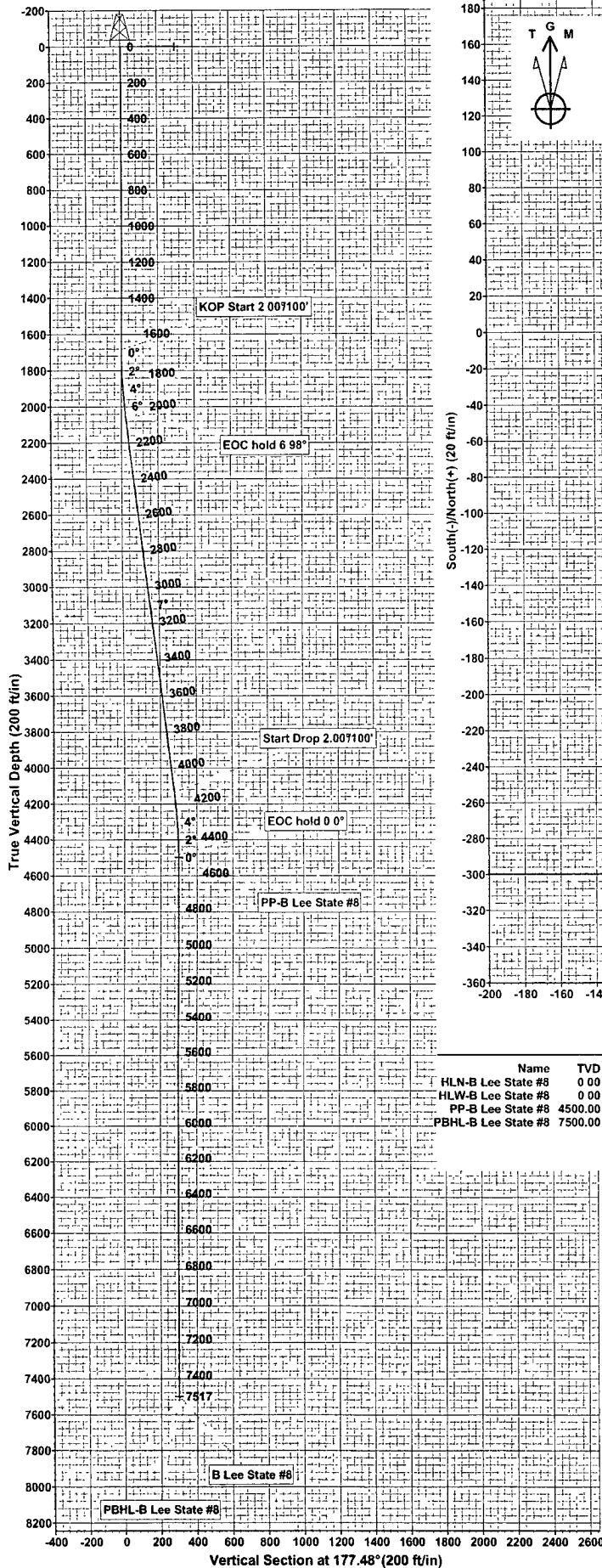
Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Site B Lee State #8
Company:	Mack Energy Corp	TVD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Project:	Lea County NM (NAD 27 NME)	MD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Site:	B Lee State #8	North Reference:	Grid
Well:	B Lee State #8	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Targets									
Target Name	hit/miss target	Dip Angle	Dip Dir	TVD	+N/-S	+E/-W	Northing	Easting	
Shape		(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Latitude Longitude
HLW-B Lee State #8		0.00	0.00	0.00	-299.90	3.20	643,036.30	755,006.90	32° 45' 54.190 N 103° 30' 13.560 W
- plan misses by 299.92ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Rectangle (sides W200.00 H0.00 D0.00)									
PP-B Lee State #8		0.00	0.00	4,500.00	-299.90	13.20	643,036.30	755,016.90	32° 45' 54.189 N 103° 30' 13.443 W
- plan hits target									
- Circle (radius 0.00)									
HLN-B Lee State #8		0.00	0.00	0.00	-299.90	3.20	643,036.30	755,006.90	32° 45' 54.190 N 103° 30' 13.560 W
- plan misses by 299.92ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Rectangle (sides W0.00 H500.00 D0.00)									
PBHL-B Lee State #8		0.00	0.00	7,500.00	-299.90	13.20	643,036.30	755,016.90	32° 45' 54.189 N 103° 30' 13.443 W
- plan hits target									
- Circle (radius 10.00)									

