

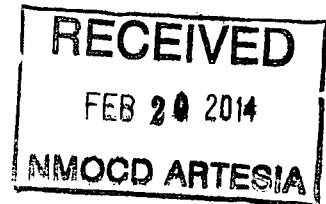


A GYRO TECHNOLOGIES INC. COMPANY

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

October 18, 2013

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



Attn: Patti Riechers

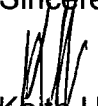
30-015-40515

Re: **Onyx PWU 29 No. 008H**

Please find enclosed a copy of the survey from 0.00' to 5911.00' 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.

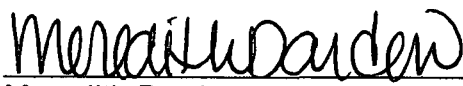
Sincerely,

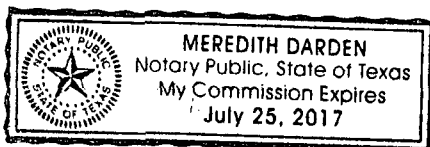

Keith Havelka
Operations

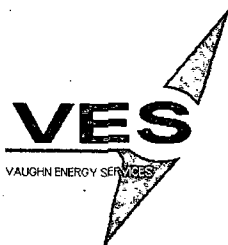
STATE OF TEXAS §

COUNTY OF NUECES §

This instrument was acknowledged before me on the 18 day of October, A.D., 2013, by Keith Havelka.


Meredith Darden
Notary Public, State of Texas





Company: Devon Energy
Lease/Well: Onyx PWU 29/No. 008H
Location: Sec. 29 T 19 S R 29 E
Rig Name: H & P 223
State/County: New Mexico/Eddy
Latitude: 32.63, Longitude: -104.09
GRID North is 0.13 Degrees East of True North
VS-Azi: 0.00 Degrees



