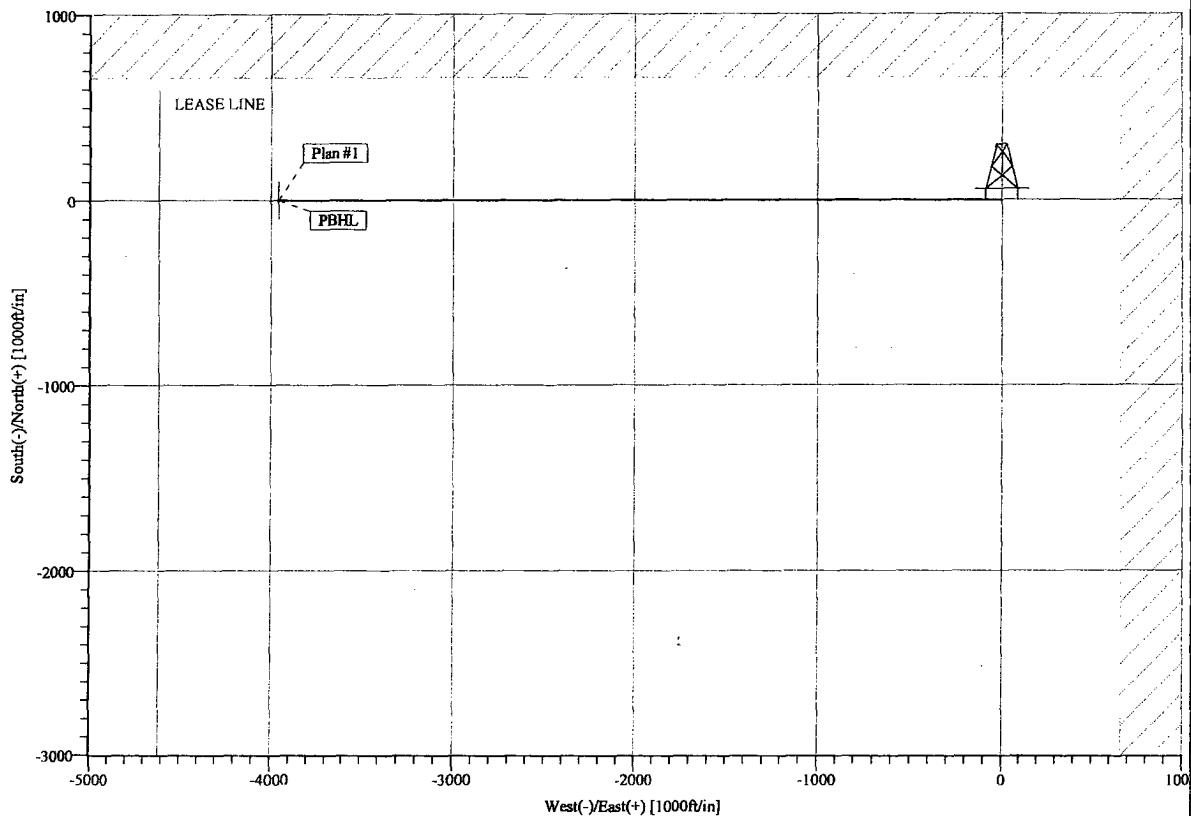




Drilling Systems, Inc.

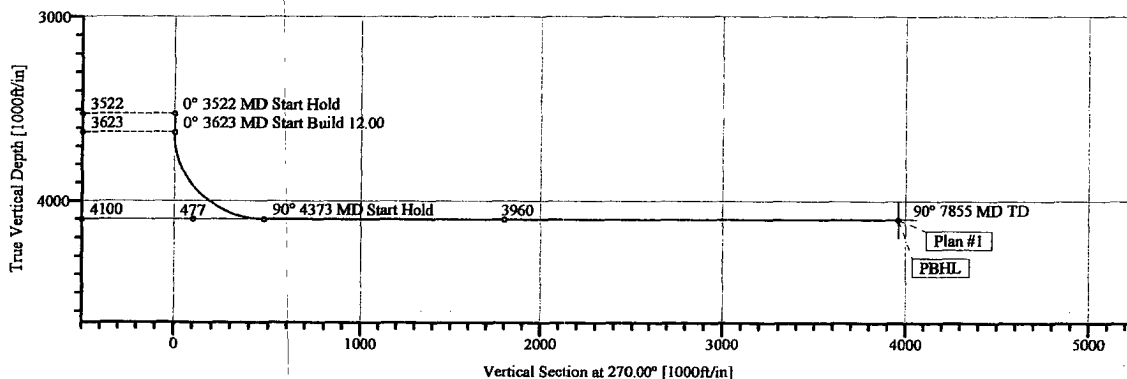
Bold Energy, LP
Hannah 33 Federal #4
Eddy County, New Mexico
Quote # 5514



