

Results of Directional Survey

API number:	30-025-40628			
OGRID:		Operator:	DEVON ENERGY PRODUCTION COMPANY, LP	
		Property:	RED BULL 29 FEDERAL	# 1H

surface	ULSTR:	D	29	T 23S	R 35E
				375 FNL	375 FWL

BH Loc	ULSTR:	M	29	T 23S	R 35E
13163	MD	8721.9	TVD	375 FSL	421 FWL
				4905 FNL	

Top Perf/OH	ULSTR:	D	29	T 23S	R 35E
8970	MD	8742.2	TVD	715 FNL	407 FWL

Bot Perf/OH	ULSTR:	M	29	T 23S	R 35E
13092	MD	8721.9	TVD	456 FSL	421 FWL
				4834 FNL	

	MD	N/S	E/W	VD
	8948	-318.74	31.94	8737.61
TOP PERFS/OH	8970	-340.26	31.91	8742.17
	8979	-349.07	31.90	8744.03
	13016	-4383.31	45.06	8722.99
BOT PERFS/OH	13092	-4459.29	45.88	8721.88
	13110	-4477.29	46.08	8721.62

NEXT TO LAST	13110	-4477.29	46.08	8721.62
LAST READING	13163	-4530.29	46.46	8721.88
TD	13163	-4530.29	46.46	8721.88

Surface Location	375 FN	375 FW
Projected BHL	4905 FN	421 FW
Location of		
Top Perfs/OH	715 FN	407 FW
Bottom Perfs/OH	4834 FN	421 FW

SUMMARY of Subsurface Locations

Surface Location	D-29-23S-35E	375 FN	375 FW	Vert. Depth
Top Perfs/OH	D-29-23S-35E	715 FN	407 FW	8742.17
Bottom Perfs/OH	M-29-23S-35E	4834 FN	421 FW	8721.88
Projected TD	M-29-23S-35E	4905 FN	421 FW	8721.88



A GYRO TECHNOLOGIES INC. COMPANY

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

September 12, 2012

Devon Energy Production Company
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

HOBBS OCD

NOV 20 2012

RECEIVED

Attn: Mark Cooper

Re: Red Bull 29 Federal No. 1H

Please find enclosed a copy of the survey from 0' to 9,080' 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.

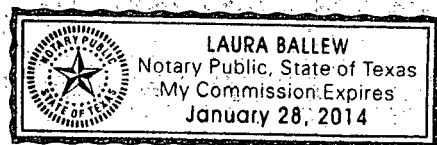
Sincerely,

Keith Havelka
Operations

SUR: D-29-23s-35e, 375/N & 375/W
BHL: M-29-23s-35e, 4905/N & 421/W
API # 30-025-40628

STATE OF TEXAS §
§
COUNTY OF NUECES §

This instrument was acknowledged before me on the 17th day of September A.D., 2012, by Keith Havelka.



