

Results of Directional Survey

API number:	30-025-41304		
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP
		Property:	BELL LAKE 24 FEDERAL # 4H

surface	ULSTR:	O	24	T 24S	R 32E
				200 FSL	2030 FEL

BH Loc	ULSTR:	C	24	T 24S	R 32E
15872	MD	11055.8	TVD	338 FNL	1784 FWL
				4942 FSL	3496 FEL

Top Perf/OH	ULSTR:	Ø N	24	T 24S	R 32E
11352	MD	11036.0	TVD	457 FSL	3019 FEL

Bot Perf/OH	ULSTR:	C	24	T 24S	R 32E
15792	MD	11054.8	TVD	418 FNL	1792 FWL
				4862 FSL	3488 FEL

	MD	N/S	E/W	VD
	11328	235.90	-978.90	11022.87
TOP PERFS/OH	11352	256.97	-989.03	11035.98
	11359	263.12	-991.99	11039.81
	15698	4568.81	-1448.06	11054.58
BOT PERFS/OH	15792	4662.31	-1457.71	11054.75
	15792	4662.31	-1457.71	11054.75

NEXT TO LAST	15806	4676.24	-1459.14	11054.90
LAST READING	15872	4741.88	-1465.98	11055.78
TD	15872	4741.88	-1465.98	11055.78

Surface Location	200	FS	2030	FE
Projected BHL	4942	FS	3496	FE
Location of				
Top Perfs/OH	457	FS	3019	FE
Bottom Perfs/OH	4862	FS	3488	FE

SUMMARY of Subsurface Locations

Surface Location	O-24-24S-32E	200	FS	2030	FE	Vert. Depth
Top Perfs/OH	O-24-24S-32E	457	FS	3019	FE	11035.98
Bottom Perfs/OH	C-24-24S-32E	4862	FS	3488	FE	11054.75
Projected TD	C-24-24S-32E	4942	FS	3496	FE	11055.78

OCT 20 2014



A GYRO TECHNOLOGIES INC. COMPANY

P.O. Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

May 1, 2014

HOBBS OCD

SEP 24 2014

RECEIVED

Devon Energy Production Co., LP
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

Attn: David Cook

Re: **Bell Lake 24 Federal No 004H**

Please find enclosed a copy of the survey from 0' to 4,835' ran on the above referenced well.

If I can be of any further service, please do not hesitate to call me at 800-606-4976.

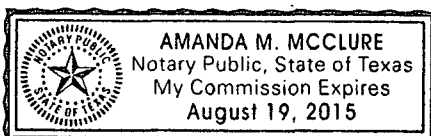
Sincerely,

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the ____ day of _____, A.D., 2014, by Keith Havelka.

Amanda McClure
Notary Public, State of Texas





Company: Devon Energy
Lease/Well: Bell Lake 24 Federal/No 004H

Rig Name: H&P #416
State/County: New Mexico/Lea
Latitude: 32.20, Longitude: -103.63
GRID North is 0.38 Degrees East of True North
VS-Azi: 0.00 Degrees



Rkb : 25 Feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: gyro survey.ut
Minimum Curvature Method
Report Date/Time: 5/1/2014 / 16:44

