

Results of Directional Survey

API number:	30-025-41306		
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP
		Property:	BELL LAKE 24 FEDERAL # 2H

surface	ULSTR:	O	24	T	24S	R	32E
				200	FSL	1930	FEL

BH Loc	ULSTR:	A	24	T	24S	R	32E
16075	MD	11081.7	TVD	318	FNL	702	FEL
				4962	FSL		

Top Perf/OH	ULSTR:	O	24	T	24S	R	32E
11482	MD	11086.3	TVD	373	FSL	812	FEL

Bot Perf/OH	ULSTR:	A	24	T	24S	R	32E
15909	MD	11079.5	TVD	484	FNL	702	FEL
				4796	FSL		

	MD	N/S	E/W	VD
	11456	147.21	1117.00	11086.9
TOP PERFS/OH	11482	173.16	1118.45	11086.25
	11550	241.04	1122.23	11084.55
	15821	4508.35	1226.83	11078.87
BOT PERFS/OH	15909	4596.34	1227.58	11079.51
	15916	4603.34	1227.64	11079.56

NEXT TO LAST	16004	4691.33	1227.88	11080.26
LAST READING	16075	4762.32	1227.96	11081.65
TD	16075	4762.32	1227.96	11081.65

Surface Location	200	FS	1930	FE
Projected BHL	4962	FS	702	FE
Location of				
Top Perfs/OH	373	FS	812	FE
Bottom Perfs/OH	4796	FS	702	FE

SUMMARY of Subsurface Locations

Surface Location	O-24-24S-32E	200	FS	1930	FE	Vert. Depth
Top Perfs/OH	O-24-24S-32E	373	FS	812	FE	11086.25
Bottom Perfs/OH	A-24-24S-32E	4796	FS	702	FE	11079.51
Projected TD	A-24-24S-32E	4962	FS	702	FE	11081.65

SEP 05 2014



A GYRO TECHNOLOGIES INC. COMPANY

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

HOBBS OCD

AUG 21 2014

RECEIVED

March 3, 2014

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

Attn: David Cook

Re: **Bell Lake 24 Fed 2H**

Please find enclosed a copy of the survey from 0' to 1,118.78' 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.

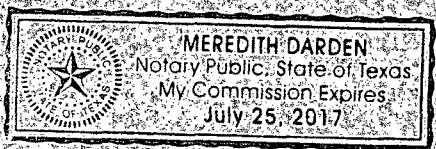
Sincerely,

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 3rd day of March A.D. 2014 by Keith Havelka.

Meredith Darden
Notary Public, State of Texas





Company: Devon Energy
 Lease/Well: Bell Lake 24 Fed/2H
 Location: 25 miles E dir from Malaga
 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



Depth Reference : RKB = 25 Feet

DRILLOG MS GYRO SURVEY CALCULATIONS

Filename: ...lake 24 fed 2h_gyro survey.ut
 Minimum Curvature Method
 Report Date/Time: 3/7/2014 / 14:45

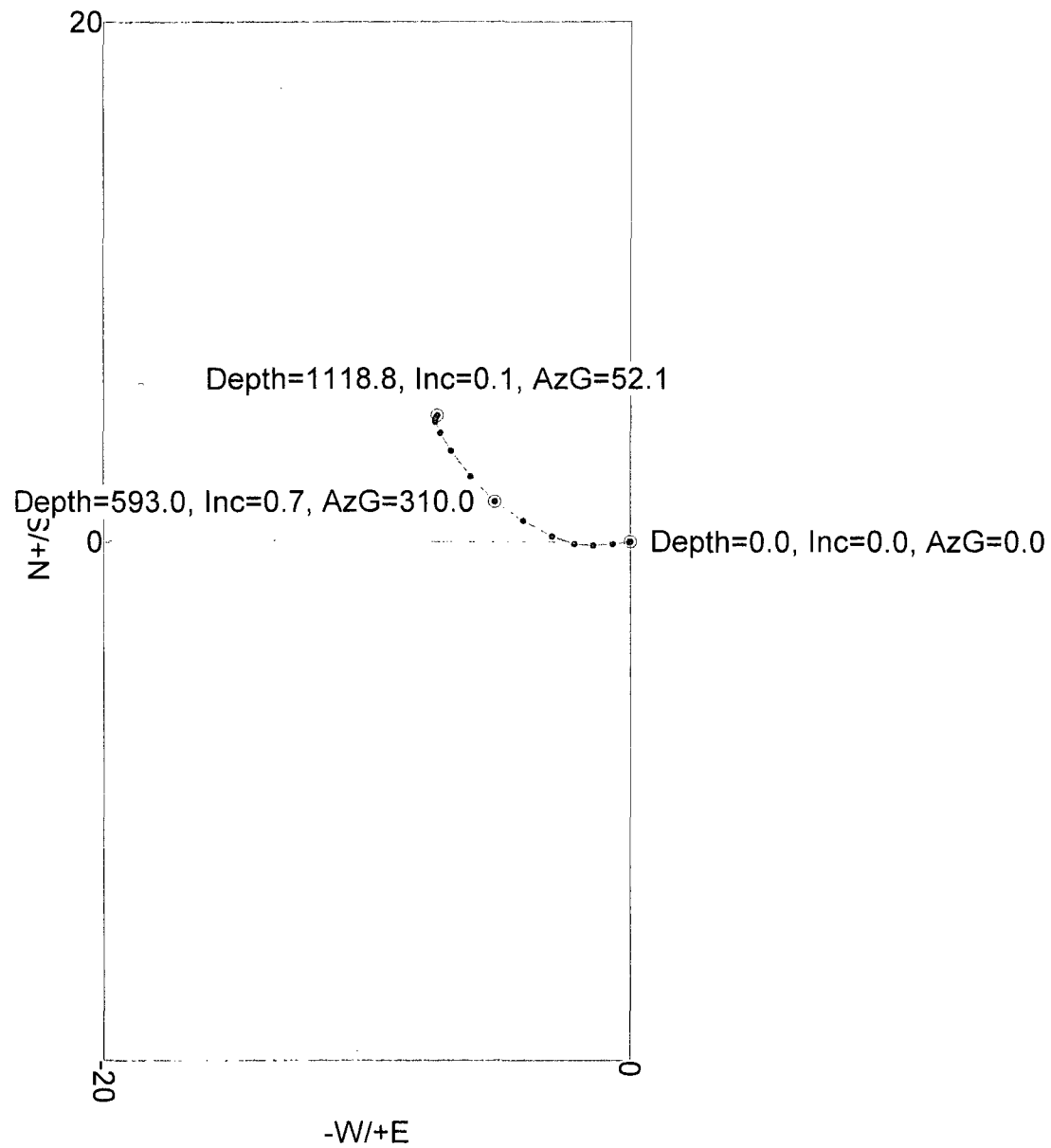
Vaughn Energy Services
 Midland, TX
 432-563-5444