Laura Ballew
Notary Public, State of Texas

Company: DEVON ENERGY PRODUCTION COMPANY

Lease/Well: RED BULL 29 FEDERAL/NO. 1H


devon

Rig Name: H&P 416

State/County: NEW MEXICO/LEA

Latitude: 32.28

GRID North is 0.50 Degrees East of True North

VS-Azi: 179.45 Degrees

VES
VAUGHN ENERGY SERVICES

Depth Reference : RKB= 25 FT

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: red bull 29 fed #1h_ed.ut

Minimum Curvature Method

Report Date/Time: 9/12/2012 / 15:24

Vaughn Energy Services

Gardendale Texas

432-563-5444

Surveyor: Danny Spring

Red Bull 29 Federal No. 1H / API 30-025-40628

HOBBS OCD

NOV 20 2012

RECEIVED

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	****
100.00	0.28	139.02	100.00	-0.19	0.16	0.19	0.25	139.02	0.28
200.00	0.16	135.17	200.00	-0.47	0.42	0.48	0.63	138.17	0.12
300.00	0.29	133.51	300.00	-0.74	0.70	0.75	1.02	136.62	0.13
400.00	0.16	148.61	400.00	-1.04	0.96	1.05	1.41	137.27	0.14
500.00	0.33	199.36	500.00	-1.43	0.94	1.44	1.71	146.78	0.26
600.00	0.70	179.66	599.99	-2.31	0.84	2.32	2.46	159.92	0.40
700.00	0.72	181.63	699.98	-3.55	0.83	3.56	3.65	166.84	0.03
800.00	1.13	196.98	799.97	-5.13	0.52	5.13	5.15	174.17	0.48
900.00	1.57	178.04	899.94	-7.44	0.28	7.44	7.45	177.83	0.62
1000.00	1.68	197.96	999.90	-10.21	-0.12	10.21	10.21	180.70	0.57
1100.00	2.55	205.13	1099.84	-13.62	-1.52	13.61	13.71	186.38	0.91
1200.00	2.61	208.62	1199.73	-17.64	-3.56	17.61	18.00	191.41	0.17
1300.00	2.67	200.85	1299.63	-21.82	-5.48	21.76	22.49	194.10	0.36
1400.00	2.34	199.36	1399.53	-25.92	-6.99	25.85	26.85	195.08	0.33
1500.00	2.56	218.95	1499.44	-29.59	-9.07	29.50	30.95	197.04	0.86
1600.00	2.36	228.14	1599.35	-32.70	-12.01	32.58	34.83	200.16	0.44
1700.00	2.35	225.27	1699.27	-35.52	-15.00	35.37	38.55	202.89	0.12
1800.00	2.07	222.57	1799.19	-38.29	-17.68	38.12	42.17	204.78	0.30



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: September 25, 2012

Attention: Kurtis Schmitz

Re: Devon Energy
Well: Red Bull 29 Fed Com #1H
Lea County, New Mexico

SUR: D-29-23s-35e, 375/N & 375/W
BHL: M-29-23s-35e, 4905/N & 421/W
API # 30-025-40628

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:

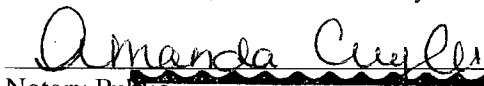
<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
David Latch MWD Supervisor	1H	8230' MD 13110' MD	9/10/2012 9/19/2012	Measurement While Drilling

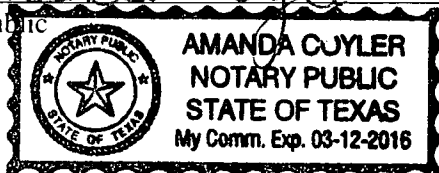
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Jesse Aguilar
Area Manager

On this, the 27th day of September, 2012, before me a notary public, the undersigned officer, personally appeared Jesse 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





Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy Date: 9/19/2012 Time: 06:44:32 Page: 1
Field: Lea County, New Mexico (NAD 83) Co-ordinate(NE) Reference: Well: Red Bull 29 Fed #1H, Grid North
Site: Red Bull 29 Fed #1H Vertical (TVD) Reference: SITE 3422.0
Well: Red Bull 29 Fed #1H Section (VS) Reference: Well (0.00N,0.00E,179.45Azi)
Wellpath: ST01 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy Start Date: 9/13/2012
Company: Weatherford Engineer: Russell W. Joyner
Tool: MWD;MWD - Standard Tied-to: User Defined

Field: Lea County, New Mexico (NAD 83)

Map System: US State Plane Coordinate System 1983 Map Zone: New Mexico, Eastern Zone
Geo Datum: GRS 1980 Coordinate System: Well Centre
Sys Datum: Mean Sea Level Geomagnetic Model: IGRF2010

Site: Red Bull 29 Fed #1H

Site Position: Northing: 467523.34 ft Latitude: 32 16 54.557 N
From: Map Easting: 830714.45 ft Longitude: 103 23 49.097 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3397.00 ft Grid Convergence: 0.50 deg