VES Survey International
Fort Worth, Texas
Surveyor: Jason Wilson
817-908-3586

Bell Lake 24 Federal No 004H / API 30-025-41304

RECEIVED
SEP 24 2014
HOBBS OGD

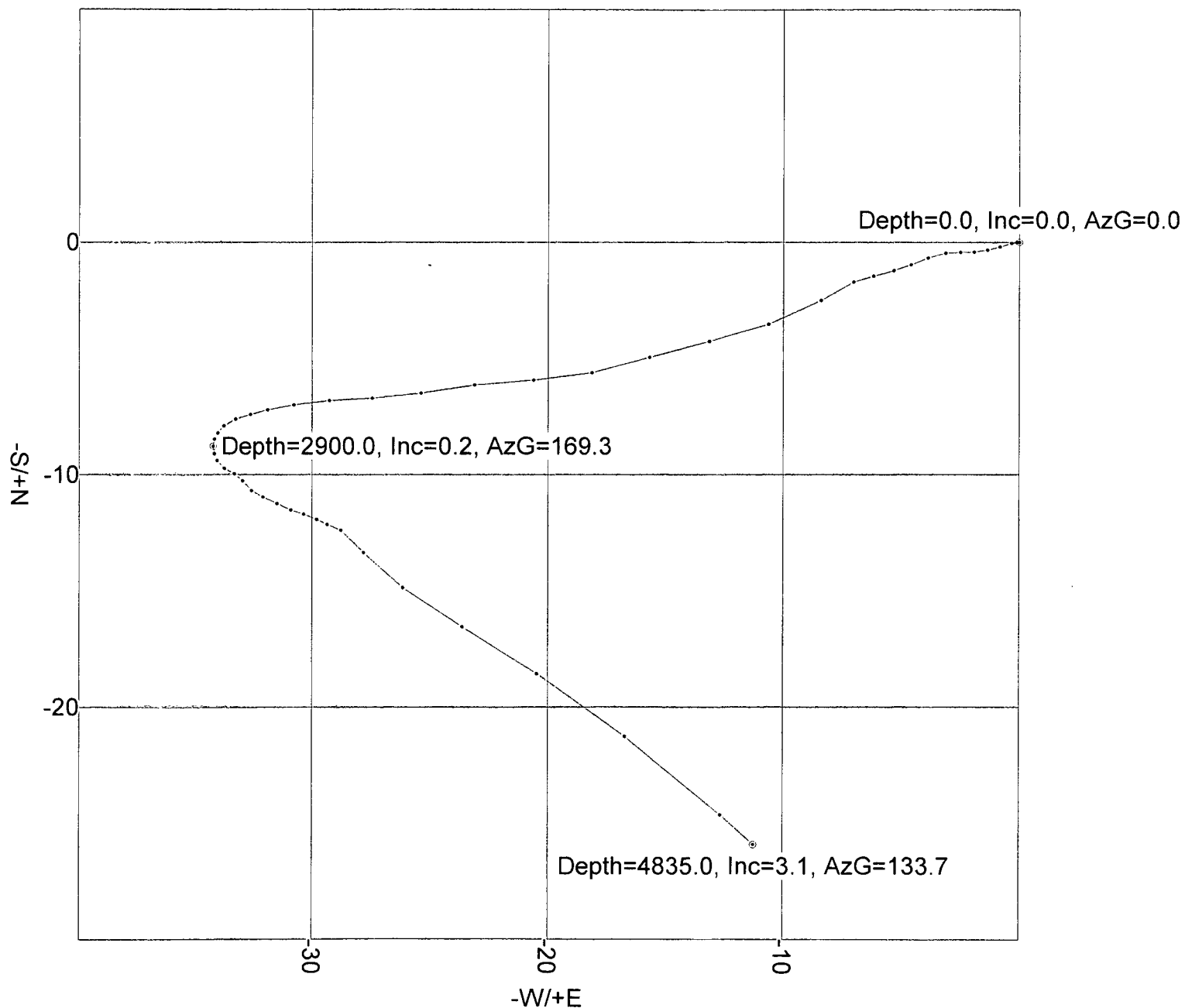
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
50.00	0.24	270.44	50.00	0.00	-0.10	0.00	0.10	270.44	0.47
100.00	0.30	251.04	100.00	-0.04	-0.33	-0.04	0.33	263.00	0.21
200.00	0.30	253.83	200.00	-0.20	-0.82	-0.20	0.84	256.56	0.01
300.00	0.33	255.90	300.00	-0.34	-1.34	-0.34	1.39	255.92	0.03
400.00	0.33	268.40	399.99	-0.41	-1.91	-0.41	1.95	257.75	0.07
500.00	0.34	268.03	499.99	-0.43	-2.49	-0.43	2.53	260.16	0.01
600.00	0.39	265.65	599.99	-0.47	-3.12	-0.47	3.16	261.48	0.05
700.00	0.51	245.10	699.99	-0.68	-3.86	-0.68	3.92	260.01	0.20
800.00	0.39	251.38	799.99	-0.97	-4.58	-0.97	4.69	258.00	0.13
900.00	0.51	251.31	899.98	-1.22	-5.33	-1.22	5.47	257.05	0.13
1000.00	0.50	258.58	999.98	-1.45	-6.18	-1.45	6.35	256.75	0.06
1100.00	0.52	248.60	1099.97	-1.71	-7.03	-1.71	7.24	256.35	0.09
1200.00	1.31	237.19	1199.96	-2.49	-8.42	-2.49	8.78	253.51	0.80
1300.00	1.51	251.49	1299.93	-3.53	-10.63	-3.53	11.20	251.63	0.40
1400.00	1.50	256.36	1399.90	-4.26	-13.15	-4.26	13.82	252.06	0.13
1500.00	1.51	253.04	1499.86	-4.95	-15.68	-4.95	16.44	252.48	0.09
1600.00	1.41	257.21	1599.83	-5.61	-18.14	-5.61	18.98	252.83	0.14
1700.00	1.45	267.83	1699.80	-5.93	-20.60	-5.93	21.44	253.95	0.27

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1800.00	1.41	262.68	1799.77	-6.13	-23.09	-6.13	23.89	255.13	0.13
1900.00	1.22	259.32	1899.74	-6.49	-25.35	-6.49	26.17	255.65	0.21
2000.00	1.16	268.80	1999.72	-6.70	-27.41	-6.70	28.21	256.26	0.21
2100.00	0.97	264.04	2099.70	-6.81	-29.26	-6.81	30.04	256.89	0.21
2200.00	0.79	262.61	2199.69	-6.99	-30.77	-6.99	31.56	257.21	0.18
2300.00	0.51	253.19	2299.68	-7.21	-31.88	-7.21	32.69	257.26	0.29
2400.00	0.38	257.14	2399.68	-7.41	-32.64	-7.41	33.47	257.21	0.13
2500.00	0.39	248.53	2499.68	-7.61	-33.28	-7.61	34.14	257.12	0.06
2600.00	0.29	227.71	2599.68	-7.90	-33.79	-7.90	34.70	256.83	0.16
2700.00	0.16	208.59	2699.68	-8.20	-34.04	-8.20	35.02	256.46	0.15
2800.00	0.19	210.76	2799.68	-8.46	-34.19	-8.46	35.23	256.10	0.03
2900.00	0.20	169.29	2899.68	-8.78	-34.24	-8.78	35.35	255.62	0.14
3000.00	0.17	175.67	2999.67	-9.10	-34.20	-9.10	35.39	255.10	0.04
3100.00	0.21	144.68	3099.67	-9.39	-34.09	-9.39	35.36	254.60	0.11
3200.00	0.33	131.47	3199.67	-9.73	-33.77	-9.73	35.14	253.93	0.14
3300.00	0.25	101.85	3299.67	-9.96	-33.34	-9.96	34.80	253.37	0.17
3400.00	0.35	149.84	3399.67	-10.27	-32.98	-10.27	34.54	252.71	0.26
3500.00	0.31	123.11	3499.67	-10.68	-32.59	-10.68	34.30	251.86	0.16
3600.00	0.36	115.56	3599.67	-10.96	-32.08	-10.96	33.90	251.13	0.06
3700.00	0.40	113.91	3699.67	-11.24	-31.48	-11.24	33.43	250.35	0.04
3800.00	0.33	116.20	3799.66	-11.51	-30.90	-11.51	32.97	249.57	0.07
3900.00	0.33	102.05	3899.66	-11.70	-30.36	-11.70	32.53	248.92	0.08
4000.00	0.37	121.00	3999.66	-11.92	-29.80	-11.92	32.10	248.19	0.12
4100.00	0.21	105.53	4099.66	-12.14	-29.35	-12.14	31.76	247.54	0.18
4200.00	0.53	116.51	4199.66	-12.39	-28.77	-12.39	31.32	246.70	0.32
4300.00	1.09	142.85	4299.65	-13.35	-27.78	-13.35	30.82	244.33	0.66
4400.00	1.52	124.41	4399.62	-14.86	-26.11	-14.86	30.05	240.36	0.59
4500.00	1.94	123.35	4499.57	-16.54	-23.61	-16.54	28.82	234.98	0.43
4600.00	2.35	122.03	4599.50	-18.56	-20.46	-18.56	27.62	227.79	0.41
4700.00	2.97	129.21	4699.40	-21.28	-16.71	-21.28	27.06	218.15	0.70
4800.00	3.09	130.24	4799.26	-24.66	-12.65	-24.66	27.71	207.16	0.14
4835.00	3.12	133.65	4834.21	-25.92	-11.24	-25.92	28.26	203.44	0.53



