

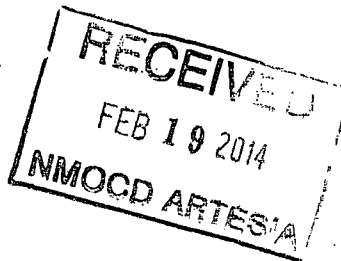


A GYRO TECHNOLOGIES INC. COMPANY

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

September 27, 2013

30-015-40502



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

Attn: Patti Riechers

Re: **Burton Flat Deep Unit No 053H**

Please find enclosed a copy of the survey from 0' to 2,625' ran on the above referenced well.

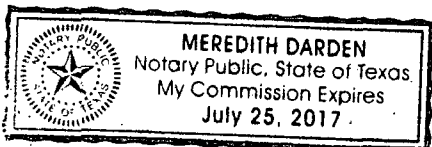
If I can be of any further service, please do not hesitate to call me at 800-606-4976.

Sincerely,

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 27th day of September A.D., 2013, by Keith Havelka.



Meredith Darden
Notary Public, State of Texas



Company: Devon Energy
Well: Burton Flat Deep Unit No 053H

Rig Name: Cactus #126
State/County: New Mexico/Eddy
Latitude: 32.51, Longitude: -104.17
GRID North is 0.09 Degrees East of True North
VS-Azi: 0.00 Degrees



Depth Reference : R.K.B. Height of 25 ft.

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: final.ut
Minimum Curvature Method
Report Date/Time: 9/27/2013 / 12:26

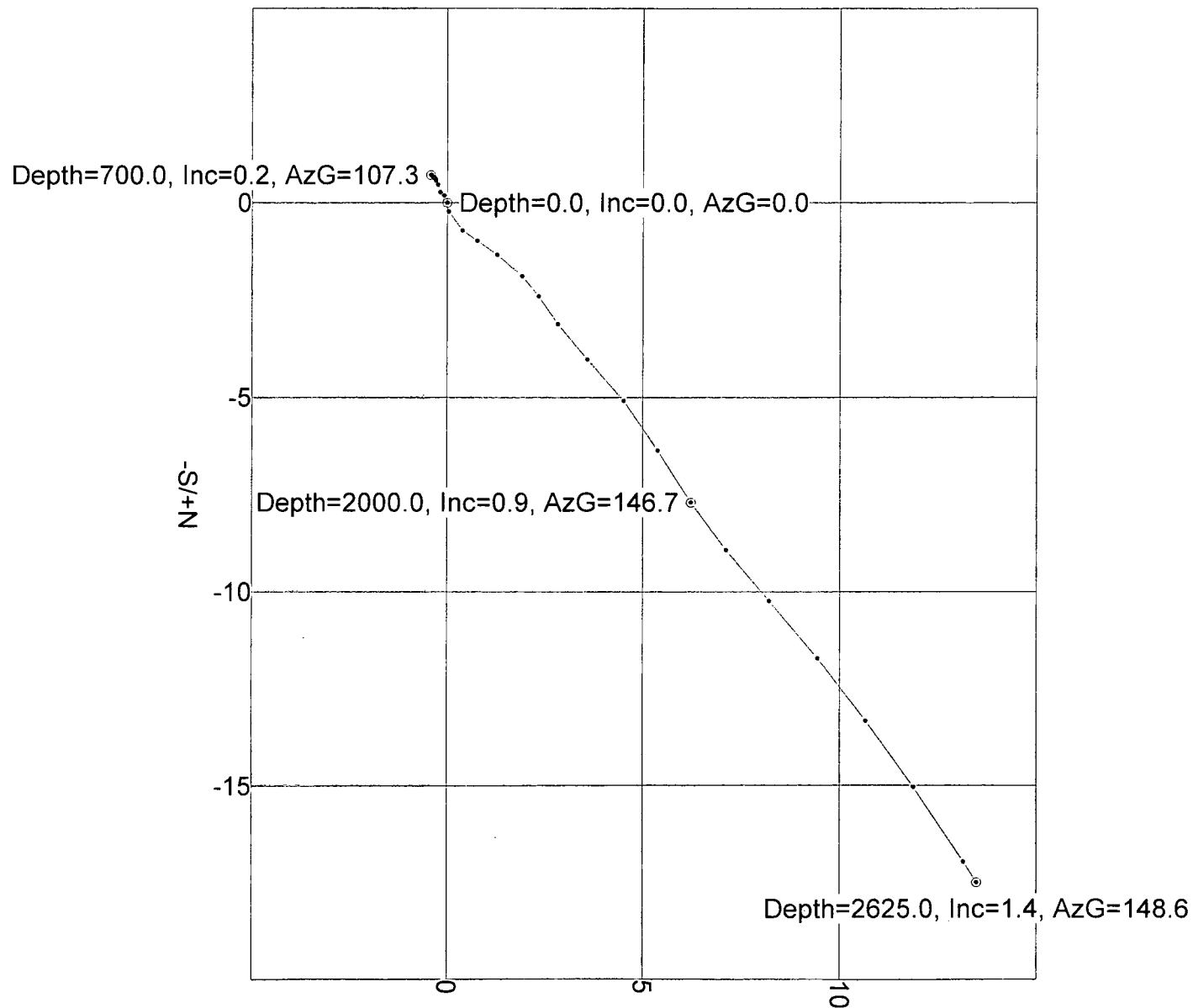
Vaughn Energy Services
Midland, TX
817-741-3610
Surveyor: Joshua Kirby
Burton Flat Deep Unit No 053H / API 30-015-40502