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
1,683.00	1,683.00	0.00	0.00	KOP Start 2.00°/100'
2,032.22	2,031.48	-19.22	0.85	EOC hold 6.98°
4,151.23	4,134.77	-276.60	12.17	Start Drop 2.00°/100'
4,500.45	4,483.00	-299.85	13.20	EOC hold 0.0°



Scientific Drilling for Mack Energy Corp.
Site: Lea County, NM (NAD 27 NME)
Well: B Lee State #8
Wellbore: OH
Design: Plan #1



WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
HLN-B Lee State #8	0 00	-299 90	3 20	643036.30	755006 90	32°45' 54.190 N 103°30' 13.560 W		Rectangle (Sides: L 0 00 W500 00)
HLW-B Lee State #8	0 00	-299 90	3 20	643036.30	755006 90	32°45' 54.190 N 103°30' 13.560 W		Rectangle (Sides: L200.00 W0.00)
PP-B Lee State #8	4500.00	-299 90	13.20	643036.30	755016 90	32°45' 54.189 N 103°30' 13.443 W		Circle (Radius: 0.00)
PBHL-B Lee State #8	7500.00	-299.90	13.20	643036.30	755016 90	32°45' 54.189 N 103°30' 13.443 W		Circle (Radius: 10.00)

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	1700.00	0 00	0.00	1700 00	0 00	0 00	0 00	0.00	0.00	
3	2049.22	6.98	177.48	2048 36	-21.24	0.93	2.00	177 48	21 26	
4	4168.23	6.98	177.48	4151 64	-278 66	12.27	0 00	0.00	278.93	
5	4517.45	0 00	0.00	4500.00	-299.90	13.20	2 00	180 00	300.19	PP-B Lee State #8
6	7517.45	0 00	0.00	7500.00	-299 90	13.20	0 00	0.00	300.19	PBHL-B Lee State #8

WELL DETAILS: B Lee State #8

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0 00	643336.20	755003.70	32°45' 57.158 N 103°30' 13.570 W		

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

Plan: Plan #1 (B Lee State #8/OH)

Geodetic System.	US State Plane 1927 (Exact solution)	Created By:	Julio Pina	Date.	11-Mar-08
Datum:	NAD 1927 (NADCON CONUS)	Checked:		Date:	
Ellipsoid:	Clarke 1866	Reviewed:		Date:	
Zone:	New Mexico East 3001	Approved:		Date:	
System Datum.	Mean Sea Level				



Mack Energy Corp.

Lea County, NM (NAD 27 NME)

B Lee State #8

B Lee State #8

OH

Plan: Plan #1

Standard Planning Report

11 March, 2008



Scientific Drilling
Directional Drilling Operations



Scientific Drilling Planning Report



Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Site B Lee State #8
Company:	Mack Energy Corp.	TVD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Site:	B Lee State #8	North Reference:	Gnd
Well:	B Lee State #8	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Project:	Lea County, NM (NAD 27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	B Lee State #8			
Site Position:		Northing:	643,336.20 ft	Latitude: 32° 45' 57.158 N
From:	Map	Easting:	755,003.70 ft	Longitude: 103° 30' 13.570 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence: 0.45 °

Well:	B Lee State #8			
Well Position	+N/-S	0.00 ft	Northing:	643,336.20 ft
	+E/-W	0.00 ft	Easting:	755,003.70 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	3,988.00 ft	Ground Level: 3,971.00 ft