Surveyor: Gene Heiss
 Bell Lake 24 Fed 2H / API 30-025-41306

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	****
31.62	0.23	260.54	31.62	-0.01	-0.06	-0.01	0.06	260.54	0.72
125.18	0.53	263.39	125.18	-0.09	-0.68	-0.09	0.68	262.35	0.32
218.74	0.39	269.95	218.73	-0.14	-1.42	-0.14	1.43	264.34	0.16
312.30	0.48	278.90	312.29	-0.08	-2.12	-0.08	2.12	267.82	0.12
405.86	0.63	297.32	405.85	0.21	-2.96	0.21	2.97	274.14	0.25
499.42	0.90	300.04	499.40	0.82	-4.05	0.82	4.13	281.39	0.29
592.98	0.69	309.99	592.95	1.55	-5.12	1.55	5.34	286.81	0.26
686.54	0.95	320.86	686.50	2.51	-6.04	2.51	6.54	292.56	0.32
780.10	0.56	327.07	780.05	3.49	-6.77	3.49	7.62	297.26	0.42
873.66	0.43	331.54	873.61	4.18	-7.18	4.18	8.31	300.17	0.14
976.22	0.10	342.09	976.17	4.60	-7.39	4.60	8.71	301.87	0.32
1060.78	0.12	18.57	1060.73	4.75	-7.39	4.75	8.78	302.73	0.08
1118.78	0.14	52.14	1118.73	4.85	-7.31	4.85	8.77	303.55	0.14



Vaughn Energy Services
Midland, TX
432-563-5444
Surveyor: Gene Heiss
Bell Lake 24 Fed 2H / API 30-025-41306





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: March 14, 2014

Attention: Kurtis Schmitz

HOBBS OCD

Re: Devon Energy
Well: Bell Lake 24 Fed 2H
Lea County, New Mexico

AUG 21 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	2H	1339 MD 16004 MD	2/15/2014 3/10/2014	Measurement While Drilling

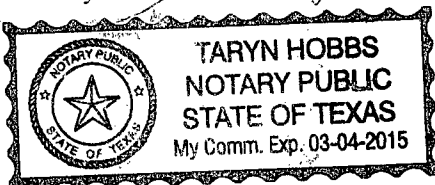
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesus Aguilar
MWD Coordinator

On this, the 14th day of March, 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



5D Survey Report**Devon Energy**

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

10 March 2014





Weatherford®

Bell Lake 24 Fed 2H

Field Name Lea Co, NM Nad 83 NM	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
	Position	Northing : 435924.22 US ft	Latitude : 32° 11' 47.24"
		Easting : 760116.07 US ft	Longitude : -103° 37' 33.83"
	Elevation above Mean Sea Level: 3554.00 US ft		
Comment :			

Slot Name Bell Lake 24 Fed 2H	Position (Offsets relative to Site Centre)		
	+N / -S : 0.00 US ft	Northing : 435924.22 US ft	Latitude : 32° 11' 47.24"
	+E / -W : 0.00 US ft	Easting : 760116.07 US ft	Longitude : -103° 37' 33.83"
	Slot TVD Reference : Ground Elevation		
	Elevation above Mean Sea Level : 3554.00 US ft		
Comment :			

Well Name Bell Lake 24 Fed 2H	Type : Main well	UWI :	
	Rig Height Drill Floor : 25.00 US ft	Comment :	
	Relative to Mean Sea Level: 3579.00 US ft		
	Closure Distance : 4918.08 US ft	Closure Azimuth : 14.4587°	
	Vertical Section (Position of Origin Relative to Slot)		
+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az : 1.39°