VES Survey International
Fort Worth, Texas
Surveyor: Jason Wilson
817-908-3586

Bell Lake 24 Federal No 004H / API 30-025-41304



VES Survey Date: 04/18/2014



Weatherford

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Devon Energy
333 W. Sherridan Ave
Oklahoma City, OK, 73102

Date: May 8, 2014

Attention: Kurtis Schmitz

Re: Devon Energy
Well: Bell Lake 24 Fed 4H
Lea County, New Mexico

HOBBS OCD

SEP 24 2014

RECEIVED

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Dave Latch MWD Supervisor	4H	5009 MD 15806 MD	4/17/2014 5/2/2014	Measurement While Drilling

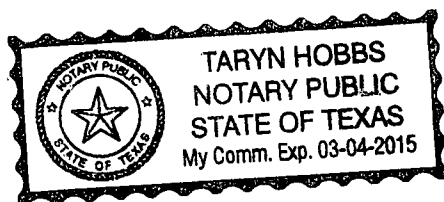
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesus Aguilar
MWD Coordinator

On this, the 15th day of May, 2014, before me a notary public, the undersigned officer, personally appeared JESUS AGUILAR, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Notary Public



HOBBS OCD
SEP 24 2014
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5D Survey Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Bell Lake 24 Fed 2,3,4H Pad*
Well Name: *Bell Lake 24 Fed 4H*
Survey: *Wft MWD Svy*

02 May 2014



Weatherford®

Bell Lake 24 Fed 4H

Field Name Lea Co, NM Nad 83 NMEZ	Map Units : US ft Company Name : Devon Energy Vertical Reference Datum (VRD) : Mean Sea Level Projected Coordinate System : NAD83 / New Mexico East (ftUS) Comment :						
Site Name Bell Lake 24 Fed 2,3,4H Pad	Units : US ft North Reference : Grid Convergence Angle : 0.38 <table style="width: 100%;"> <tr> <td style="width: 33%;">Position</td> <td style="width: 33%;">Northing : 435924.22 US ft</td> <td style="width: 33%;">Latitude : 32° 11' 47.24"</td> </tr> <tr> <td></td> <td>Easting : 760116.07 US ft</td> <td>Longitude : -103° 37' 33.83"</td> </tr> </table> Elevation above Mean Sea Level: 3554.00 US ft Comment :	Position	Northing : 435924.22 US ft	Latitude : 32° 11' 47.24"		Easting : 760116.07 US ft	Longitude : -103° 37' 33.83"
Position	Northing : 435924.22 US ft	Latitude : 32° 11' 47.24"					
	Easting : 760116.07 US ft	Longitude : -103° 37' 33.83"					
Slot Name Bell Lake 24 Fed 4H	Position (Offsets relative to Site Centre) <table style="width: 100%;"> <tr> <td style="width: 33%;">+N / -S : -0.83 US ft</td> <td style="width: 33%;">Northing : 435923.39 US ft</td> <td style="width: 33%;">Latitude : 32°11'47.24"</td> </tr> <tr> <td>+E / -W : -99.96 US ft</td> <td>Easting : 760016.11 US ft</td> <td>Longitude : -103°37'35.00"</td> </tr> </table> Elevation above Mean Sea Level : 3554.00 US ft Comment :	+N / -S : -0.83 US ft	Northing : 435923.39 US ft	Latitude : 32°11'47.24"	+E / -W : -99.96 US ft	Easting : 760016.11 US ft	Longitude : -103°37'35.00"
+N / -S : -0.83 US ft	Northing : 435923.39 US ft	Latitude : 32°11'47.24"					
+E / -W : -99.96 US ft	Easting : 760016.11 US ft	Longitude : -103°37'35.00"					
Well Name Bell Lake 24 Fed 4H	Type : Main well UWI : Rig Height Well TVD Reference : 25.00 US ft Comment : Relative to Mean Sea Level: 3579.00 US ft Closure Distance : 4963.32 US ft Closure Azimuth : 342.821° Vertical Section (Position of Origin Relative to Slot) +N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 355.82°						