Wellbore:	OH				
Magnetics	Model Name:	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	3/11/2008	7.97	60.79	49,298

Design:	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	177.48

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	("/100ft)	("/100ft)	("/100ft)	(°)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,049.22	6.98	177.48	2,048.36	-21.24	0.93	2.00	2.00	0.00	177.48	
4,168.23	6.98	177.48	4,151.64	-278.66	12.27	0.00	0.00	0.00	0.00	
4,517.45	0.00	0.00	4,500.00	-299.90	13.20	2.00	-2.00	0.00	180.00	PP-B Lee State #8
7,517.45	0.00	0.00	7,500.00	-299.90	13.20	0.00	0.00	0.00	0.00	PBHL-B Lee State #8



Scientific Drilling Planning Report



Database:	EDM 2003 16 Single User Db	Local Co-ordinate Reference:	Site B Lee State #8
Company:	Mack Energy Corp	TVD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Project:	Lea County - NM (NAD 27 NME)	MD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Site:	B Lee State #8	North Reference:	Grid
Well:	B Lee State #8	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
HLN-B Lee State #8 - HLW-B Lee State #8										
1,683.00	0.00	0.00	1,683.00	0.00	0.00	0.00	0.00	0.00	0.00	
KOP Start 2.00°/100'										
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	2.00	177.48	1,799.98	-1.74	0.08	1.75	2.00	2.00	0.00	
1,900.00	4.00	177.48	1,899.84	-6.97	0.31	6.98	2.00	2.00	0.00	
2,000.00	6.00	177.48	1,999.45	-15.68	0.69	15.69	2.00	2.00	0.00	
2,032.22	6.64	177.48	2,031.48	-19.22	0.85	19.24	2.00	2.00	0.00	
EOC hold 6.98°										
2,049.22	6.98	177.48	2,048.36	-21.24	0.93	21.26	2.00	2.00	0.00	
2,100.00	6.98	177.48	2,098.76	-27.41	1.21	27.43	0.00	0.00	0.00	
2,200.00	6.98	177.48	2,198.02	-39.56	1.74	39.59	0.00	0.00	0.00	
2,300.00	6.98	177.48	2,297.27	-51.70	2.28	51.75	0.00	0.00	0.00	
2,400.00	6.98	177.48	2,396.53	-63.85	2.81	63.91	0.00	0.00	0.00	
2,500.00	6.98	177.48	2,495.79	-76.00	3.35	76.07	0.00	0.00	0.00	
2,600.00	6.98	177.48	2,595.05	-88.15	3.88	88.23	0.00	0.00	0.00	
2,700.00	6.98	177.48	2,694.31	-100.30	4.41	100.39	0.00	0.00	0.00	
2,800.00	6.98	177.48	2,793.56	-112.45	4.95	112.55	0.00	0.00	0.00	
2,900.00	6.98	177.48	2,892.82	-124.59	5.48	124.71	0.00	0.00	0.00	
3,000.00	6.98	177.48	2,992.08	-136.74	6.02	136.87	0.00	0.00	0.00	
3,100.00	6.98	177.48	3,091.34	-148.89	6.55	149.03	0.00	0.00	0.00	
3,200.00	6.98	177.48	3,190.60	-161.04	7.09	161.19	0.00	0.00	0.00	
3,300.00	6.98	177.48	3,289.85	-173.19	7.62	173.35	0.00	0.00	0.00	
3,400.00	6.98	177.48	3,389.11	-185.33	8.16	185.51	0.00	0.00	0.00	
3,500.00	6.98	177.48	3,488.37	-197.48	8.69	197.67	0.00	0.00	0.00	
3,600.00	6.98	177.48	3,587.63	-209.63	9.23	209.83	0.00	0.00	0.00	
3,700.00	6.98	177.48	3,686.89	-221.78	9.76	221.99	0.00	0.00	0.00	
3,800.00	6.98	177.48	3,786.14	-233.93	10.30	234.15	0.00	0.00	0.00	
3,900.00	6.98	177.48	3,885.40	-246.08	10.83	246.31	0.00	0.00	0.00	
4,000.00	6.98	177.48	3,984.66	-258.22	11.37	258.47	0.00	0.00	0.00	
4,100.00	6.98	177.48	4,083.92	-270.37	11.90	270.63	0.00	0.00	0.00	
4,151.23	6.98	177.48	4,134.77	-276.60	12.17	276.86	0.00	0.00	0.00	
Start Drop 2.00°/100'										
4,168.23	6.98	177.48	4,151.64	-278.66	12.27	278.93	0.00	0.00	0.00	
4,200.00	6.35	177.48	4,183.20	-282.35	12.43	282.62	2.00	-2.00	0.00	
4,300.00	4.35	177.48	4,282.76	-291.66	12.84	291.94	2.00	-2.00	0.00	
4,400.00	2.35	177.48	4,382.58	-297.49	13.09	297.78	2.00	-2.00	0.00	
4,500.00	0.35	177.48	4,482.55	-299.85	13.20	300.14	2.00	-2.00	0.00	
4,500.45	0.34	177.48	4,483.00	-299.85	13.20	300.14	2.00	-2.00	0.00	
EOC hold 0.0°										
4,517.45	0.00	0.00	4,500.00	-299.90	13.20	300.19	2.00	-2.00	0.00	
PP-B Lee State #8										
7,517.45	0.00	0.00	7,500.00	-299.90	13.20	300.19	0.00	0.00	0.00	
PBHL-B Lee State #8										