Target Set

Name : Bell Lake 24 Fed 2H **Number of Targets :** 3

Comment :

Target Name: S tgt Shape: Cuboid	Position (Relative to Slot centre)		
	+N / -S : 337.98 US ft	Northing : 435586.24 US ft	Latitude : 32° 11' 43.82"
	+E / -W : 1119.44 US ft	Easting : 761285.51 US ft	Longitude : -103° 37' 20.83"
	TVD (Drill Floor) : 9371.99 US ft		
	Orientation Azimuth : 0.00°	Inclination : 0.00°	
Dimensions Length : 20.00 US ft	Breadth : 20.00 US ft	Height : 20.00 US ft	

5D Survey Report

Target Name: LP Tgt	Position (Relative to Slot centre)		
	+N / -S : 139.88US ft	Northing : 436064.10 US ft	Latitude : 32°11'48.55"
Shape: Cuboid	+E / -W : 1131.00 US ft	Easting : 761247.07US ft	Longitude : -103°37'20.66"
	TVD (Drill Floor) : 11079.00 US ft		
	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-2H	Position (Relative to Slot centre)		
	+N / -S : 4762.02US ft	Northing : 440686.24 US ft	Latitude : 32°12'34.28"
Shape: Cuboid	+E / -W : 1242.85 US ft	Easting : 761358.92US ft	Longitude : -103°37'19.00"
	TVD (Drill Floor) : 11079.00 US ft		
	Orientation Azimuth : 1.39°	Inclination : 0.00°	
	Dimensions Length : 9262.00 US ft	Breadth : 50.00 US ft	Height : 20.00 US ft

Survey Name: Wft Svy

Date : 18/Feb/2014 **Survey Tool :** MWD **Comment :** **Company :**

Magnetic Model

Model Name: BGGM **Date:** 15/Feb/2014 **Field Strength:** **Declination:** 7.39° **Dip:** 60.07°
48333.1 nT

Tie Point
MD: 1118.78 **Inclination:** 0.14 **Azimuth:** 52.14 **TVD:** 1118.73 **North Offset:** 4.85 **East Offset:** -7.31

Casing Points (Relative to Slot centre, TVD relative to Drill Floor)

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
4959.00	7.24	120.27	4921.64	-154.49	480.00	435769.73	760596.07	9 5/8 in

Well path created using minimum curvature

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)