WELL DETAILS									
Name	N/S	E/W	Northing	Easting	Latitude	Longitude	Slot		
Well #4	0.00	0.00	622175.34	396971.82	32°42'34.400N	104°47'34.600W	N/A		

SECTION DETAILS									
Sec	MD	Inc	Azi	IVD	N/S	E/W	Depth	Rate	VSec
1	3522.00	0.00	270.00	3522.00	0.00	0.00	0.00	0.00	0.00
2	3622.54	0.00	270.00	3622.54	0.00	0.00	0.00	0.00	0.00
3	4372.34	0.00	270.00	4109.00	0.00	477.36	12.00	270.00	477.36
4	7855.07	0.00	270.00	4109.00	0.00	3960.00	0.00	0.00	3960.00

TARGET DETAILS									
Name	IVD	N/S	E/W	Northing	Easting	Latitude	Longitude	Slope	
PBHL	4100.00	0.00	3960.00	622175.34	396011.82	32°42'34.228N	104°48'20.948W	0.00m	



Plan # 05514.gp03
 Created by Marco Laine Date: 08/09/2006
 Checked _____ Date _____
 Reviewed _____ Date _____
 Approved _____ Date _____

Leam Drilling Systems, Inc.

Well Planning Report

Company: Bold Energy, LP Field: Eddy County, NM (NAD-83) Site: Hannah "33" Federal #4 Well: Well #4 Wellpath: 1	Date: 8/30/2006 Co-ordinate(NE) Reference: Site: Hannah "33" Federal #4, Grid North Vertical (TVD) Reference: SITE 4264.0 Section (VS) Reference: Well (0.00N,0.00E,270.00Azi) Survey Calculation Method: Minimum Curvature Db: Adapti
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Field: Eddy County, NM (NAD-83)

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf200510

Site: Hannah "33" Federal #4

Site Position:	Northing:	Latitude:
From: Lease Line	Easting:	Longitude:
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 4264.00 ft		Grid Convergence: -0.25 deg

Well: Well #4

Slot Name:

Well Position:	Northing:	Latitude:
+N/-S 0.00 ft	622175.34 ft	32 42 34.400 N
+E/-W 0.00 ft	399971.82 ft	Longitude: 104 47 34.600 W
Position Uncertainty: 0.00 ft		

Wellpath: 1

Current Datum: SITE	Height 4264.00 ft	Drilled From: Surface
Magnetic Data: 8/30/2006		Tie-on Depth: 0.00 ft
Field Strength: 49287 uT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)		Declination: 8.73 deg
ft	+N/-S ft	Mag Dip Angle: 60.54 deg
		Direction deg
0.00	0.00	270.00

Annotation

MD	TVD

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
3522.00	0.00	270.00	3522.00	0.00	0.00	0.00	0.00	0.00	0.00	
3622.54	0.00	270.00	3622.54	0.00	0.00	0.00	0.00	0.00	0.00	
4372.54	90.00	270.00	4100.00	0.00	-477.46	12.00	12.00	0.00	270.00	
7855.07	90.00	270.00	4100.00	0.00	-3960.00	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3522.00	0.00	270.00	3522.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3600.00	0.00	270.00	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
3622.54	0.00	270.00	3622.54	0.00	0.00	0.00	0.00	0.00	0.00	270.00
3625.00	0.30	270.00	3625.00	0.00	-0.01	0.01	12.00	12.00	0.00	0.00
3650.00	3.30	270.00	3649.98	0.00	-0.79	0.79	12.00	12.00	0.00	0.00
3675.00	6.30	270.00	3674.89	0.00	-2.88	2.88	12.00	12.00	0.00	0.00
3700.00	9.30	270.00	3699.66	0.00	-6.27	6.27	12.00	12.00	0.00	0.00
3725.00	12.30	270.00	3724.22	0.00	-10.95	10.95	12.00	12.00	0.00	0.00
3750.00	15.30	270.00	3748.49	0.00	-16.91	16.91	12.00	12.00	0.00	0.00
3775.00	18.30	270.00	3772.42	0.00	-24.14	24.14	12.00	12.00	0.00	0.00
3800.00	21.30	270.00	3795.94	0.00	-32.60	32.60	12.00	12.00	0.00	0.00
3825.00	24.30	270.00	3818.99	0.00	-42.29	42.29	12.00	12.00	0.00	0.00
3850.00	27.30	270.00	3841.49	0.00	-53.17	53.17	12.00	12.00	0.00	0.00
3875.00	30.30	270.00	3863.40	0.00	-65.21	65.21	12.00	12.00	0.00	0.00
3900.00	33.30	270.00	3884.64	0.00	-78.38	78.38	12.00	12.00	0.00	0.00