Well: Red Bull 29 Fed #1H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 467523.34 ft Latitude: 32 16 54.557 N
+E/-W 0.00 ft Easting: 830714.45 ft Longitude: 103 23 49.097 W
Position Uncertainty: 0.00 ft

Wellpath: ST01 Drilled From: ST00
Current Datum: SITE Height 3422.00 ft Tie-on Depth: 3400.00 ft
Magnetic Data: 9/10/2012 Above System Datum: Mean Sea Level
Field Strength: 48579 nT Declination: 7.37 deg
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
ft ft ft deg
0.00 0.00 0.00 179.45

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
8100.00	0.79	88.31	8089.07	136.66	6.71	0.00	-136.59	467660.00	830721.16	Tie on VES
8230.00	9.78	177.81	8218.44	125.63	8.03	7.54	-125.54	467648.97	830722.48	First Wft Svy
8252.00	12.67	178.71	8240.01	121.35	8.16	13.16	-121.26	467644.69	830722.61	
8284.00	16.07	177.94	8271.01	113.41	8.39	10.64	-113.32	467636.75	830722.84	
8315.00	18.15	174.61	8300.63	104.31	9.00	7.41	-104.22	467627.65	830723.45	
8346.00	21.10	176.19	8329.83	93.94	9.83	9.67	-93.84	467617.28	830724.28	
8378.00	23.55	176.28	8359.43	81.81	10.62	7.66	-81.70	467605.15	830725.07	
8409.00	25.84	175.88	8387.59	68.89	11.51	7.41	-68.77	467592.23	830725.96	
8441.00	28.26	175.67	8416.09	54.38	12.59	7.57	-54.25	467577.72	830727.04	
8472.00	30.77	175.08	8443.06	39.16	13.82	8.15	-39.02	467562.50	830728.27	
8504.00	32.53	176.51	8470.30	22.41	15.05	5.98	-22.26	467545.75	830729.50	
8535.00	34.88	173.44	8496.09	5.28	16.57	9.36	-5.12	467528.62	830731.02	
8567.00	37.68	173.97	8521.89	-13.54	18.64	8.80	13.72	467509.80	830733.09	
8599.00	40.62	173.73	8546.70	-33.62	20.80	9.20	33.82	467489.72	830735.25	
8630.00	43.05	174.21	8569.80	-54.18	22.97	7.91	54.40	467469.16	830737.42	
8662.00	45.93	175.06	8592.62	-76.51	25.07	9.19	76.75	467446.83	830739.52	
8693.00	48.33	176.88	8613.71	-99.17	26.66	8.86	99.42	467424.17	830741.11	
8724.00	50.70	178.44	8633.84	-122.72	27.61	8.55	122.98	467400.62	830742.06	
8756.00	53.02	180.11	8653.60	-147.89	27.93	8.33	148.15	467375.45	830742.38	
8790.00	55.44	177.88	8673.47	-175.46	28.42	8.89	175.73	467347.88	830742.87	
8822.00	59.18	177.79	8690.75	-202.37	29.44	11.69	202.64	467320.97	830743.89	
8853.00	63.56	178.24	8705.60	-229.56	30.38	14.19	229.84	467293.78	830744.83	
8885.00	67.80	178.67	8718.78	-258.70	31.16	13.31	258.99	467264.64	830745.61	
8916.00	72.73	179.22	8729.24	-287.87	31.69	15.99	288.16	467235.47	830746.14	



Weatherford

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy
Field: Lea County, New Mexico (NAD 83)
Site: Red Bull 29 Fed #1H
Well: Red Bull 29 Fed #1H
Wellpath: ST01