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
1118.78	0.14	52.14	1118.73	4.85	-7.31	4.67	0.00	435929.07	760108.76	Tie On VES
1339.00	1.66	100.63	1338.91	4.43	-3.96	4.33	0.71	435928.65	760112.11	First Wft Svy
1371.00	2.80	106.32	1370.89	4.12	-2.76	4.05	3.62	435928.34	760113.31	
1402.00	3.78	108.04	1401.84	3.59	-1.06	3.57	3.18	435927.81	760115.01	
1434.00	4.50	110.33	1433.75	2.83	1.12	2.86	2.31	435927.05	760117.19	
1465.00	5.31	109.90	1464.64	1.92	3.61	2.01	2.62	435926.14	760119.68	
1560.00	6.74	112.53	1559.11	-1.71	12.89	-1.40	1.53	435922.51	760128.96	
1654.00	6.28	112.87	1652.51	-5.83	22.73	-5.27	0.49	435918.39	760138.80	
1749.00	7.10	107.77	1746.86	-9.64	33.11	-8.83	1.07	435914.58	760149.18	
1844.00	7.84	103.43	1841.05	-12.93	45.00	-11.84	0.98	435911.29	760161.07	
1936.00	7.62	103.37	1932.22	-15.80	57.04	-14.41	0.24	435908.42	760173.11	
2032.00	7.44	103.97	2027.39	-18.77	69.26	-17.09	0.20	435905.45	760185.33	
2127.00	7.21	103.94	2121.62	-21.69	81.01	-19.72	0.24	435902.53	760197.08	
2221.00	8.11	104.59	2214.78	-24.79	93.16	-22.52	0.96	435899.43	760209.23	
2316.00	8.49	104.11	2308.78	-28.18	106.44	-25.59	0.41	435896.04	760222.51	
2410.00	8.25	105.34	2401.78	-31.66	119.68	-28.75	0.32	435892.56	760235.75	
2506.00	7.75	106.39	2496.84	-35.31	132.53	-32.08	0.54	435888.91	760248.60	
2600.00	8.55	105.11	2589.89	-38.92	145.36	-35.38	0.87	435885.30	760261.43	
2695.00	8.86	105.31	2683.80	-42.69	159.23	-38.82	0.33	435881.53	760275.30	
2789.00	8.29	106.72	2776.75	-46.55	172.70	-42.35	0.65	435877.67	760288.77	
2884.00	7.77	109.51	2870.82	-50.67	185.31	-46.16	0.68	435873.55	760301.38	
2978.00	7.31	111.54	2964.00	-54.98	196.87	-50.19	0.57	435869.24	760312.94	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (² /100 US ft)	Northing (US ft)	Easting (US ft)	Comment
3073.00	6.97	111.18	3058.27	-59.29	207.86	-54.23	0.36	435864.93	760323.93	
3167.00	7.86	108.55	3151.48	-63.39	219.27	-58.05	1.01	435860.83	760335.34	
3262.00	8.57	106.29	3245.51	-67.44	232.23	-61.79	0.82	435856.78	760348.30	
3356.00	8.13	106.80	3338.51	-71.33	245.31	-65.36	0.47	435852.89	760361.38	
3451.00	8.33	104.00	3432.53	-74.94	258.42	-68.64	0.47	435849.28	760374.49	
3545.00	10.23	102.37	3525.30	-78.37	273.18	-71.72	2.04	435845.85	760389.25	
3640.00	11.02	102.97	3618.67	-82.22	290.27	-75.15	0.84	435842.00	760406.34	
3734.00	10.28	102.03	3711.05	-85.98	307.23	-78.50	0.81	435838.24	760423.30	
3829.00	9.59	101.10	3804.62	-89.27	323.29	-81.40	0.75	435834.95	760439.36	
3923.00	8.65	102.32	3897.43	-92.29	337.88	-84.06	1.02	435831.93	760453.95	
4017.00	8.82	106.24	3990.34	-95.81	351.70	-87.25	0.66	435828.41	760467.77	
4111.00	9.03	111.06	4083.21	-100.48	365.50	-91.58	0.83	435823.74	760481.57	
4205.00	8.20	111.84	4176.15	-105.62	378.61	-96.41	0.89	435818.60	760494.68	
4300.00	8.23	112.09	4270.17	-110.70	391.20	-101.18	0.05	435813.52	760507.27	
4394.00	8.23	114.08	4363.20	-115.97	403.58	-106.15	0.30	435808.25	760519.65	
4489.00	8.72	113.72	4457.17	-121.65	416.38	-111.51	0.52	435802.57	760532.45	
4583.00	9.26	113.22	4550.01	-127.49	429.85	-117.03	0.58	435796.73	760545.92	
4678.00	9.28	116.92	4643.77	-133.98	443.70	-123.17	0.63	435790.24	760559.77	
4772.00	9.17	119.50	4736.55	-141.10	456.98	-129.97	0.46	435783.12	760573.05	
4866.00	8.23	120.37	4829.47	-148.19	469.31	-136.76	1.01	435776.03	760585.38	
4887.00	7.88	120.76	4850.27	-149.68	471.84	-138.19	1.69	435774.54	760587.91	
4959.00	7.24	120.27	4921.64	-154.49	480.00	-142.80	0.90	435769.73	760596.07	9 5/8 in
5017.00	6.72	119.81	4979.21	-158.02	486.10	-146.18	0.90	435766.20	760602.17	
5112.00	7.73	115.36	5073.45	-163.52	496.69	-151.42	1.21	435760.70	760612.76	
5207.00	9.60	108.43	5167.37	-168.76	509.98	-156.34	2.25	435755.46	760626.05	
5301.00	10.09	107.39	5259.98	-173.70	525.28	-160.91	0.55	435750.52	760641.35	
5396.00	9.73	107.92	5353.57	-178.66	540.86	-165.49	0.39	435745.56	760656.93	
5490.00	9.35	108.85	5446.27	-183.57	555.64	-170.04	0.44	435740.65	760671.71	
5585.00	9.08	108.46	5540.04	-188.44	570.06	-174.55	0.29	435735.78	760686.13	
5680.00	9.05	108.48	5633.85	-193.18	584.25	-178.95	0.03	435731.04	760700.32	
5775.00	8.97	108.08	5727.68	-197.84	598.38	-183.27	0.11	435726.38	760714.45	
5869.00	8.31	110.09	5820.61	-202.45	611.73	-187.55	0.77	435721.77	760727.80	
5964.00	8.63	106.05	5914.58	-206.78	625.02	-191.56	0.71	435717.44	760741.09	
6058.00	8.88	104.02	6007.48	-210.49	638.84	-194.93	0.42	435713.73	760754.91	
6153.00	8.51	104.32	6101.39	-214.00	652.76	-198.11	0.39	435710.22	760768.83	
6247.00	8.08	104.44	6194.41	-217.37	665.90	-201.15	0.46	435706.85	760781.97	
6342.00	7.83	104.95	6288.49	-220.71	678.62	-204.18	0.27	435703.51	760794.69	
6436.00	7.67	105.20	6381.64	-224.00	690.86	-207.18	0.17	435700.22	760806.93	
6531.00	7.31	104.35	6475.82	-227.16	702.83	-210.05	0.40	435697.06	760818.90	