Leam Drilling Systems, Inc.

Well Planning Report

Company: Bold Energy, LP
 Field: Eddy County, NM (NAD-83)
 Site: Hannah "33" Federal #4
 Well: Well #4
 Wellpath: 1

Date: 8/30/2006 Time: 14:56:16 Page: 2
 Co-ordinate(NE) Reference: Site: Hannah "33" Federal #4, Grid North
 Vertical (TVD) Reference: SITE 4264.0
 Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
 Survey Calculation Method: Minimum Curvature Db: Adapti

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
3925.00	36.30	270.00	3905.17	0.00	-92.64	92.64	12.00	12.00	0.00	0.00
3950.00	39.30	270.00	3924.93	0.00	-107.96	107.96	12.00	12.00	0.00	0.00
3975.00	42.30	270.00	3943.85	0.00	-124.29	124.29	12.00	12.00	0.00	0.00
4000.00	45.30	270.00	3961.89	0.00	-141.59	141.59	12.00	12.00	0.00	0.00
4025.00	48.30	270.00	3979.01	0.00	-159.81	159.81	12.00	12.00	0.00	0.00
4050.00	51.30	270.00	3995.14	0.00	-178.91	178.91	12.00	12.00	0.00	0.00
4075.00	54.30	270.00	4010.26	0.00	-198.82	198.82	12.00	12.00	0.00	0.00
4100.00	57.30	270.00	4024.31	0.00	-219.49	219.49	12.00	12.00	0.00	0.00
4125.00	60.30	270.00	4037.26	0.00	-240.87	240.87	12.00	12.00	0.00	0.00
4150.00	63.30	270.00	4049.07	0.00	-262.90	262.90	12.00	12.00	0.00	0.00
4175.00	66.30	270.00	4059.72	0.00	-285.52	285.52	12.00	12.00	0.00	0.00
4200.00	69.30	270.00	4069.16	0.00	-308.66	308.66	12.00	12.00	0.00	0.00
4225.00	72.30	270.00	4077.39	0.00	-332.27	332.27	12.00	12.00	0.00	0.00
4250.00	75.30	270.00	4084.36	0.00	-356.27	356.27	12.00	12.00	0.00	0.00
4275.00	78.30	270.00	4090.07	0.00	-380.61	380.61	12.00	12.00	0.00	0.00
4300.00	81.30	270.00	4094.50	0.00	-405.21	405.21	12.00	12.00	0.00	0.00
4325.00	84.30	270.00	4097.64	0.00	-430.01	430.01	12.00	12.00	0.00	0.00
4350.00	87.30	270.00	4099.47	0.00	-454.94	454.94	12.00	12.00	0.00	0.00
4372.54	90.00	270.00	4100.00	0.00	-477.46	477.46	12.00	12.00	0.00	0.00
4400.00	90.00	270.00	4100.00	0.00	-504.93	504.93	0.00	0.00	0.00	0.00
4500.00	90.00	270.00	4100.00	0.00	-604.93	604.93	0.00	0.00	0.00	0.00
4600.00	90.00	270.00	4100.00	0.00	-704.93	704.93	0.00	0.00	0.00	0.00
4700.00	90.00	270.00	4100.00	0.00	-804.93	804.93	0.00	0.00	0.00	0.00
4800.00	90.00	270.00	4100.00	0.00	-904.93	904.93	0.00	0.00	0.00	0.00
4900.00	90.00	270.00	4100.00	0.00	-1004.93	1004.93	0.00	0.00	0.00	0.00
5000.00	90.00	270.00	4100.00	0.00	-1104.93	1104.93	0.00	0.00	0.00	0.00
5100.00	90.00	270.00	4100.00	0.00	-1204.93	1204.93	0.00	0.00	0.00	0.00
5200.00	90.00	270.00	4100.00	0.00	-1304.93	1304.93	0.00	0.00	0.00	0.00
5300.00	90.00	270.00	4100.00	0.00	-1404.93	1404.93	0.00	0.00	0.00	0.00