Target Set

Name : Bell Lake 24 Fed 4H **Number of Targets :** 2

Comment :

Target Name: Lp Tgt Shape: Cuboid	<table style="width: 100%;"> <tr> <td colspan="3">Position (Relative to Slot centre)</td> </tr> <tr> <td style="width: 33%;">+N / -S : 286.28US ft</td> <td style="width: 33%;">Northing : 436209.67 US ft</td> <td style="width: 33%;">Latitude : 32°11'50.13"</td> </tr> <tr> <td>+E / -W : -959.39 US ft</td> <td>Easting : 759056.72US ft</td> <td>Longitude : -103°37'46.14"</td> </tr> </table> TVD (Well TVD Reference) : 11050.00 US ft <table style="width: 100%;"> <tr> <td style="width: 33%;">Orientation Azimuth : 0.00°</td> <td style="width: 33%;">Inclination : 0.00°</td> <td style="width: 33%;"></td> </tr> <tr> <td>Dimensions Length : 0.00 US ft</td> <td>Breadth : 0.00 US ft</td> <td>Height : 0.00 US ft</td> </tr> </table>	Position (Relative to Slot centre)			+N / -S : 286.28US ft	Northing : 436209.67 US ft	Latitude : 32°11'50.13"	+E / -W : -959.39 US ft	Easting : 759056.72US ft	Longitude : -103°37'46.14"	Orientation Azimuth : 0.00°	Inclination : 0.00°		Dimensions Length : 0.00 US ft	Breadth : 0.00 US ft	Height : 0.00 US ft
Position (Relative to Slot centre)																
+N / -S : 286.28US ft	Northing : 436209.67 US ft	Latitude : 32°11'50.13"														
+E / -W : -959.39 US ft	Easting : 759056.72US ft	Longitude : -103°37'46.14"														
Orientation Azimuth : 0.00°	Inclination : 0.00°															
Dimensions Length : 0.00 US ft	Breadth : 0.00 US ft	Height : 0.00 US ft														
Target Name: PBHL 4H Shape: Cuboid	<table style="width: 100%;"> <tr> <td colspan="3">Position (Relative to Slot centre)</td> </tr> <tr> <td style="width: 33%;">+N / -S : 4742.06US ft</td> <td style="width: 33%;">Northing : 440665.45 US ft</td> <td style="width: 33%;">Latitude : 32°12'34.26"</td> </tr> <tr> <td>+E / -W : -1468.38 US ft</td> <td>Easting : 758547.73US ft</td> <td>Longitude : -103°37'51.72"</td> </tr> </table> TVD (Well TVD Reference) : 11050.00 US ft <table style="width: 100%;"> <tr> <td style="width: 33%;">Orientation Azimuth : 353.98°</td> <td style="width: 33%;">Inclination : 0.00°</td> <td style="width: 33%;"></td> </tr> <tr> <td>Dimensions Length : 9260.00 US ft</td> <td>Breadth : 50.00 US ft</td> <td>Height : 20.00 US ft</td> </tr> </table>	Position (Relative to Slot centre)			+N / -S : 4742.06US ft	Northing : 440665.45 US ft	Latitude : 32°12'34.26"	+E / -W : -1468.38 US ft	Easting : 758547.73US ft	Longitude : -103°37'51.72"	Orientation Azimuth : 353.98°	Inclination : 0.00°		Dimensions Length : 9260.00 US ft	Breadth : 50.00 US ft	Height : 20.00 US ft
Position (Relative to Slot centre)																
+N / -S : 4742.06US ft	Northing : 440665.45 US ft	Latitude : 32°12'34.26"														
+E / -W : -1468.38 US ft	Easting : 758547.73US ft	Longitude : -103°37'51.72"														
Orientation Azimuth : 353.98°	Inclination : 0.00°															
Dimensions Length : 9260.00 US ft	Breadth : 50.00 US ft	Height : 20.00 US ft														

5D Survey Report

Survey Name: Wt MWD Svy**Date :** 21/Apr/2014**Survey Tool :** MWD**Comment :****Company :****Magnetic Model****Model Name:** BGGM**Date:** 25/Mar/2014**Field Strength:**
48321.0 nT**Declination:** 7.38°**Dip:** 60.07°**Tie Point****MD:** 4835**Inclination:** 3.12 **Azimuth:** 133.65**TVD:** 4834.2**North Offset:** -25.92**East Offset:** -11.24**Well path created using minimum curvature****Survey Points (Relative to Slot centre, TVD relative to Well TVD Reference)**