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	0.23	338.41	100.00	0.18	-0.07	0.18	0.20	338.41	0.23
200.00	0.15	316.62	200.00	0.46	-0.23	0.46	0.52	333.13	0.11
300.00	0.11	355.64	300.00	0.65	-0.33	0.65	0.73	333.19	0.09
400.00	0.12	191.66	400.00	0.65	-0.36	0.65	0.74	331.10	0.23
500.00	0.12	59.49	500.00	0.60	-0.29	0.60	0.67	334.32	0.22
600.00	0.23	285.52	600.00	0.71	-0.39	0.71	0.81	331.20	0.32
700.00	0.19	107.27	700.00	0.71	-0.42	0.71	0.83	329.50	0.42
800.00	0.10	198.39	800.00	0.57	-0.29	0.57	0.64	333.47	0.22
900.00	0.30	148.28	900.00	0.27	-0.18	0.27	0.32	326.16	0.24
1000.00	0.32	163.77	1000.00	-0.23	0.04	-0.23	0.23	170.69	0.09
1100.00	0.40	127.71	1099.99	-0.71	0.39	-0.71	0.81	151.25	0.23
1200.00	0.14	119.52	1199.99	-0.98	0.77	-0.98	1.24	141.95	0.26
1300.00	0.57	126.38	1299.99	-1.33	1.27	-1.33	1.84	136.36	0.43
1400.00	0.41	136.25	1399.99	-1.88	1.92	-1.88	2.69	134.51	0.18
1500.00	0.36	146.01	1499.98	-2.40	2.34	-2.40	3.35	135.78	0.08
1600.00	0.63	146.19	1599.98	-3.12	2.82	-3.12	4.21	137.89	0.26
1700.00	0.72	134.97	1699.97	-4.02	3.57	-4.02	5.38	138.39	0.16
1800.00	0.90	142.17	1799.96	-5.09	4.50	-5.09	6.79	138.51	0.21

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
1900.00	0.87	148.97	1899.95	-6.37	5.38	-6.37	8.33	139.81	0.11
2000.00	0.94	146.67	1999.94	-7.70	6.22	-7.70	9.90	141.08	0.07
2100.00	0.80	140.84	2099.93	-8.93	7.11	-8.93	11.42	141.46	0.16
2200.00	1.15	139.44	2199.91	-10.23	8.21	-10.23	13.12	141.28	0.35
2300.00	1.05	141.37	2299.90	-11.71	9.43	-11.71	15.04	141.16	0.11
2400.00	1.26	144.04	2399.87	-13.32	10.65	-13.32	17.05	141.36	0.22
2500.00	1.16	145.37	2499.85	-15.04	11.87	-15.04	19.16	141.72	0.10
2600.00	1.49	147.40	2599.83	-16.97	13.15	-16.97	21.47	142.24	0.33
2625.00	1.39	148.63	2624.82	-17.51	13.48	-17.51	22.10	142.40	0.42