Date: 9/19/2012 Time: 06:44:32 Page: 2
Co-ordinate(NE) Reference: Well: Red Bull 29 Fed #1H, Grid North
Vertical (TVD) Reference: SITE 3422.0
Section (VS) Reference: Well (0.00N,0.00E,179.45Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	DLS deg/100ft	VS ft	MapN ft	MapE ft	Comment
8948.00	76.94	179.85	8737.61	-318.74	31.94	13.29	319.04	467204.60	830746.39	
8979.00	79.15	180.33	8744.03	-349.07	31.90	7.29	349.36	467174.27	830746.35	
9011.00	81.57	180.74	8749.39	-380.61	31.60	7.67	380.90	467142.73	830746.05	
9042.00	83.90	181.02	8753.31	-411.36	31.13	7.57	411.64	467111.98	830745.58	
9074.00	83.90	181.25	8756.71	-443.17	30.50	0.71	443.44	467080.17	830744.95	
9106.00	84.18	181.17	8760.04	-474.99	29.83	0.91	475.26	467048.35	830744.28	
9137.00	86.36	181.07	8762.59	-505.88	29.22	7.04	506.14	467017.46	830743.67	
9169.00	88.46	180.98	8764.04	-537.84	28.65	6.57	538.09	466985.50	830743.10	
9232.00	90.35	180.94	8764.69	-600.82	27.59	3.00	601.06	466922.52	830742.04	
9326.00	91.33	180.86	8763.31	-694.80	26.12	1.05	695.02	466828.54	830740.57	
9421.00	92.24	180.57	8760.35	-789.75	24.93	1.01	789.95	466733.59	830739.38	
9516.00	92.94	180.32	8756.06	-884.65	24.20	0.78	884.84	466638.69	830738.65	
9610.00	93.01	179.96	8751.18	-978.52	23.97	0.39	978.70	466544.82	830738.42	
9705.00	92.31	179.86	8746.77	-1073.42	24.12	0.74	1073.60	466449.92	830738.57	
9799.00	91.61	180.30	8743.56	-1167.36	23.98	0.88	1167.54	466355.98	830738.43	
9894.00	90.42	180.80	8741.88	-1262.34	23.07	1.36	1262.50	466261.00	830737.52	
9988.00	89.37	180.47	8742.05	-1356.33	22.03	1.17	1356.48	466167.01	830736.48	
10083.00	90.00	180.26	8742.57	-1451.33	21.43	0.70	1451.47	466072.01	830735.88	
10178.00	90.07	180.44	8742.51	-1546.33	20.85	0.20	1546.45	465977.01	830735.30	
10272.00	90.28	179.34	8742.23	-1640.32	21.03	1.19	1640.45	465883.02	830735.48	
10367.00	91.40	179.41	8740.83	-1735.31	22.06	1.18	1735.44	465788.03	830736.51	
10462.00	90.35	180.76	8739.38	-1830.29	21.92	1.80	1830.42	465693.05	830736.37	
10556.00	91.54	180.80	8737.83	-1924.27	20.64	1.27	1924.38	465599.07	830735.09	
10651.00	90.56	181.56	8736.09	-2019.23	18.69	1.31	2019.32	465504.11	830733.14	
10745.00	90.49	180.48	8735.23	-2113.21	17.01	1.15	2113.28	465410.13	830731.46	
10840.00	88.88	181.10	8735.75	-2208.20	15.70	1.82	2208.24	465315.14	830730.15	
10934.00	89.09	180.87	8737.42	-2302.17	14.09	0.33	2302.20	465221.17	830728.54	
11029.00	89.79	180.77	8738.35	-2397.15	12.73	0.74	2397.16	465126.19	830727.18	
11123.00	89.86	181.07	8738.63	-2491.14	11.22	0.33	2491.13	465032.20	830725.67	
11218.00	88.74	178.78	8739.79	-2586.12	11.34	2.68	2586.11	464937.22	830725.79	
11312.00	89.79	178.82	8741.00	-2680.09	13.31	1.12	2680.10	464843.25	830727.76	
11407.00	90.77	177.71	8740.54	-2775.05	16.19	1.56	2775.07	464748.29	830730.64	
11502.00	90.49	177.72	8739.49	-2869.97	19.97	0.29	2870.03	464653.37	830734.42	
11596.00	91.12	177.69	8738.17	-2963.88	23.74	0.67	2963.97	464559.46	830738.19	
11691.00	90.49	177.54	8736.84	-3058.79	27.69	0.68	3058.91	464464.55	830742.14	
11785.00	90.35	176.94	8736.15	-3152.68	32.22	0.66	3152.84	464370.66	830746.67	
11880.00	91.89	177.95	8734.29	-3247.56	36.45	1.94	3247.76	464275.78	830750.90	
11975.00	90.98	178.63	8731.91	-3342.49	39.29	1.20	3342.71	464180.85	830753.74	
12069.00	89.72	179.16	8731.34	-3436.46	41.10	1.45	3436.70	464086.88	830755.55	
12164.00	90.00	178.74	8731.57	-3531.45	42.84	0.53	3531.70	463991.89	830757.29	
12258.00	90.98	179.62	8730.76	-3625.43	44.18	1.40	3625.69	463897.91	830758.63	
12353.00	91.33	180.04	8728.85	-3720.41	44.47	0.58	3720.67	463802.93	830758.92	
12447.00	90.00	180.71	8727.76	-3814.40	43.85	1.58	3814.65	463708.94	830758.30	
12542.00	91.26	180.27	8726.71	-3909.39	43.04	1.40	3909.62	463613.95	830757.49	
12637.00	89.93	179.70	8725.73	-4004.38	43.06	1.52	4004.61	463518.96	830757.51	
12732.00	89.23	180.28	8726.42	-4099.38	43.08	0.96	4099.60	463423.96	830757.53	
12826.00	90.07	179.70	8727.00	-4193.38	43.10	1.09	4193.60	463329.96	830757.55	
12921.00	91.40	179.38	8725.78	-4288.36	43.86	1.44	4288.59	463234.98	830758.31	
13016.00	91.96	179.17	8722.99	-4383.31	45.06	0.63	4383.55	463140.03	830759.51	
13110.00	89.72	179.59	8721.62	-4477.29	46.08	2.42	4477.53	463046.05	830760.53	Last Wft Svy
13163.00	89.72	179.59	8721.88	-4530.29	46.46	0.00	4530.53	462993.05	830760.91	Proj. To Bit