6625.00	8.21	106.10	6568.96	-230.51	715.07	-213.09	0.99	435693.71	760831.14	
6720.00	9.57	101.89	6662.82	-234.01	729.32	-216.25	1.59	435690.21	760845.39	
6815.00	9.31	101.26	6756.53	-237.14	744.58	-219.01	0.29	435687.08	760860.65	
6910.00	10.54	102.08	6850.11	-240.46	760.62	-221.94	1.30	435683.76	760876.69	
7004.00	10.33	103.49	6942.56	-244.23	777.22	-225.30	0.35	435679.99	760893.29	
7099.00	9.94	104.21	7036.07	-248.23	793.45	-228.90	0.43	435675.99	760909.52	
7194.00	9.72	106.57	7129.68	-252.53	809.08	-232.82	0.48	435671.69	760925.15	
7288.00	9.28	106.91	7222.39	-256.99	823.94	-236.93	0.47	435667.23	760940.01	
7383.00	8.86	106.87	7316.20	-261.34	838.27	-240.93	0.44	435662.88	760954.34	
7477.00	8.39	108.18	7409.14	-265.58	851.71	-244.85	0.54	435658.64	760967.78	
7572.00	8.03	109.51	7503.16	-269.96	864.55	-248.91	0.43	435654.26	760980.62	
7667.00	9.16	106.87	7597.10	-274.37	878.05	-252.99	1.26	435649.85	760994.12	
7761.00	8.81	107.30	7689.94	-278.69	892.08	-256.96	0.38	435645.53	761008.15	
7856.00	8.65	109.23	7783.84	-283.20	905.77	-261.15	0.35	435641.02	761021.84	
7951.00	9.82	103.70	7877.61	-287.47	920.39	-265.06	1.54	435636.75	761036.46	
8046.00	9.78	104.58	7971.23	-291.42	936.07	-268.63	0.16	435632.80	761052.14	
8140.00	9.45	108.26	8063.91	-295.85	951.12	-272.69	0.74	435628.37	761067.19	
8235.00	8.45	110.27	8157.75	-300.71	965.08	-277.21	1.10	435623.51	761081.15	
8330.00	8.17	113.00	8251.75	-305.77	977.84	-281.96	0.51	435618.45	761093.91	
8424.00	8.80	105.84	8344.72	-310.34	990.90	-286.21	1.31	435613.88	761106.97	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										Comment
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)	
8518.00	8.03	107.20	8437.71	-314.25	1004.09	-289.80	0.85	435609.97	761120.16	
8613.00	8.37	103.81	8531.74	-317.86	1017.15	-293.09	0.62	435606.36	761133.22	
8707.00	7.26	105.24	8624.87	-321.05	1029.52	-295.98	1.20	435603.17	761145.59	
8802.00	6.39	107.31	8719.19	-324.20	1040.36	-298.87	0.95	435600.02	761156.43	
8897.00	5.12	111.42	8813.71	-327.32	1049.35	-301.77	1.40	435596.90	761165.42	
8991.00	4.37	116.43	8907.39	-330.45	1056.46	-304.73	0.91	435593.77	761172.53	
9085.00	4.26	110.59	9001.12	-333.27	1062.94	-307.39	0.48	435590.95	761179.01	
9179.00	3.67	99.02	9094.90	-334.97	1069.18	-308.94	1.05	435589.25	761185.25	
9274.00	2.55	93.79	9189.76	-335.59	1074.29	-309.43	1.21	435588.63	761190.36	
9368.00	1.79	96.64	9283.69	-335.90	1077.84	-309.65	0.82	435588.32	761193.91	
9463.00	1.14	90.58	9378.66	-336.08	1080.25	-309.77	0.70	435588.14	761196.32	
9558.00	0.84	86.19	9473.64	-336.04	1081.89	-309.70	0.33	435588.18	761197.96	
9652.00	1.54	93.29	9567.62	-336.07	1083.84	-309.68	0.76	435588.15	761199.91	
9747.00	1.17	97.14	9662.60	-336.26	1086.08	-309.82	0.40	435587.96	761202.15	
9841.00	1.55	142.58	9756.57	-337.39	1087.80	-310.90	1.18	435586.83	761203.87	
9936.00	1.29	176.96	9851.55	-339.48	1088.64	-312.97	0.92	435584.74	761204.71	
10030.00	1.26	214.30	9945.52	-341.39	1088.12	-314.89	0.87	435582.83	761204.19	
10124.00	1.69	242.26	10039.49	-342.89	1086.31	-316.44	0.88	435581.33	761202.38	
10219.00	1.44	235.19	10134.46	-344.22	1084.09	-317.82	0.33	435580.00	761200.16	
10314.00	1.72	230.61	10229.42	-345.81	1082.00	-319.46	0.32	435578.41	761198.07	
10408.00	1.51	227.59	10323.38	-347.54	1080.00	-321.24	0.24	435576.68	761196.07	
10502.00	1.67	230.12	10417.35	-349.25	1078.03	-323.00	0.19	435574.97	761194.10	
10584.00	1.12	230.30	10499.32	-350.53	1076.50	-324.31	0.67	435573.69	761192.57	
10622.00	1.15	226.58	10537.32	-351.03	1075.94	-324.83	0.21	435573.19	761192.01	
10654.00	1.26	254.94	10569.31	-351.34	1075.37	-325.15	1.87	435572.88	761191.44	
10685.00	2.29	348.06	10600.30	-350.82	1074.91	-324.65	8.62	435573.40	761190.98	
10716.00	5.81	5.24	10631.22	-348.65	1074.92	-322.48	11.89	435575.57	761190.99	
10748.00	9.41	5.82	10662.93	-344.44	1075.34	-318.25	11.25	435579.78	761191.41	
10779.00	12.82	5.31	10693.34	-338.49	1075.91	-312.29	11.00	435585.73	761191.98	
10811.00	16.42	3.95	10724.30	-330.44	1076.55	-304.23	11.30	435593.78	761192.62	
10842.00	19.98	3.17	10753.75	-320.78	1077.15	-294.55	11.51	435603.44	761193.22	
10873.00	23.70	3.01	10782.52	-309.26	1077.77	-283.03	12.00	435614.96	761193.84	
10905.00	27.29	3.46	10811.40	-295.51	1078.55	-269.26	11.23	435628.71	761194.62	
10936.00	30.90	4.48	10838.48	-280.48	1079.60	-254.21	11.75	435643.74	761195.67	
10968.00	34.26	5.05	10865.44	-263.31	1081.03	-237.01	10.54	435660.91	761197.10	
11000.00	37.53	4.47	10891.36	-244.62	1082.59	-218.28	10.27	435679.60	761198.66	
11031.00	40.50	3.44	10915.45	-225.15	1083.93	-198.79	9.81	435699.07	761200.00	
11062.00	43.73	3.32	10938.44	-204.40	1085.15	-178.02	10.42	435719.82	761201.22	
11094.00	47.41	3.42	10960.84	-181.59	1086.50	-155.18	11.50	435742.63	761202.57	
11125.00	51.26	3.70	10981.03	-158.13	1087.96	-131.69	12.44	435766.09	761204.03	