Vaughn Energy Services
Midland, TX
817-741-3610
Surveyor: Joshua Kirby
Burton Flat Deep Unit No 053H / API 30-015-40502



-W/+E
VES Survey Date: 09/24/2013



Job Number: MD-131118

Company: DEVON ENERGY

Lease/Well: BURTON FLAT DEEP UNIT #53H

Location: CARLSBAD

Rig Name: CACTUS 126

RKB:

G.L. or M.S.L.:

State/Country: NEW MEXICO

Declination: 7.63

Grid: NORTH

File name: C:\WINSERVE\131118.SVY

Date/Time: 10-Oct-13 / 10:55

Curve Name: As Drilled

LEAM Drilling Systems

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 86.63

Vertical Section Referenced to Wellhead

Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
VES GYRO SURVEY									
2625.00	1.39	148.63	2624.82	-17.48	13.47	12.42	22.07	142.38	.00
2724.00	1.32	156.87	2723.79	-19.55	14.54	13.37	24.37	143.36	.21
2818.00	2.73	105.36	2817.74	-21.14	17.13	15.85	27.21	140.99	2.31
2913.00	3.17	96.75	2912.61	-22.05	21.92	20.58	31.09	135.17	.66
3009.00	3.08	100.27	3008.47	-22.82	27.09	25.70	35.42	130.11	.22
3103.00	3.08	99.21	3102.33	-23.68	32.07	30.62	39.86	126.44	.06
3198.00	3.43	95.52	3197.18	-24.36	37.42	35.92	44.65	123.06	.43
3293.00	1.23	82.34	3292.10	-24.50	41.26	39.75	47.98	120.70	2.37
3387.00	1.14	64.23	3386.08	-23.96	43.10	41.62	49.31	119.07	.41
3482.00	1.32	54.21	3481.05	-22.90	44.84	43.41	50.35	117.06	.29
3576.00	1.14	49.82	3575.03	-21.67	46.43	45.08	51.24	115.02	.22
3670.00	1.14	58.96	3669.01	-20.58	47.95	46.65	52.18	113.23	.19
3765.00	1.14	43.14	3764.00	-19.41	49.40	48.18	53.08	111.45	.33
3859.00	1.23	50.52	3857.98	-18.08	50.82	49.67	53.94	109.59	.19
3954.00	1.23	47.36	3952.95	-16.74	52.36	51.28	54.97	107.73	.07
4048.00	1.41	36.28	4046.93	-15.13	53.78	52.80	55.87	105.71	.33
4142.00	1.23	36.63	4140.90	-13.39	55.07	54.19	56.67	103.66	.19
4237.00	1.41	31.63	4235.88	-11.57	56.29	55.51	57.47	101.62	.22
4331.00	1.41	35.40	4329.85	-9.64	57.57	56.90	58.37	99.51	.10
4425.00	1.32	29.08	4423.82	-7.76	58.76	58.21	59.27	97.52	.19
4520.00	1.41	26.09	4518.80	-5.75	59.81	59.37	60.08	95.49	.12
4615.00	1.32	19.76	4613.77	-3.67	60.69	60.37	60.80	93.46	.18
4709.00	1.32	27.84	4707.75	-1.69	61.56	61.36	61.59	91.58	.20
4804.00	.53	103.61	4802.73	-.83	62.50	62.35	62.51	90.76	1.36
4898.00	.53	121.01	4896.73	-1.16	63.30	63.12	63.31	91.05	.17