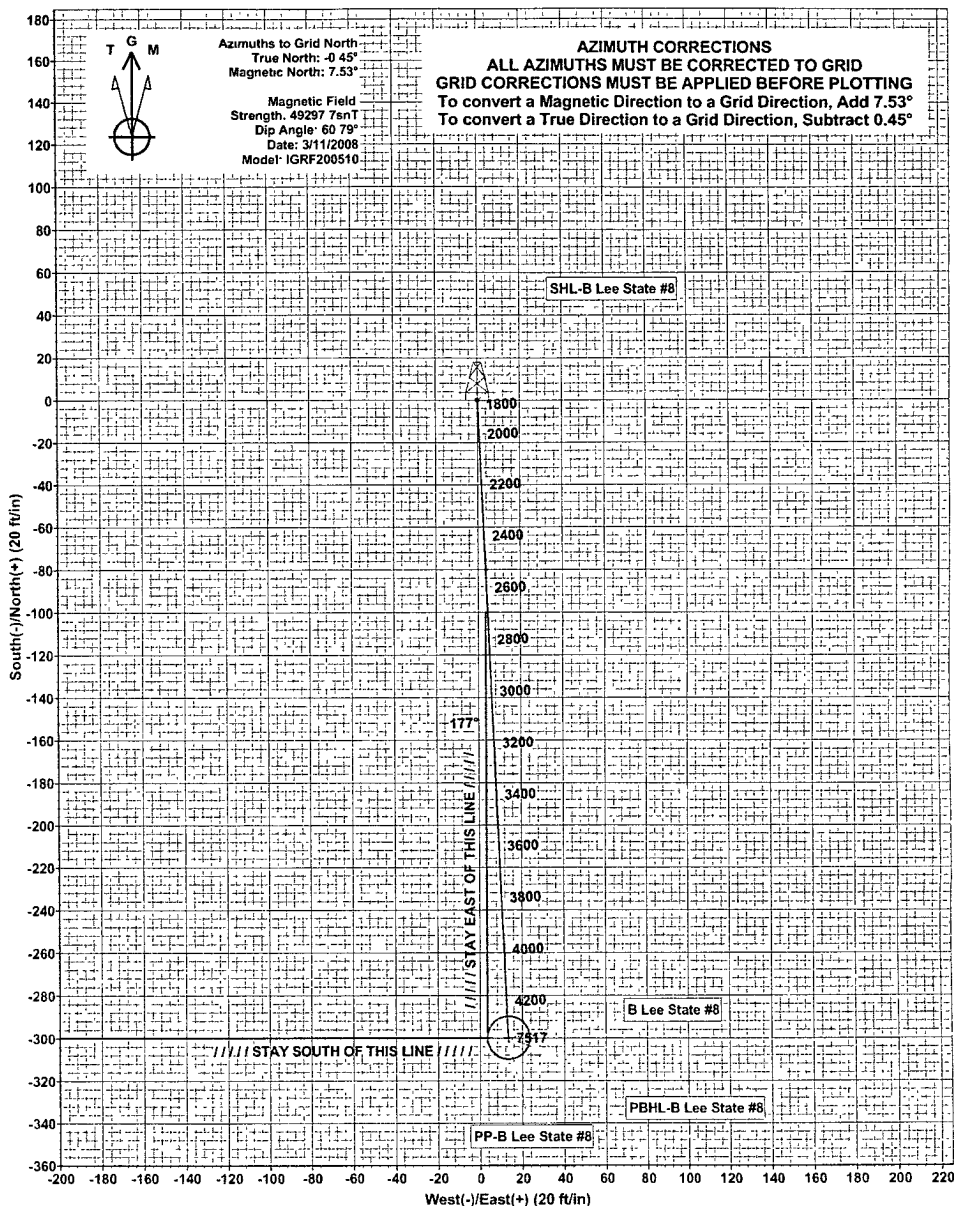
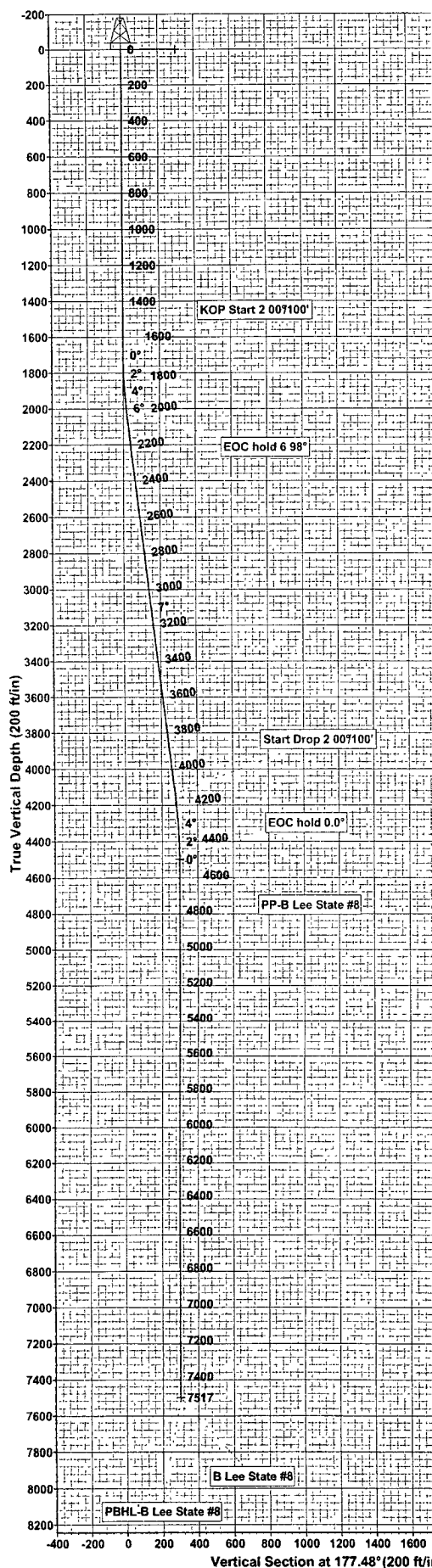
Database:	EDM 2003.16 Single User Db	Local Co-ordinate Reference:	Site B Lee State #8
Company:	Mack Energy Corp	TVD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Project:	Lea County, NM (NAD 27 NME)	MD Reference:	KB Elev @ 3988.00ft (Original Well Elev)
Site:	B Lee State #8	North Reference:	Grid
Well:	B Lee State #8	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Targets									
Target Name	Dip Angle	Dip Dir	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
HLW-B Lee State #8	0.00	0.00	0.00	-299.90	3.20	643,036.30	755,006.90	32° 45' 54.190 N	103° 30' 13.560 W
- plan misses by 299.92ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Rectangle (sides W200.00 H0.00 D0.00)									
PP-B Lee State #8	0.00	0.00	4,500.00	-299.90	13.20	643,036.30	755,016.90	32° 45' 54.189 N	103° 30' 13.443 W
- plan hits target									
- Circle (radius 0.00)									
HLN-B Lee State #8	0.00	0.00	0.00	-299.90	3.20	643,036.30	755,006.90	32° 45' 54.190 N	103° 30' 13.560 W
- plan misses by 299.92ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Rectangle (sides W0.00 H500.00 D0.00)									
PBHL-B Lee State #8	0.00	0.00	7,500.00	-299.90	13.20	643,036.30	755,016.90	32° 45' 54.189 N	103° 30' 13.443 W
- plan hits target									
- Circle (radius 10.00)									