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
4835.00	3.12	133.65	4834.20	-25.92	-11.24	-25.03	0.00	435897.47	760004.87	Tie On VES
5009.00	2.90	128.52	5007.96	-31.93	-4.37	-31.53	0.20	435891.46	760011.74	First Wt Svy
5104.00	2.76	125.21	5102.85	-34.75	-0.62	-34.61	0.23	435888.64	760015.49	
5199.00	2.55	125.38	5197.75	-37.29	2.97	-37.40	0.22	435886.10	760019.08	
5294.00	1.43	129.63	5292.69	-39.27	5.61	-39.57	1.19	435884.12	760021.72	
5389.00	0.55	154.05	5387.67	-40.43	6.72	-40.82	1.01	435882.96	760022.83	
5483.00	0.99	273.60	5481.67	-40.79	6.11	-41.12	1.44	435882.60	760022.22	
5577.00	2.00	285.21	5575.64	-40.31	3.71	-40.47	1.12	435883.08	760019.82	
5671.00	2.74	289.49	5669.55	-39.13	0.01	-39.02	0.81	435884.26	760016.12	
5765.00	3.52	283.93	5763.41	-37.68	-4.91	-37.22	0.89	435885.71	760011.20	
5859.00	4.51	280.66	5857.18	-36.30	-11.34	-35.38	1.08	435887.09	760004.77	
5954.00	5.84	271.53	5951.79	-35.48	-19.84	-33.94	1.64	435887.91	759996.27	
6048.00	7.06	263.82	6045.20	-35.98	-30.37	-33.67	1.59	435887.41	759985.74	
6142.00	7.95	263.54	6138.39	-37.33	-42.57	-34.13	0.95	435886.06	759973.54	
6236.00	9.17	265.59	6231.34	-38.64	-56.50	-34.42	1.34	435884.75	759959.61	
6330.00	10.45	260.36	6323.97	-40.64	-72.37	-35.26	1.66	435882.75	759943.74	
6424.00	10.42	259.91	6416.42	-43.56	-89.14	-36.95	0.09	435879.83	759926.97	
6518.00	9.78	260.53	6508.96	-46.36	-105.39	-38.56	0.69	435877.03	759910.72	
6612.00	9.10	260.57	6601.68	-48.89	-120.60	-39.97	0.72	435874.50	759895.51	
6706.00	8.76	261.84	6694.55	-51.13	-135.01	-41.15	0.42	435872.26	759881.10	
6801.00	9.06	258.89	6788.40	-53.60	-149.51	-42.55	0.58	435869.79	759866.60	
6896.00	9.84	257.40	6882.11	-56.81	-164.78	-44.65	0.86	435866.58	759851.33	
6990.00	10.85	258.86	6974.58	-60.27	-181.30	-46.89	1.11	435863.12	759834.81	
7084.00	11.00	258.84	7066.88	-63.71	-198.78	-49.06	0.16	435859.68	759817.33	
7179.00	10.18	259.49	7160.26	-67.00	-215.92	-51.08	0.87	435856.39	759800.19	
7273.00	10.22	259.05	7252.77	-70.10	-232.28	-52.98	0.09	435853.29	759783.83	
7368.00	10.50	258.98	7346.22	-73.35	-249.05	-55.01	0.30	435850.04	759767.06	
7462.00	10.45	258.23	7438.66	-76.73	-265.80	-57.15	0.15	435846.66	759750.31	
7556.00	9.76	255.90	7531.20	-80.41	-281.87	-59.65	0.85	435842.98	759734.24	
7650.00	10.07	258.53	7623.79	-83.99	-297.66	-62.07	0.58	435839.40	759718.45	
7745.00	10.78	262.30	7717.23	-86.83	-314.60	-63.67	1.04	435836.56	759701.51	
7839.00	10.50	263.09	7809.61	-89.04	-331.81	-64.61	0.34	435834.35	759684.30	
7933.00	9.19	264.30	7902.22	-90.81	-347.79	-65.22	1.41	435832.58	759668.32	
8028.00	10.19	260.79	7995.87	-92.91	-363.63	-66.16	1.22	435830.48	759652.48	
8123.00	10.28	259.28	8089.36	-95.83	-380.25	-67.86	0.30	435827.56	759635.86	
8217.00	10.96	258.33	8181.75	-99.20	-397.25	-69.98	0.75	435824.19	759618.86	
8311.00	9.92	258.73	8274.19	-102.59	-413.94	-72.15	1.11	435820.80	759602.17	
8406.00	9.81	259.59	8367.78	-105.65	-429.92	-74.03	0.19	435817.74	759586.19	
8500.00	11.24	260.12	8460.20	-108.67	-446.83	-75.81	1.52	435814.72	759569.28	
8595.00	9.96	260.63	8553.58	-111.60	-464.06	-77.48	1.35	435811.79	759552.05	
8690.00	10.46	258.04	8647.07	-114.72	-480.60	-79.39	0.71	435808.67	759535.51	
8784.00	11.22	258.15	8739.40	-118.37	-497.90	-81.76	0.81	435805.02	759518.21	
8879.00	10.00	258.71	8832.77	-121.88	-515.03	-84.02	1.29	435801.51	759501.08	
8973.00	10.39	263.92	8925.29	-124.38	-531.46	-85.31	1.06	435799.01	759484.65	
9068.00	11.14	264.35	9018.62	-126.19	-549.11	-85.83	0.79	435797.20	759467.00	
9162.00	9.28	262.28	9111.12	-128.10	-565.66	-86.53	2.02	435795.29	759450.45	
9257.00	9.06	259.99	9204.91	-130.43	-580.62	-87.76	0.45	435792.96	759435.49	
9351.00	8.70	259.47	9297.78	-133.01	-594.90	-89.30	0.39	435790.37	759421.21	
9446.00	10.06	260.81	9391.51	-135.65	-610.15	-90.82	1.45	435787.74	759405.96	