Weatherford

WFT Survey Report X & Y's



Weatherford

Company: Devon Energy	Date: 9/19/2012	Time: 06:44:32	Page: 3
Field: Lea County, New Mexico (NAD 83)	Co-ordinate(NE) Reference: Well: Red Bull 29 Fed #1H, Grid North		
Site: Red Bull 29 Fed #1H	Vertical (TVD) Reference: SITE 3422.0		
Well: Red Bull 29 Fed #1H	Section (VS) Reference: Well (0.00N,0.00E,179.45Azi)		
Wellpath: ST01	Survey Calculation Method: Minimum Curvature		Db: Sybase

Annotation

MD ft	TVD ft	
8100.00	8089.07	Tie on VES
8230.00	8218.44	First Wft Svy
13110.00	8721.62	Last Wft Svy
13163.00	8721.88	Proj. To Bit

devon

Red Bull 29 Fed Com 1H
Lea County, New Mexico

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	8100.00	0.79	88.31	8089.07	136.66	6.71	0.00	0.00	-136.59	
2	8192.00	0.49	170.75	8181.07	136.29	7.41	0.95	146.20	-136.21	
3	8208.40	2.67	179.55	8197.46	135.84	7.42	13.33	10.76	-135.76	
4	8213.40	2.67	179.55	8202.45	135.61	7.42	0.00	0.00	-135.53	
5	9117.53	90.46	179.55	8765.00	-458.56	12.06	9.71	0.01	458.65	
6	13191.00	90.46	179.55	8732.00	-4531.77	43.85	0.00	0.00	4531.98	PBHL

