

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL

RECEIVED

NOV 09 2012

NMOCD ARTESIA*30-015-39386*

Well Name and Num: Onyx PWU 29 1H
Location: Sec. 29, T19S, R29E
Operator: Devon
Drilling Contractor: McVay Drilling Company

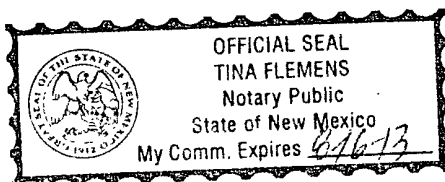
The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
1.00	315	2.10	7360	89.50	9126
0.50	541	9.26	7380	89.20	9288
0.40	787	14.39	7443	88.78	9671
0.30	911	16.62	7474	89.69	9862
0.80	1426	19.12	7508	91.22	10246
0.40	1913	21.95	7520	90.24	10629
0.20	2195	24.12	7634	91.15	10723
0.10	2470	28.16	7696	88.50	10914
0.20	2970	37.41	7759	89.80	11293
0.66	3397	50.06	7823	90.90	11578
0.37	3904	64.40	7950	90.60	11958
1.26	4404	70.10	7982	90.60	12053
0.99	4898	76.10	8014	90.30	12148
0.86	5392	85.60	8107	89.60	12284
2.00	5872	92.90	8330		
2.20	6377	93.70	8522		
2.20	6875	89.30	8936		

By: *Hedley Crum*

Subscribed and sworn to before me this *9th* day of *April*, 2012

Tina Flemens
Notary Public, Lea County, New Mexico





Weatherford®

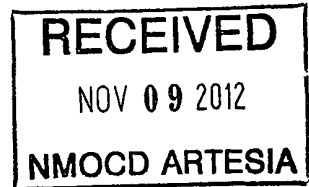
Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Devon Energy
20 North Broadway
Oklahoma City, OK, 73102

Date: April 9, 2012

Attention: Kurtis Schmitz

Re: Devon Energy
Well: Onyx PWU 29-1H
Eddy County, New Mexico



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>
Alex Ramirez MWD Supervisor	1H	7380' MD 12284' MD	3/23/2012 4/5/2012	Measurement While Drilling

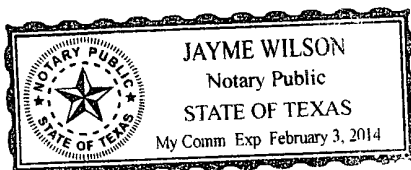
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesse Aguilar
Area Manager

On this, the 29th day of October, 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



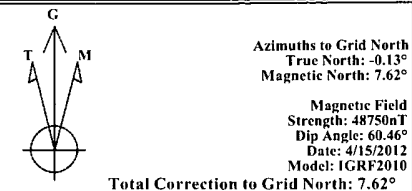
devon
Onyx PWU 29 #1H
Eddy Co, NM

KB ELEV: 3339
GL ELEV: 3321

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7666.00	26.13	280.76	7647.66	107.41	-25.48	0.00	0.00	32.54	
2	8108.42	90.00	272.29	7870.00	137.67	-380.09	14.51	350.58	388.38	
3	11350.11	90.00	272.29	7870.00	267.20	-3619.20	0.00	0.00	3628.95	
4	11369.05	90.57	272.31	7869.91	267.96	-3638.12	3.00	1.98	3647.88	
5	12369.05	90.57	272.31	7860.00	308.26	-4637.26	0.00	0.00	4647.49	PBHL Lat

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Onyx PWU 29-1H	0.00	0.00	595611.83	616406.16	32°38'13.724N	104°05'22.092W	N/A