SD Survey Report

Survey Points (Relative to Slot centre, TVD relative to Well TVD Reference)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
9540.00	10.01	261.46	9484.07	-138.18	-626.34	-92.16	0.13	435785.21	759389.77	
9635.00	7.99	262.58	9577.90	-140.26	-641.05	-93.16	2.13	435783.13	759375.06	
9729.00	7.18	255.29	9671.08	-142.59	-653.21	-94.60	1.34	435780.80	759362.90	
9823.00	5.85	245.60	9764.47	-146.06	-663.26	-97.33	1.83	435777.33	759352.85	
9918.00	5.07	241.22	9859.04	-150.08	-671.34	-100.75	0.93	435773.31	759344.77	
10013.00	5.76	249.15	9953.62	-153.80	-679.48	-103.87	1.07	435769.59	759336.63	
10107.00	5.42	244.43	10047.17	-157.40	-687.89	-106.84	0.61	435765.99	759328.22	
10202.00	5.18	249.76	10141.76	-160.82	-695.96	-109.66	0.58	435762.57	759320.15	
10296.00	4.49	260.16	10235.43	-162.91	-703.57	-111.20	1.18	435760.48	759312.54	
10391.00	4.55	258.08	10330.13	-164.33	-710.92	-112.07	0.18	435759.06	759305.19	
10487.00	4.04	253.55	10425.86	-166.07	-717.89	-113.30	0.64	435757.32	759298.22	
10540.00	3.82	253.51	10478.74	-167.10	-721.37	-114.08	0.42	435756.29	759294.74	
10572.00	4.80	288.75	10510.65	-166.97	-723.66	-113.78	8.65	435756.42	759292.45	
10603.00	7.71	326.83	10541.48	-164.82	-726.03	-111.46	15.86	435758.57	759290.08	
10635.00	10.86	335.70	10573.06	-160.27	-728.45	-106.75	10.78	435763.12	759287.66	
10666.00	14.80	335.55	10603.28	-154.00	-731.29	-100.29	12.71	435769.39	759284.82	
10698.00	18.50	331.30	10633.93	-145.82	-735.42	-91.83	12.17	435777.57	759280.69	
10729.00	21.03	328.25	10663.10	-136.78	-740.71	-82.42	8.81	435786.61	759275.40	
10761.00	24.30	327.03	10692.63	-126.37	-747.31	-71.56	10.32	435797.02	759268.80	
10792.00	27.98	324.23	10720.45	-115.11	-755.04	-59.77	12.52	435808.28	759261.07	
10824.00	31.71	322.29	10748.21	-102.36	-764.58	-46.36	12.04	435821.03	759251.53	
10855.00	35.11	321.40	10774.08	-88.95	-775.12	-32.21	11.08	435834.44	759240.99	
10887.00	38.70	320.97	10799.66	-73.98	-787.17	-16.41	11.25	435849.41	759228.94	
10918.00	41.21	322.13	10823.43	-58.39	-799.54	0.05	8.45	435865.00	759216.57	
10950.00	43.05	323.85	10847.16	-41.25	-812.46	18.08	6.79	435882.14	759203.65	
10981.00	46.37	325.52	10869.19	-23.45	-825.05	36.75	11.36	435899.94	759191.06	
11013.00	49.38	326.59	10890.65	-3.76	-838.30	57.36	9.73	435919.63	759177.81	
11044.00	51.85	326.72	10910.32	16.26	-851.47	78.28	7.97	435939.65	759164.64	
11076.00	55.35	325.83	10929.30	37.67	-865.77	100.68	11.16	435961.06	759150.34	
11107.00	58.43	325.63	10946.23	59.13	-880.39	123.14	9.95	435982.52	759135.72	
11139.00	61.10	326.78	10962.35	82.10	-895.76	147.18	8.90	436005.49	759120.35	
11170.00	63.92	329.01	10976.66	105.40	-910.37	171.47	11.11	436028.79	759105.74	
11202.00	66.56	331.29	10990.06	130.60	-924.83	197.66	10.48	436053.99	759091.28	
11233.00	67.61	332.34	11002.13	155.76	-938.31	223.74	4.60	436079.15	759077.80	
11265.00	70.09	333.03	11013.67	182.28	-952.00	251.19	8.01	436105.67	759064.11	
11296.00	71.93	333.42	11023.76	208.45	-965.21	278.25	6.05	436131.84	759050.90	
11328.00	75.01	333.54	11032.87	235.90	-978.90	306.62	9.63	436159.29	759037.21	
11359.00	79.09	335.12	11039.81	263.12	-991.99	334.73	14.07	436186.51	759024.12	
11391.00	81.86	336.18	11045.11	291.87	-1004.99	364.35	9.25	436215.26	759011.12	
11422.00	86.36	337.19	11048.29	320.18	-1017.20	393.47	14.87	436243.57	758998.91	
11466.00	91.40	340.45	11049.15	361.18	-1033.08	435.52	13.64	436284.57	758983.03	
11529.00	90.28	346.80	11048.22	421.59	-1050.83	497.06	10.23	436344.98	758965.28	
11623.00	89.65	350.05	11048.28	513.66	-1069.69	590.27	3.52	436437.05	758946.42	
11717.00	87.76	352.29	11050.40	606.51	-1084.11	683.92	3.12	436529.90	758932.00	
11812.00	87.20	354.99	11054.58	700.83	-1094.63	778.75	2.90	436624.22	758921.48	