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Red Bull 29 Fed #1H	0.00	0.00	467523.34	830714.45	32°16'54.557N	103°23'49.097W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL	8732.00	-4531.77	43.85	462991.57	830758.30	32°16'09.713N	103°23'49.047W	Rectangle (4073x40)

SITE DETAILS

Red Bull 29 Fed #1H
Site Centre Northing: 467523.34
Easting: 830714.45
Ground Level: 3397.00
Positional Uncertainty: 0.00
Convergence: 0.50



Azimuths to Grid North
True North: -0.50°
Magnetic North: 6.87°

Magnetic Field
Strength: 48579nT
Dip Angle: 60.24°
Date: 9/10/2012
Model: IGRF2010

Total Correction to Grid North: 6.87°

FIELD DETAILS

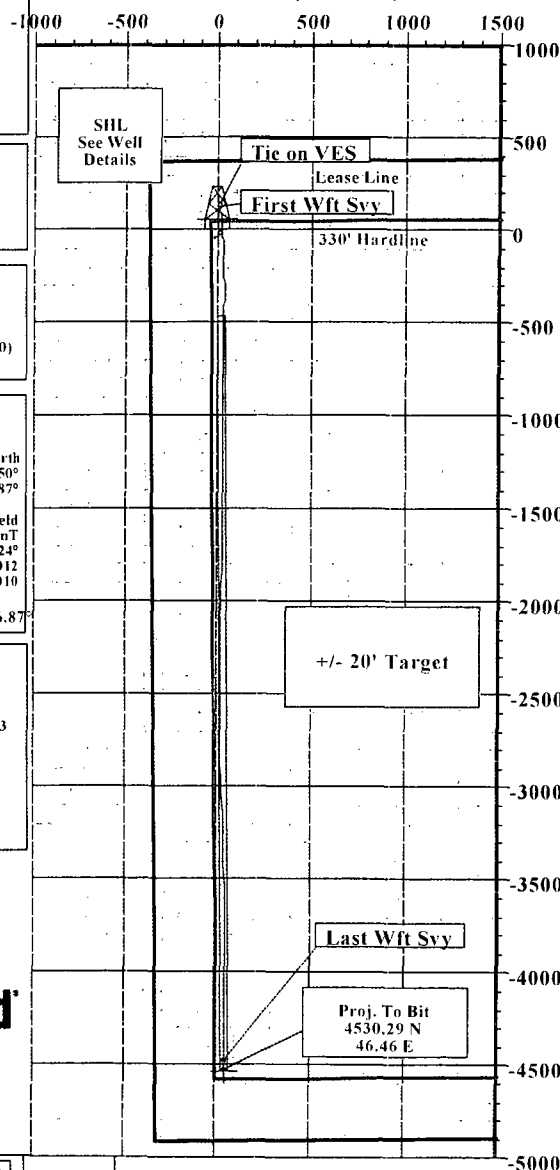
Lea County, New Mexico (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North