Depth Reference : RKB = 25

DRILLOG MS GYRO SURVEY CALCULATIONS

Filename: msgyro_run02-01-de_01.ut

Minimum Curvature Method

Report Date/Time: 10/18/2013 / 11:40

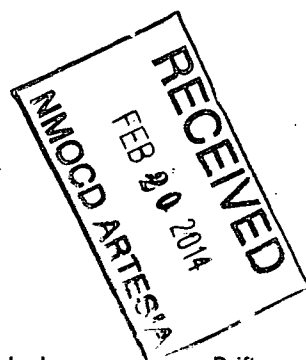
Vaughn Energy Services

West, Texas

432-563-5444

Surveyor: Chris Bankson

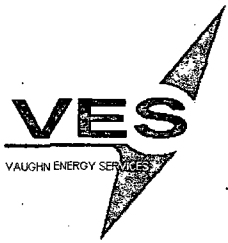
Onyx PWU 29 No. 008H / API 30-015-40515



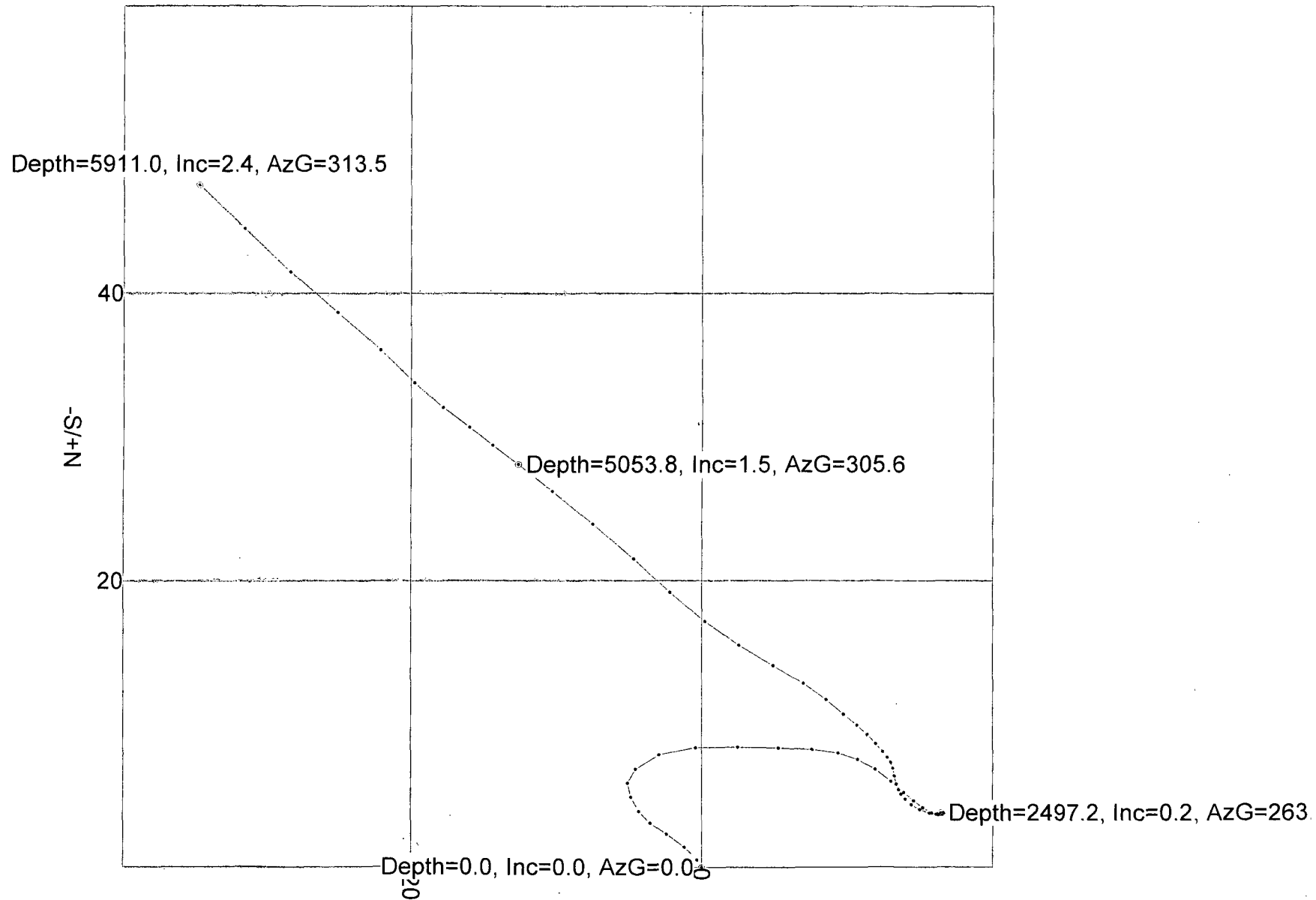
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
129.91	0.55	327.96	129.91	0.53	-0.33	0.53	0.62	327.96	0.42
224.60	0.98	309.72	224.59	1.42	-1.19	1.42	1.86	320.13	0.52
319.29	0.89	302.16	319.27	2.33	-2.43	2.33	3.37	313.79	0.16
413.98	0.75	308.25	413.95	3.11	-3.54	3.11	4.71	311.26	0.17
508.67	0.61	327.98	508.63	3.92	-4.29	3.92	5.81	312.36	0.29
603.36	0.76	333.40	603.31	4.90	-4.84	4.90	6.89	315.36	0.18
698.05	0.52	8.00	698.00	5.89	-5.06	5.89	7.77	319.32	0.47
792.74	0.87	40.90	792.68	6.86	-4.53	6.86	8.23	326.56	0.55
887.43	1.47	68.26	887.35	7.86	-2.94	7.86	8.39	339.51	0.84
982.12	1.68	88.12	982.01	8.35	-0.42	8.35	8.36	357.12	0.62
1076.81	1.86	90.04	1076.65	8.40	2.51	8.40	8.76	16.61	0.19
1171.50	1.52	92.25	1171.30	8.34	5.29	8.34	9.88	32.38	0.37
1266.19	1.28	93.33	1265.96	8.23	7.60	8.23	11.20	42.69	0.26
1360.88	0.90	103.87	1360.64	8.00	9.37	8.00	12.32	49.53	0.45
1455.57	0.85	113.22	1455.31	7.54	10.74	7.54	13.12	54.92	0.16
1550.26	0.83	127.78	1549.99	6.84	11.92	6.84	13.75	60.15	0.23
1644.95	0.82	128.26	1644.67	6.00	13.00	6.00	14.32	65.23	0.01
1739.64	0.62	131.79	1739.36	5.24	13.92	5.24	14.87	69.37	0.22