11906.00	88.04	355.88	11058.49	794.45	-1102.10	872.67	1.30	436717.84	758914.01	
12000.00	90.07	356.89	11060.04	888.24	-1108.03	966.64	2.41	436811.63	758908.08	
12094.00	90.35	357.08	11059.69	982.11	-1112.97	1060.62	0.36	436905.50	758903.14	
12189.00	90.35	357.51	11059.11	1077.00	-1117.45	1155.59	0.45	437000.39	758898.66	
12283.00	90.35	358.12	11058.54	1170.93	-1121.04	1249.53	0.65	437094.32	758895.07	
12378.00	90.07	357.11	11058.19	1265.85	-1124.99	1344.48	1.10	437189.24	758891.12	
12472.00	89.72	357.59	11058.36	1359.75	-1129.34	1438.45	0.63	437283.14	758886.77	
12567.00	90.98	356.79	11057.78	1454.63	-1133.99	1533.42	1.57	437378.02	758882.12	
12661.00	90.77	357.05	11056.35	1548.48	-1139.04	1627.39	0.36	437471.87	758877.07	
12756.00	90.00	357.27	11055.71	1643.36	-1143.75	1722.36	0.84	437566.75	758872.36	
12850.00	89.16	357.60	11056.40	1737.27	-1147.96	1816.32	0.96	437660.66	758868.15	
12945.00	89.58	356.32	11057.44	1832.12	-1153.00	1911.29	1.42	437755.51	758863.11	
13039.00	90.00	355.19	11057.78	1925.86	-1159.95	2005.29	1.28	437849.25	758856.16	
13134.00	90.42	353.60	11057.44	2020.41	-1169.23	2100.26	1.73	437943.80	758846.88	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Well TVD Reference)										
MD (US ft)	Incl (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
13228.00	90.14	353.69	11056.98	2113.83	-1179.64	2194.19	0.31	438037.22	758836.47	
13323.00	89.79	353.88	11057.04	2208.27	-1189.92	2289.13	0.42	438131.66	758826.19	
13417.00	90.49	352.93	11056.81	2301.64	-1200.72	2383.04	1.26	438225.03	758815.39	
13512.00	90.35	353.10	11056.11	2395.94	-1212.27	2477.93	0.23	438319.33	758803.84	
13606.00	89.30	353.62	11056.40	2489.30	-1223.14	2571.84	1.25	438412.69	758792.97	
13701.00	90.77	353.55	11056.34	2583.71	-1233.75	2666.76	1.55	438507.10	758782.36	
13795.00	90.56	352.84	11055.25	2677.04	-1244.89	2760.66	0.79	438600.43	758771.22	
13890.00	90.14	352.93	11054.67	2771.30	-1256.66	2855.53	0.45	438694.69	758759.45	
13984.00	89.51	353.39	11054.95	2864.63	-1267.85	2949.43	0.83	438788.02	758748.26	
14079.00	87.90	353.41	11057.10	2958.98	-1278.77	3044.32	1.69	438882.37	758737.34	
14173.00	89.16	352.81	11059.51	3052.27	-1290.04	3138.18	1.48	438975.66	758726.07	
14280.00	88.81	352.90	11061.41	3158.42	-1303.35	3245.02	0.34	439081.81	758712.76	
14374.00	90.07	352.76	11062.33	3251.68	-1315.08	3338.88	1.35	439175.07	758701.03	
14469.00	91.33	353.85	11061.17	3346.02	-1326.15	3433.78	1.75	439269.41	758689.96	
14563.00	90.70	353.88	11059.50	3439.46	-1336.20	3527.71	0.67	439362.85	758679.91	
14658.00	91.19	355.08	11057.93	3534.01	-1345.33	3622.67	1.36	439457.40	758670.78	
14753.00	90.49	355.19	11056.54	3628.66	-1353.39	3717.65	0.75	439552.05	758662.72	
14847.00	89.72	355.16	11056.37	3722.32	-1361.30	3811.65	0.82	439645.71	758654.81	
14942.00	90.42	353.93	11056.25	3816.89	-1370.33	3906.62	1.49	439740.28	758645.78	
15036.00	89.44	353.80	11056.37	3910.35	-1380.37	4000.56	1.05	439833.74	758635.74	
15131.00	89.58	354.38	11057.18	4004.84	-1390.15	4095.52	0.63	439928.23	758625.96	
15225.00	89.65	354.62	11057.81	4098.41	-1399.16	4189.49	0.27	440021.80	758616.95	
15320.00	89.23	355.02	11058.74	4193.01	-1407.74	4284.47	0.61	440116.40	758608.37	
15414.00	90.84	353.91	11058.68	4286.57	-1416.81	4378.44	2.08	440209.96	758599.30	
15509.00	90.77	353.35	11057.35	4380.97	-1427.35	4473.36	0.59	440304.36	758588.76	
15603.00	91.19	353.73	11055.74	4474.36	-1437.92	4567.27	0.60	440397.75	758578.19	
15698.00	90.21	354.01	11054.58	4568.81	-1448.06	4662.21	1.07	440492.20	758568.05	
15792.00	89.58	354.21	11054.75	4662.31	-1457.71	4756.17	0.70	440585.70	758558.40	
15806.00	89.23	354.05	11054.90	4676.24	-1459.14	4770.16	2.75	440599.63	758556.97	Last Wft Svy
15872.00	89.23	354.05	11055.78	4741.88	-1465.98	4836.12	0.00	440665.27	758550.13	Proj. To Bit