11157.00	55.00	4.77	11000.23	-132.60	1089.85	-106.13	11.99	435791.62	761205.92	
11188.00	59.20	5.85	11017.06	-106.69	1092.27	-80.17	13.86	435817.53	761208.34	
11220.00	63.14	6.33	11032.49	-78.82	1095.24	-52.23	12.38	435845.40	761211.31	
11251.00	66.07	6.77	11045.79	-51.01	1098.44	-24.35	9.54	435873.21	761214.51	
11282.00	69.61	7.67	11057.48	-22.53	1102.05	4.21	11.73	435901.69	761218.12	
11314.00	73.26	5.94	11067.66	7.59	1105.64	34.40	12.50	435931.81	761221.71	
11346.00	77.07	5.39	11075.86	38.36	1108.69	65.25	12.02	435962.58	761224.76	
11377.00	81.14	4.63	11081.71	68.68	1111.35	95.62	13.35	435992.90	761227.42	
11409.00	85.51	4.30	11085.43	100.36	1113.82	127.35	13.69	436024.58	761229.89	
11456.00	90.91	3.46	11086.90	147.21	1117.00	174.26	11.63	436071.43	761233.07	
11550.00	91.96	2.92	11084.55	241.04	1122.23	268.19	1.26	436165.26	761238.30	
11645.00	92.73	3.06	11080.66	335.83	1127.18	363.07	0.82	436260.05	761243.25	
11739.00	91.40	3.55	11077.27	429.61	1132.59	456.95	1.51	436353.83	761248.66	
11833.00	91.68	3.82	11074.75	523.38	1138.63	550.84	0.41	436447.60	761254.70	
11928.00	89.93	2.78	11073.41	618.21	1144.10	645.78	2.14	436542.43	761260.17	
12022.00	89.72	2.94	11073.70	712.09	1148.79	739.75	0.28	436636.31	761264.86	
12116.00	90.00	3.21	11073.93	805.95	1153.83	833.70	0.41	436730.17	761269.90	
12211.00	90.42	3.12	11073.58	900.81	1159.08	928.66	0.45	436825.03	761275.15	
12306.00	89.16	3.62	11073.93	995.64	1164.66	1023.60	1.43	436919.86	761280.73	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										
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
12401.00	88.74	3.91	11075.67	1090.42	1170.90	1118.50	0.54	437014.64	761286.97	
12495.00	87.83	2.48	11078.48	1184.23	1176.13	1212.41	1.80	437108.45	761292.20	
12590.00	88.04	2.01	11081.91	1279.09	1179.85	1307.34	0.54	437203.31	761295.92	
12685.00	87.48	0.68	11085.62	1373.99	1182.08	1402.26	1.52	437298.21	761298.15	
12779.00	87.06	359.07	11090.10	1467.88	1181.88	1496.12	1.77	437392.10	761297.95	
12874.00	89.51	0.04	11092.94	1562.83	1181.14	1591.02	2.77	437487.05	761297.21	
12964.00	90.28	359.94	11093.10	1652.83	1181.12	1680.99	0.86	437577.05	761297.19	
13063.00	90.63	0.34	11092.32	1751.82	1181.37	1779.96	0.54	437676.04	761297.44	
13170.00	90.84	0.37	11090.95	1858.81	1182.03	1886.94	0.20	437783.03	761298.10	
13265.00	90.98	0.82	11089.44	1953.79	1183.02	1981.92	0.50	437878.01	761299.09	
13359.00	91.26	1.92	11087.60	2047.75	1185.26	2075.90	1.21	437971.97	761301.33	
13454.00	91.40	2.54	11085.39	2142.65	1188.96	2170.86	0.67	438066.87	761305.03	
13548.00	90.14	1.07	11084.13	2236.59	1191.92	2264.84	2.06	438160.81	761307.99	
13642.00	90.49	1.44	11083.61	2330.57	1193.98	2358.84	0.54	438254.79	761310.05	
13737.00	90.56	359.96	11082.74	2425.55	1195.14	2453.83	1.56	438349.77	761311.21	
13832.00	90.70	358.81	11081.70	2520.54	1194.12	2548.76	1.22	438444.76	761310.19	
13927.00	90.91	0.69	11080.36	2615.52	1193.70	2643.71	1.99	438539.74	761309.77	
14021.00	91.12	1.25	11078.70	2709.50	1195.29	2737.69	0.64	438633.72	761311.36	
14116.00	91.19	1.37	11076.78	2804.45	1197.47	2832.67	0.15	438728.67	761313.54	
14211.00	89.23	2.23	11076.44	2899.40	1200.45	2927.67	2.25	438823.62	761316.52	
14305.00	89.09	2.93	11077.81	2993.29	1204.68	3021.63	0.76	438917.51	761320.75	
14400.00	89.58	3.44	11078.92	3088.14	1209.96	3116.58	0.74	439012.36	761326.03	
14495.00	89.86	2.73	11079.38	3183.00	1215.07	3211.54	0.80	439107.22	761331.14	
14589.00	90.07	3.90	11079.44	3276.84	1220.51	3305.48	1.26	439201.06	761336.58	
14684.00	89.44	2.85	11079.84	3371.67	1226.10	3400.42	1.29	439295.89	761342.17	
14778.00	90.49	0.13	11079.90	3465.63	1228.54	3494.41	3.10	439389.85	761344.61	
14873.00	91.47	0.56	11078.28	3560.61	1229.12	3589.38	1.13	439484.83	761345.19	
14968.00	92.31	359.82	11075.14	3655.56	1229.43	3684.31	1.18	439579.78	761345.50	
15062.00	90.63	0.26	11072.73	3749.53	1229.50	3778.25	1.85	439673.75	761345.57	
15157.00	90.77	0.37	11071.57	3844.52	1230.02	3873.22	0.19	439768.74	761346.09	
15252.00	91.40	0.43	11069.77	3939.50	1230.68	3968.19	0.67	439863.72	761346.75	
15347.00	89.44	0.00	11069.08	4034.49	1231.04	4063.16	2.11	439958.71	761347.11	
15441.00	88.81	358.68	11070.51	4128.47	1229.96	4157.09	1.56	440052.69	761346.03	
15536.00	88.74	359.32	11072.54	4223.43	1228.30	4251.99	0.68	440147.65	761344.37	
15631.00	88.67	359.05	11074.69	4318.40	1226.95	4346.89	0.29	440242.62	761343.02	
15726.00	88.67	0.04	11076.89	4413.37	1226.19	4441.82	1.04	440337.59	761342.26	
15821.00	88.95	0.73	11078.87	4508.35	1226.83	4536.78	0.78	440432.57	761342.90	
15916.00	90.21	0.25	11079.56	4603.34	1227.64	4631.76	1.42	440527.56	761343.71	
16004.00	88.88	0.06	11080.26	4691.33	1227.88	4719.74	1.53	440615.55	761343.95	Last Wft Svy
16075.00	88.88	0.06	11081.65	4762.32	1227.96	4790.70	0.00	440686.54	761344.03	Projection