5400.00	90.00	270.00	4100.00	0.00	-1504.93	1504.93	0.00	0.00	0.00	0.00
5500.00	90.00	270.00	4100.00	0.00	-1604.93	1604.93	0.00	0.00	0.00	0.00
5600.00	90.00	270.00	4100.00	0.00	-1704.93	1704.93	0.00	0.00	0.00	0.00
5700.00	90.00	270.00	4100.00	0.00	-1804.93	1804.93	0.00	0.00	0.00	0.00
5800.00	90.00	270.00	4100.00	0.00	-1904.93	1904.93	0.00	0.00	0.00	0.00
5900.00	90.00	270.00	4100.00	0.00	-2004.93	2004.93	0.00	0.00	0.00	0.00
6000.00	90.00	270.00	4100.00	0.00	-2104.93	2104.93	0.00	0.00	0.00	0.00
6100.00	90.00	270.00	4100.00	0.00	-2204.93	2204.93	0.00	0.00	0.00	0.00
6200.00	90.00	270.00	4100.00	0.00	-2304.93	2304.93	0.00	0.00	0.00	0.00
6300.00	90.00	270.00	4100.00	0.00	-2404.93	2404.93	0.00	0.00	0.00	0.00
6400.00	90.00	270.00	4100.00	0.00	-2504.93	2504.93	0.00	0.00	0.00	0.00
6500.00	90.00	270.00	4100.00	0.00	-2604.93	2604.93	0.00	0.00	0.00	0.00
6600.00	90.00	270.00	4100.00	0.00	-2704.93	2704.93	0.00	0.00	0.00	0.00
6700.00	90.00	270.00	4100.00	0.00	-2804.93	2804.93	0.00	0.00	0.00	0.00
6800.00	90.00	270.00	4100.00	0.00	-2904.93	2904.93	0.00	0.00	0.00	0.00
6900.00	90.00	270.00	4100.00	0.00	-3004.93	3004.93	0.00	0.00	0.00	0.00
7000.00	90.00	270.00	4100.00	0.00	-3104.93	3104.93	0.00	0.00	0.00	0.00
7100.00	90.00	270.00	4100.00	0.00	-3204.93	3204.93	0.00	0.00	0.00	0.00
7200.00	90.00	270.00	4100.00	0.00	-3304.93	3304.93	0.00	0.00	0.00	0.00
7300.00	90.00	270.00	4100.00	0.00	-3404.93	3404.93	0.00	0.00	0.00	0.00
7400.00	90.00	270.00	4100.00	0.00	-3504.93	3504.93	0.00	0.00	0.00	0.00
7500.00	90.00	270.00	4100.00	0.00	-3604.93	3604.93	0.00	0.00	0.00	0.00
7600.00	90.00	270.00	4100.00	0.00	-3704.93	3704.93	0.00	0.00	0.00	0.00
7700.00	90.00	270.00	4100.00	0.00	-3804.93	3804.93	0.00	0.00	0.00	0.00

Leam Drilling Systems, Inc.

Well Planning Report

Company: Bold Energy, LP
Field: Eddy County, NM (NAD-83)
Site: Hannah "33" Federal #4
Well: Well #4
Wellpath: 1

Date: 8/30/2006 **Time:** 14:56:16 **Page:** 3
Co-ordinate(NE) Reference: Site: Hannah "33" Federal #4, Grid North
Vertical (TVD) Reference: SITE 4264.0
Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
Survey Calculation Method: Minimum Curvature **Db:** Adapti

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7800.00	90.00	270.00	4100.00	0.00	-3904.93	3904.93	0.00	0.00	0.00	0.00
7855.07	90.00	270.00	4100.00	0.00	-3960.00	3960.00	0.00	0.00	0.00	0.00

Targets

Name	Description Dip. Dir.	TVD	+N/-S	+E/-W	Map Northing	Map Easting	Latitude			Longitude		
							Deg	Min	Sec	Deg	Min	Sec

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction
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