KB-3579
GL-3554

Plan Data for Bell Lake 24 Fed 4H

Plan Point Information:									
Dogleg Severity Unit: %/100.00ft									
MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
10487.00	4.04	253.65	10425.86	-166.10	-717.91	435757.29	759298.20	-113.33	0.63
10644.00	4.55	258.08	10582.42	-168.94	-729.31	435754.45	759286.80	-115.33	0.39
11241.01	75.00	328.80	11018.88	112.55	-930.21	436035.94	759085.90	180.05	12.32
11476.26	90.00	353.98	11050.00	331.42	-1002.98	436254.81	759013.13	403.65	12.35
15911.39	90.00	353.98	11050.00	4742.06	-1468.38	440665.45	758547.73	4836.48	0.00

Plan Data for Bell Lake 24 Fed 4H

Target Set Information:									
Name: Bell Lake 24 Fed 4H									
Position offsets from Slot centre									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment		
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)				
Lp Tgt	11050.00	286.28	-959.39	436209.67	759056.72	Cuboid			
PBHL 4H	11050.00	4742.06	-1468.38	440665.45	758547.73	Cuboid			

Plan Data for Bell Lake 24 Fed 4H

Slot: Bell Lake 24 Fed 4H					
Position:					
Offset is from Site centre					
+N/-S:	-0.83USft	Northing:	435923.39USft	Latitude:	32°11'47.2"
+E/-W:	-99.96USft	Easting:	760016.11USft	Longitude:	-103°37'35.0"
Elevation Above VRD: 3554.00USft					

Plan Data for Bell Lake 24 Fed 4H

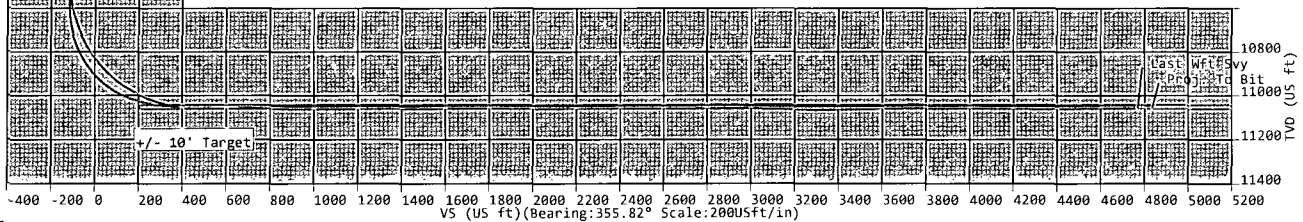
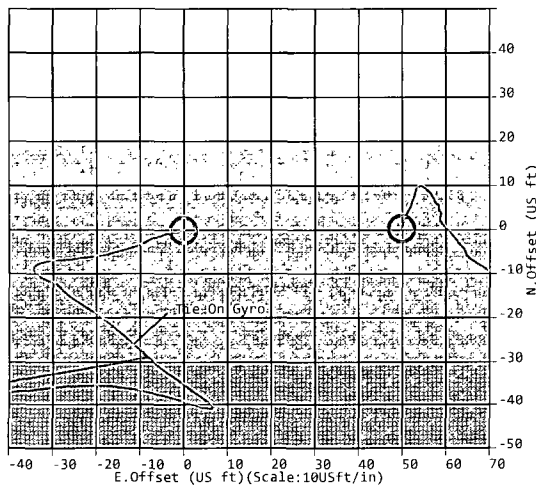
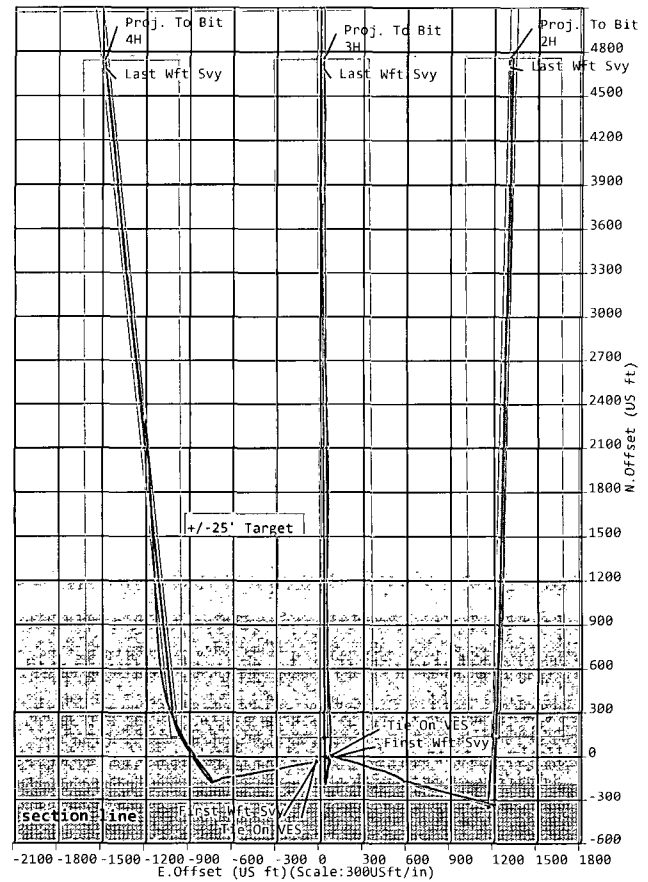
Target Set Information:									
Name: Bell Lake 24 Fed 4H									
Position offsets from Slot centre									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment		
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)				
Lp Tgt	11050.00	286.28	-959.39	436209.67	759056.72	Cuboid			
PBHL 4H	11050.00	4744.39	-1785.21	440665.45	758547.73	Cuboid			

devon

Weatherford

Bell Lake 24 Fed 4H
Lea Co, NM

Bell Lake 24 Fed 4H	_____
Bell Lake 24 Fed 3H	_____
Bell Lake 24 Fed 2H	_____
Bell Lake 24 Fed 2H	_____
Bell Lake 24 Fed 3H	_____
Bell Lake 24 Fed 4H	_____
Bell Lake 24 Fed 4H	_____



Sign Off: Russell Joyner