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
1,683.00	1,683.00	0.00	0.00	KOP Start 2.00°/100'
2,032.22	2,031.48	-19.22	0.85	EOC hold 6.98°
4,151.23	4,134.77	-276.60	12.17	Start Drop 2.00°/100'
4,500.45	4,483.00	-299.85	13.20	EOC hold 0.0°



Scientific Drilling for Mack Energy Corp.
Site: Lea County, NM (NAD 27 NME)
Well: B Lee State #8
Wellbore: OH
Design: Plan #1



WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northings	Easting	Latitude	Longitude	Shape
HLN-B Lee State #8	0.00	-299.90	3.20	643036.30	755006.90	32°45' 54.190 N	103°30' 13.560 W	Rectangle (Sides: L0 00 W500.00)
HLW-B Lee State #8	0.00	-299.90	3.20	643036.30	755006.90	32°45' 54.190 N	103°30' 13.560 W	Rectangle (Sides: L200.00 W0.00)
PP-B Lee State #8	4500.00	-299.90	13.20	643036.30	755016.90	32°45' 54.189 N	103°30' 13.443 W	Circle (Radius: 0.00)
PBHL-B Lee State #8	7500.00	-299.90	13.20	643036.30	755016.90	32°45' 54.189 N	103°30' 13.443 W	Circle (Radius: 10.00)

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	1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	
3	2049.22	6.98	177.48	2048.36	-21.24	0.93	2.00	177.48	21.26	
4	4168.23	6.98	177.48	4151.64	-278.66	12.27	0.00	0.00	278.93	
5	4517.45	0.00	0.00	4500.00	-299.90	13.20	2.00	180.00	300.19	PP-B Lee State #8
6	7517.45	0.00	0.00	7500.00	-299.90	13.20	0.00	0.00	300.19	PBHL-B Lee State #8

WELL DETAILS: B Lee State #8

+N/-S	+E/-W	Northings	Easting	Latitude	Longitude	Slot
0.00	0.00	643336.20	755003.70	32°45' 57.158 N	103°30' 13.570 W	

PROJECT DETAILS: Lea County, NM (NAD 27 NME)			Plan: Plan #1 (B Lee State #8/OH)		
Geodetic System:	US State Plane 1927 (Exact solution)	Created By:	Julio Pina	Date:	11-Mar-08
Datum:	NAD 1927 (NADCON CONUS)	Checked:		Date:	
Ellipsoid:	Clarke 1866	Reviewed:		Date:	
Zone:	New Mexico East 3001	Approved:		Date:	
System Datum:	Mean Sea Level				