Plan Data for Bell Lake 24 Fed 2H



Bell Lake 24 Fed 2H
Lea Co, NM

Plan Point Information:

MD	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
4959.00	6.68	122.10	4921.68	-154.41	479.60	435769.81	760595.67	-142.73	1.68
5118.69	9.00	105.78	5079.89	-162.74	499.49	435761.48	760615.56	-150.58	2.00
9010.52	9.00	105.78	8923.80	-328.37	1085.41	435595.85	761201.48	-301.95	0.00
9460.57	0.00	0.00	9371.99	-337.97	1119.36	435586.25	761235.43	-310.72	2.00
10690.11	0.00	0.00	10601.54	-337.97	1119.36	435586.25	761235.43	-310.72	0.00
11440.11	90.00	1.39	11079.00	139.35	1130.92	436063.57	761246.99	166.74	12.00
16064.13	90.00	1.39	11079.00	4762.02	1242.85	440686.24	761358.92	4790.77	0.00

Plan Data for Bell Lake 24 Fed 2H

Target Set Information:

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)		
S tgt	9371.99	-337.98	1119.44	435586.24	761235.51	Cuboid	
LP Tgt	11079.00	139.88	1131.00	436064.10	761247.07	Cuboid	
PBHL 2H	11079.00	4762.02	1242.85	440686.24	761358.92	Cuboid	