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
				FT	FT	FT	Distance FT	Direction Deg	
4993.00	.53	107.30	4991.73	-1.51	64.09	63.89	64.11	91.35	.13
5088.00	.09	145.79	5086.73	-1.70	64.56	64.34	64.58	91.51	.49
5182.00	.26	253.55	5180.72	-1.83	64.39	64.17	64.42	91.62	.32
5277.00	.62	232.28	5275.72	-2.20	63.78	63.54	63.82	91.98	.41
5371.00	.62	262.51	5369.72	-2.58	62.87	62.61	62.93	92.35	.34
5466.00	.70	283.43	5464.71	-2.51	61.80	61.54	61.85	92.33	.27
5560.00	.88	283.96	5558.70	-2.20	60.54	60.31	60.58	92.09	.19
5655.00	1.06	275.70	5653.69	-1.94	58.96	58.74	58.99	91.89	.24
5749.00	1.41	282.20	5747.67	-1.61	56.96	56.77	56.98	91.62	.40
5844.00	1.06	277.63	5842.64	-1.25	54.95	54.78	54.96	91.30	.38
5939.00	1.06	281.85	5937.63	-.95	53.22	53.07	53.23	91.02	.08
6034.00	1.06	282.73	6032.61	-.58	51.50	51.38	51.50	90.64	.02
6095.00	.97	278.68	6093.60	-.37	50.44	50.33	50.44	90.42	.19
6127.00	.88	280.09	6125.60	-.29	49.93	49.83	49.93	90.33	.29
6158.00	.62	60.54	6156.60	-.16	49.84	49.75	49.84	90.19	4.56
6190.00	5.01	67.57	6188.55	.45	51.28	51.22	51.29	89.49	13.74
6221.00	8.79	67.22	6219.32	1.89	54.72	54.74	54.75	88.02	12.19
6253.00	12.49	76.01	6250.77	3.67	60.33	60.45	60.45	86.52	12.59
6284.00	16.71	79.70	6280.76	5.28	67.98	68.17	68.18	85.56	13.93
6316.00	20.66	80.93	6311.07	6.99	78.08	78.36	78.39	84.88	12.40
6347.00	24.97	81.81	6339.63	8.79	89.96	90.32	90.39	84.42	13.95
6379.00	29.81	82.34	6368.04	10.81	104.54	105.00	105.10	84.10	15.14
6411.00	34.82	82.51	6395.07	13.06	121.49	122.05	122.19	83.86	15.66
6442.00	39.13	82.16	6419.83	15.55	139.97	140.64	140.83	83.66	13.92
6474.00	40.80	81.11	6444.36	18.55	160.30	161.11	161.37	83.40	5.63
6492.00	41.68	80.05	6457.89	20.49	172.01	172.91	173.22	83.21	6.24
6575.00	48.19	78.65	6516.62	31.36	229.58	231.02	231.71	82.22	7.93
6607.00	50.65	78.29	6537.44	36.22	253.39	255.08	255.96	81.87	7.73
6638.00	52.76	76.54	6556.65	41.52	277.13	279.09	280.22	81.48	8.12
6670.00	56.01	76.18	6575.28	47.66	302.41	304.69	306.14	81.04	10.20
6702.00	61.73	75.48	6591.82	54.37	328.95	331.58	333.41	80.62	17.97
6733.00	66.65	75.66	6605.31	61.32	355.97	358.96	361.21	80.23	15.88
6763.00	72.46	75.13	6615.78	68.40	383.16	386.52	389.22	79.88	19.44
6795.00	78.26	74.95	6623.87	76.39	413.06	416.84	420.07	79.52	18.13
6802.00	79.58	75.13	6625.21	78.17	419.70	423.57	426.91	79.45	19.03
6841.00	86.09	76.89	6630.08	87.51	457.22	461.58	465.52	79.16	17.28
6936.00	89.52	77.24	6633.71	108.76	549.73	555.17	560.39	78.81	3.63
7030.00	91.01	80.05	6633.28	127.26	641.88	648.25	654.37	78.79	3.38
7125.00	89.78	81.28	6632.62	142.67	735.61	742.73	749.32	79.02	1.83
7218.00	88.02	83.57	6634.41	154.93	827.78	835.45	842.15	79.40	3.11
7313.00	90.48	88.49	6635.65	161.50	922.50	930.40	936.53	80.07	5.79
7408.00	87.49	85.85	6637.34	166.19	1017.35	1025.36	1030.84	80.72	4.20
7502.00	88.55	87.43	6640.58	171.69	1111.13	1119.30	1124.32	81.22	2.02
7597.00	88.64	87.43	6642.91	175.95	1206.01	1214.27	1218.78	81.70	.09
7691.00	91.19	86.91	6643.05	180.59	1299.88	1308.25	1312.37	82.09	2.77