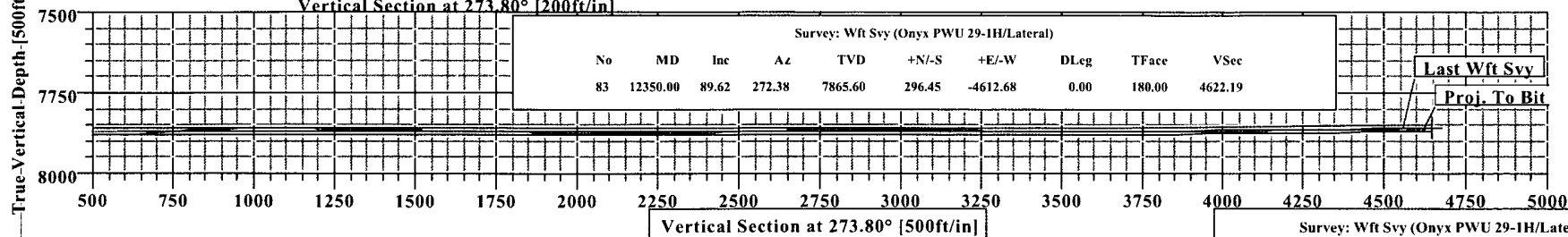
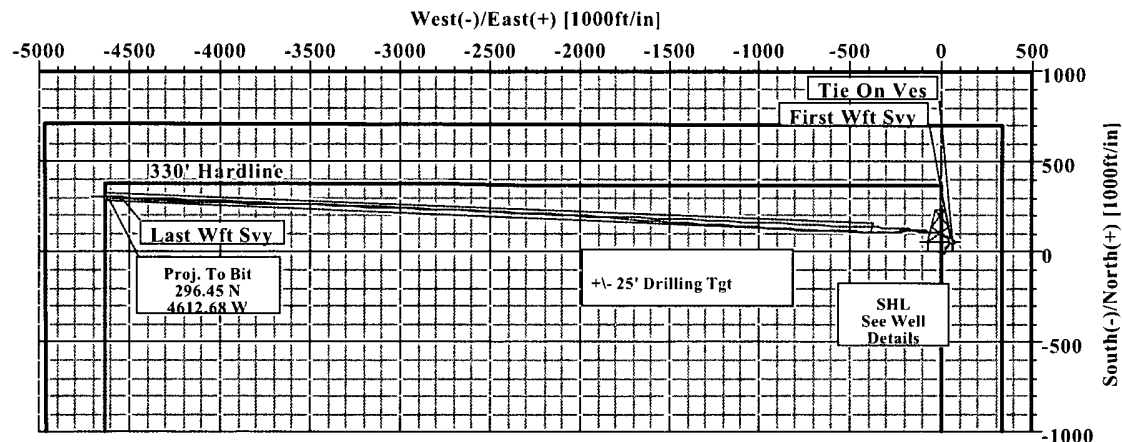
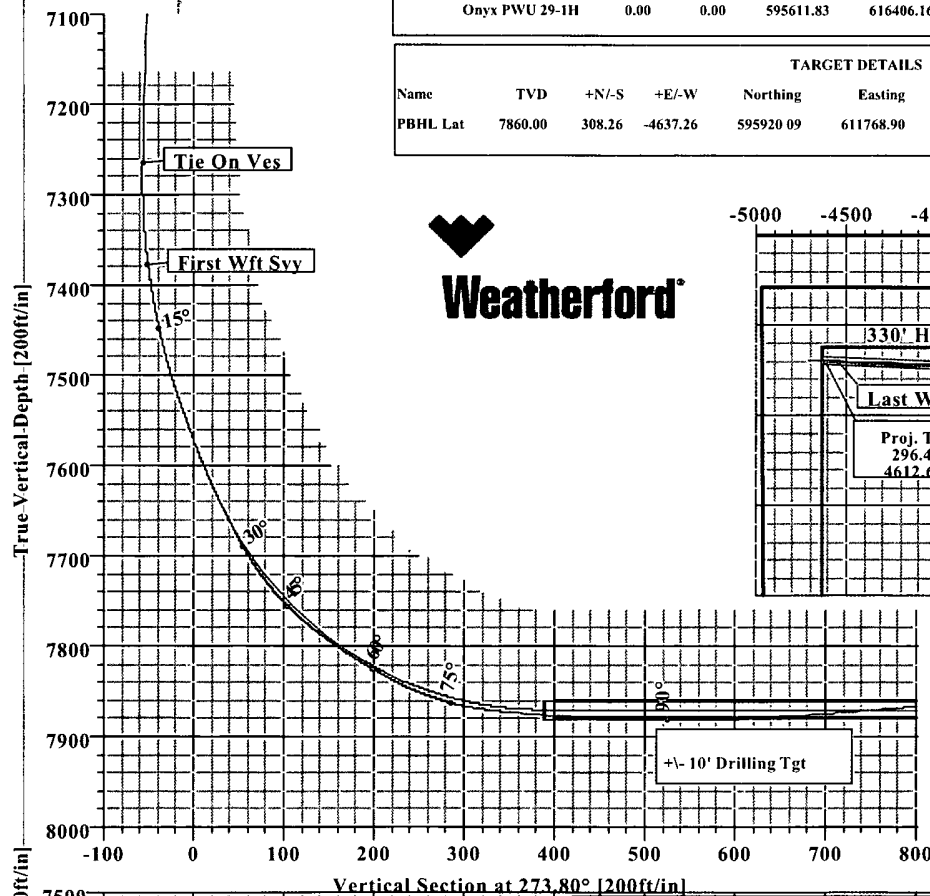
TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL Lat	7860.00	308.26	-4637.26	595920.09	611768.90	32°38'16.877N	104°06'16.316W



FIELD DETAILS
Eddy Co., NM (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