Plan Data for Bell Lake 24 Fed 2H

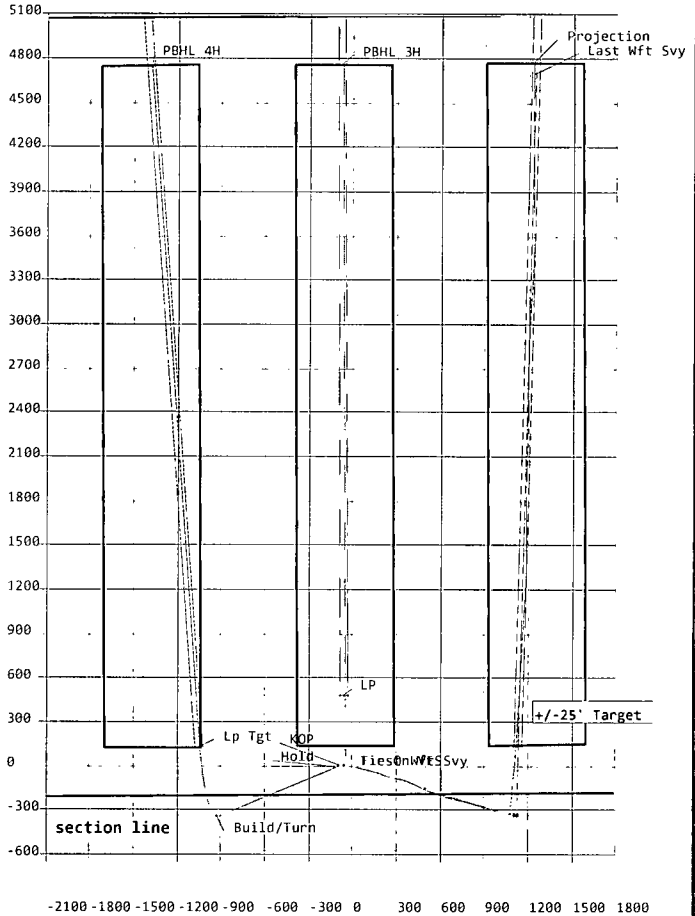
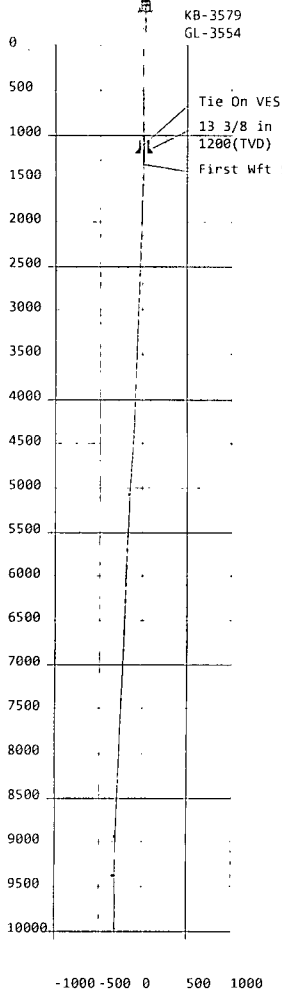
Slot: Bell Lake 24 Fed 2H

Position:
Offset is from Slot centre
+N/-S: 0.00USft Northing: 435924.22USft Latitude: 32°11'47.2"
+E/-W: 0.00USft Easting: 760116.07USft Longitude: -103°37'33.8"
Elevation Above VRD: 3554.00USft

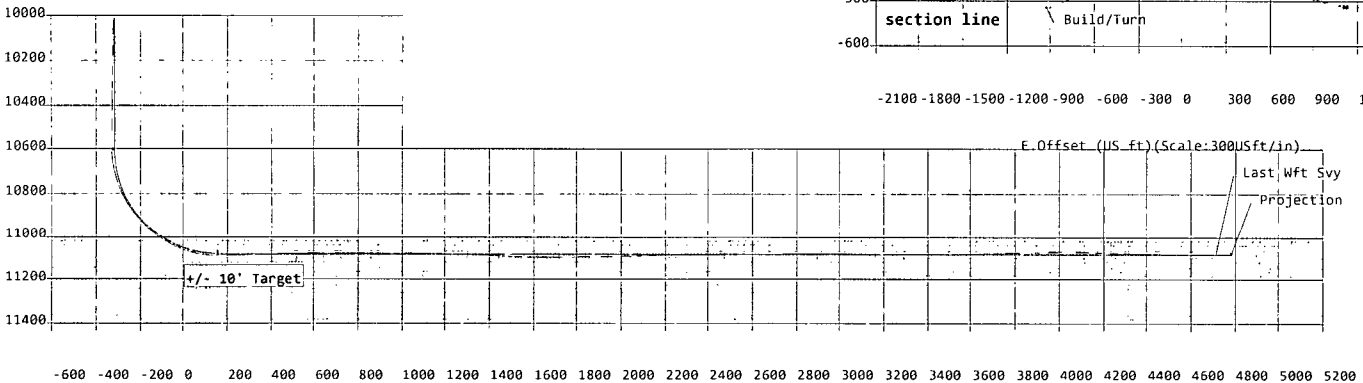
- Bell Lake 24 Fed 2H
- Bell Lake 24 Fed 3H
- Bell Lake 24 Fed 4H
- Bell Lake 24 Fed 2H
- Bell Lake 24 Fed 2H



Weatherford



VS (US ft)(Bearing:1.39° Scale:500USft/in)



VS (US ft)(Bearing:1.39° Scale:200USft/in)

Sign Off: Russell Joyner