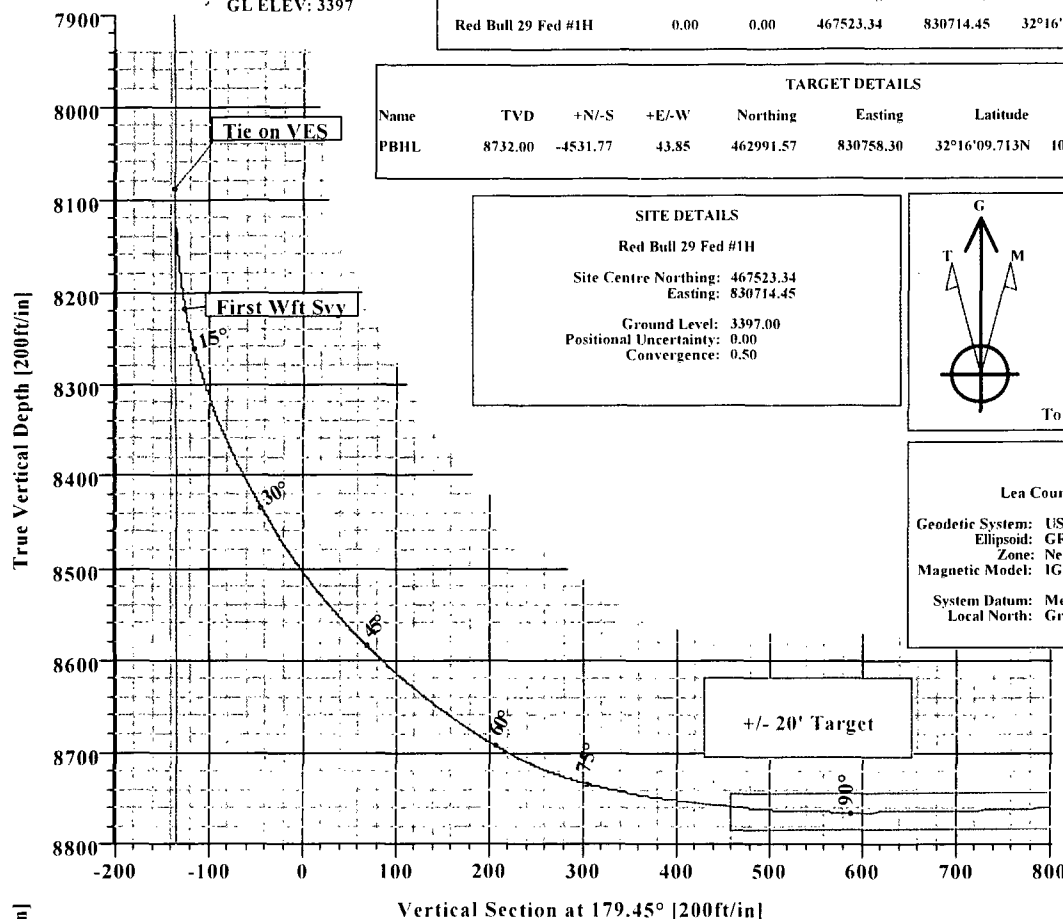
Weatherford

+/- 20' Target

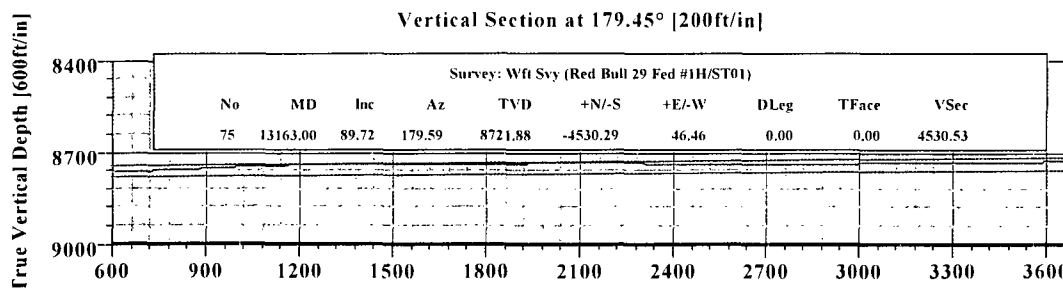
West(-)/East(+) [1000ft/in]



South(-)/North(+) [1000ft/in]



Vertical Section at 179.45° [200ft/in]



Vertical Section at 179.45° [600ft/in]

Survey: Wft Svy (Red Bull 29 Fed #1H/ST01)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
75	13163.00	89.72	179.59	8721.88	-4530.29	46.46	0.00	0.00	4530.53

Proj. To Bit

Last Wft Svy

LEGEND

- Red Bull 29 Fed #1H/ST01.Gyro Svy
- ST01
- Wft Svy

Survey: Wft Svy (Red Bull 29 Fed #1H/ST01)

Created By: Russell W. Joyner

Date: 9/19/2012