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7786.00	92.51	87.26	6639.99	185.42	1394.71	1403.20	1406.98	82.43	1.44
7881.00	92.33	86.91	6635.97	190.25	1489.50	1498.11	1501.60	82.72	.41
7976.00	90.66	87.43	6633.50	194.94	1584.35	1593.07	1596.30	82.99	1.84
8070.00	87.14	86.73	6635.30	199.72	1678.20	1687.03	1690.04	83.21	3.82
8165.00	87.67	86.73	6639.60	205.14	1772.94	1781.94	1784.77	83.40	.56
8259.00	87.67	86.91	6643.42	210.35	1866.72	1875.86	1878.54	83.57	.19
8354.00	91.45	87.08	6644.15	215.33	1961.57	1970.84	1973.35	83.74	3.98
8449.00	92.07	86.91	6641.23	220.30	2056.39	2065.79	2068.16	83.89	.68
8543.00	90.31	86.56	6639.28	225.66	2150.22	2159.76	2162.03	84.01	1.91
8638.00	89.52	87.43	6639.42	230.64	2245.09	2254.76	2256.90	84.13	1.24
8732.00	90.04	87.61	6639.78	234.70	2339.00	2348.75	2350.74	84.27	.59
8827.00	87.49	86.38	6641.83	239.68	2433.83	2443.72	2445.61	84.38	2.98
8921.00	87.49	85.50	6645.95	246.33	2527.51	2537.62	2539.48	84.43	.94
9016.00	87.85	86.56	6649.81	252.90	2622.20	2632.53	2634.37	84.49	1.18
9110.00	88.99	87.08	6652.40	258.12	2716.02	2726.49	2728.25	84.57	1.33
9205.00	88.46	86.91	6654.52	263.09	2810.86	2821.47	2823.15	84.65	.59
9299.00	89.08	87.43	6656.53	267.73	2904.73	2915.44	2917.04	84.73	.86
9394.00	88.72	87.26	6658.36	272.13	2999.61	3010.42	3011.93	84.82	.42
9488.00	91.89	89.02	6657.86	275.18	3093.54	3104.37	3105.76	84.92	3.86
9584.00	91.54	88.84	6654.98	276.98	3189.48	3200.25	3201.48	85.04	.41
9679.00	91.54	88.31	6652.43	279.34	3284.42	3295.16	3296.27	85.14	.56
9773.00	88.20	86.20	6652.65	283.84	3378.29	3389.13	3390.19	85.20	4.20
9867.00	88.72	86.38	6655.17	289.92	3472.06	3483.10	3484.14	85.23	.59
9962.00	88.99	86.56	6657.07	295.77	3566.86	3578.08	3579.10	85.26	.34
10056.00	88.64	86.20	6659.01	301.70	3660.65	3672.06	3673.06	85.29	.53
10151.00	89.87	87.61	6660.25	306.83	3755.50	3767.04	3768.01	85.33	1.97
10246.00	89.34	87.26	6660.90	311.08	3850.40	3862.03	3862.95	85.38	.67
10340.00	88.46	86.20	6662.71	316.44	3944.23	3956.01	3956.90	85.41	1.47
10435.00	89.34	86.73	6664.53	322.30	4039.03	4050.99	4051.87	85.44	1.08
10531.00	88.99	86.38	6665.93	328.07	4134.85	4146.98	4147.84	85.46	.52
10626.00	89.43	86.38	6667.24	334.06	4229.65	4241.97	4242.82	85.48	.46
10720.00	88.90	85.68	6668.61	340.57	4323.41	4335.95	4336.80	85.50	.93
10815.00	89.16	85.68	6670.22	347.73	4418.13	4430.93	4431.79	85.50	.27
10911.00	88.64	85.33	6672.06	355.25	4513.81	4526.89	4527.77	85.50	.65
11006.00	90.84	85.15	6672.49	363.13	4608.48	4621.86	4622.76	85.49	2.32
11101.00	91.10	85.15	6670.88	371.16	4703.13	4716.81	4717.75	85.49	.27
11196.00	91.36	85.15	6668.85	379.19	4797.76	4811.76	4812.72	85.48	.27
11270.00	91.19	84.45	6667.20	385.90	4871.44	4885.70	4886.70	85.47	.97
SRAIGHT LINE PROJECTION TO TD									
11331.00	91.19	84.45	6665.93	391.79	4932.14	4946.64	4947.68	85.46	.00