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
1834.33	0.45	129.60	1834.04	4.66	14.58	4.66	15.31	72.27	0.18
1929.02	0.51	125.57	1928.73	4.18	15.21	4.18	15.78	74.63	0.08
2023.71	0.34	114.43	2023.42	3.82	15.81	3.82	16.27	76.43	0.20
2118.40	0.23	104.75	2118.11	3.65	16.26	3.65	16.66	77.34	0.13
2213.09	0.17	57.38	2212.79	3.68	16.56	3.68	16.96	77.48	0.18
2307.78	0.04	315.01	2307.48	3.77	16.65	3.77	17.07	77.23	0.19
2402.47	0.04	288.58	2402.17	3.81	16.60	3.81	17.03	77.08	0.02
2497.16	0.16	263.16	2496.86	3.80	16.43	3.80	16.87	76.97	0.14
2591.85	0.22	254.28	2591.55	3.74	16.13	3.74	16.55	76.95	0.06
2686.54	0.38	289.80	2686.24	3.79	15.66	3.79	16.11	76.38	0.25
2781.23	0.48	291.78	2780.93	4.05	15.00	4.05	15.54	74.90	0.11
2875.92	0.34	311.69	2875.62	4.38	14.43	4.38	15.07	73.12	0.21
2970.61	0.36	314.14	2970.31	4.77	14.01	4.77	14.80	71.20	0.03
3065.30	0.20	331.79	3065.00	5.12	13.72	5.12	14.64	69.53	0.18
3159.99	0.21	334.74	3159.68	5.43	13.56	5.43	14.61	68.19	0.01
3254.68	0.33	339.53	3254.37	5.84	13.39	5.84	14.61	66.44	0.13
3349.37	0.36	351.15	3349.06	6.39	13.25	6.39	14.71	64.25	0.08
3444.06	0.29	344.13	3443.75	6.92	13.14	6.92	14.85	62.23	0.09
3538.75	0.23	329.44	3538.44	7.31	12.98	7.31	14.90	60.60	0.09
3633.44	0.29	324.82	3633.13	7.67	12.74	7.67	14.87	58.95	0.06
3728.13	0.36	321.01	3727.82	8.10	12.42	8.10	14.83	56.90	0.08
3822.82	0.49	319.92	3822.50	8.63	11.98	8.63	14.76	54.21	0.14
3917.51	0.55	316.58	3917.19	9.27	11.40	9.27	14.70	50.89	0.08
4012.20	0.63	310.15	4011.88	9.94	10.69	9.94	14.60	47.11	0.10
4106.89	0.84	309.59	4106.56	10.71	9.76	10.71	14.49	42.34	0.23
4201.58	1.07	309.87	4201.23	11.72	8.55	11.72	14.51	36.10	0.24
4296.27	1.28	302.22	4295.90	12.85	6.98	12.85	14.62	28.50	0.28
4390.96	1.62	300.05	4390.56	14.09	4.92	14.09	14.92	19.26	0.36
4485.65	1.69	301.64	4485.21	15.49	2.57	15.49	15.70	9.42	0.09
4580.34	1.83	308.05	4579.86	17.16	0.19	17.16	17.16	0.64	0.25
4675.03	1.95	312.88	4674.50	19.18	-2.18	19.18	19.31	353.52	0.21
4769.72	2.18	313.32	4769.13	21.51	-4.67	21.51	22.01	347.76	0.25
4864.41	2.29	308.45	4863.74	23.93	-7.46	23.93	25.07	342.68	0.23
4959.10	2.10	310.41	4958.36	26.23	-10.27	26.23	28.17	338.62	0.22
5053.79	1.54	305.65	5053.01	28.10	-12.62	28.10	30.81	335.81	0.62
5148.48	1.17	308.56	5147.67	29.44	-14.41	29.44	32.78	333.92	0.39
5243.17	1.29	306.60	5242.34	30.68	-16.03	30.68	34.62	332.42	0.14
5337.86	1.47	307.45	5337.00	32.06	-17.85	32.06	36.70	330.89	0.19
5432.55	1.66	315.57	5431.66	33.78	-19.78	33.78	39.15	329.65	0.31

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
5527.24	2.31	313.30	5526.29	36.07	-22.13	36.07	42.32	328.47	0.69
5621.93	2.47	309.70	5620.90	38.69	-25.10	38.69	46.12	327.03	0.23
5716.62	2.71	312.73	5715.49	41.51	-28.31	41.51	50.25	325.71	0.29
5811.31	2.63	313.29	5810.08	44.52	-31.54	44.52	54.56	324.69	0.10
5911.00	2.43	313.51	5909.67	47.55	-34.74	47.55	58.88	323.85	0.20



Vaughn Energy Services
West, Texas
432-563-5444
Surveyor: Chris Bankson
Onyx PWU 29 No. 008H / API 30-015-40515



VES Survey Date: 10/13/2013