SITE DETAILS
Onyx PWU 29-1H

Site Centre Northing: 595611.83
Easting: 616406.16

Ground Level: 3321.00
Positional Uncertainty: 0.00
Convergence: 0.13

LEGEND

- Onyx PWU 29-1H, Lateral, Plan #5
- Onyx PWU 29-1H (Pilot)
- Lateral
- Wft Svy

Survey: Wft Svy (Onyx PWU 29-1H/Lateral)
Created By: Russell W. Joyner
Date: 4/5/2012



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy Date: 4/5/2012 Time: 06:44.16 Page: 1
Field: Eddy Co, NM (NAD 83) Co-ordinate(NE) Reference: Well: Onyx PWU 29-1H, Grid North
Site: Onyx PWU 29-1H Vertical (TVD) Reference: SITE 3339 0
Well: Onyx PWU 29-1H Section (VS) Reference: Well (0.00N,0.00E,273.80Azi)
Wellpath: Lateral Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: Wft Svy Start Date: 3/26/2012
Company: Weatherford International Ltd Engineer: Russell W. Joyner
Tool: MWD,MWD - Standard Tied-to: User Defined

Field: Eddy Co, NM (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: Onyx PWU 29-1H

Site Position: Northing: 595611.83 ft Latitude: 32 38 13.724 N
From: Map Easting: 616406.16 ft Longitude: 104 5 22.092 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3321.00 ft Grid Convergence: 0 13 deg

Well: Onyx PWU 29-1H Slot Name:
Well Position: +N/-S 0.00 ft Northing: 595611.83 ft Latitude: 32 38 13.724 N
+E/-W 0.00 ft Easting: 616406.16 ft Longitude: 104 5 22.092 W
Position Uncertainty: 0.00 ft

Wellpath: Lateral Drilled From: Pilot
Current Datum: SITE Height 3339.00 ft Tie-on Depth: 7666.00 ft
Magnetic Data: 4/15/2012 Above System Datum: Mean Sea Level
Field Strength: 48750 nT Declination: 7.75 deg
Vertical Section: Depth From (TVD) +N/-S Mag Dip Angle: 60.46 deg
ft ft +E/-W Direction
deg
0.00 0.00 0.00 273.80

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
7266.00	1.78	67.93	7264.30	61.23	61.40	0.00	-57.21	595673.06	616467.56	Tie On Ves First Wft Svy
7380.00	9.26	308.87	7377.83	67.67	55.89	8.98	-51.28	595679.50	616462.05	
7413.00	11.82	308.71	7410.27	71.45	51.18	7.76	-46.33	595683.28	616457.34	
7443.00	14.39	311.00	7439.48	75.82	45.97	8.74	-40.84	595687.65	616452.13	
7474.00	16.52	306.78	7469.36	80.98	39.53	7.77	-34.08	595692.81	616445.69	
7508.00	19.12	301.99	7501.73	86.83	30.94	8.77	-25.11	595698.66	616437.10	
7539.00	20.87	296.67	7530.86	92.00	21.69	8.14	-15.55	595703.83	616427.85	
7570.00	21.95	292.36	7559.73	96.68	11.40	6.15	-4.97	595708.51	616417.56	
7602.00	22.76	288.22	7589.32	100.89	-0.01	5.53	6.70	595712.72	616406.15	
7634.00	24.12	284.48	7618.68	104.46	-12.22	6.30	19.12	595716.29	616393.94	
7666.00	26.13	280.76	7647.66	107.41	-25.48	7.99	32.54	595719.24	616380.68	
7696.00	28.16	277.16	7674.35	109.53	-38.99	8.70	46.17	595721.36	616367.17	
7727.00	31.43	273.43	7701.25	110.93	-54.33	12.12	61.56	595722.76	616351.83	
7759.00	37.41	273.47	7727.64	112.01	-72.37	18.69	79.64	595723.84	616333.79	
7791.00	43.96	272.66	7751.89	113.12	-93.19	20.53	100.49	595724.95	616312.97	
7823.00	50.06	272.14	7773.70	114.09	-116.57	19.10	123.87	595725.92	616289.59	
7855.00	54.42	270.96	7793.29	114.77	-141.85	13.93	149.15	595726.60	616264.31	
7887.00	57.45	270.10	7811.21	115.01	-168.36	9.73	175.61	595726.84	616237.80	
7918.00	60.39	269.54	7827.21	114.93	-194.90	9.61	202.09	595726.76	616211.26	
7950.00	64.42	269.05	7842.03	114.58	-223.25	12.67	230.36	595726.41	616182.91	
7982.00	70.12	269.21	7854.39	114.13	-252.75	17.82	259.76	595725.96	616153.41	
8014.00	76.05	269.54	7863.70	113.80	-283.35	18.56	290.27	595725.63	616122.81	
8043.00	81.89	269.61	7869.25	113.58	-311.80	20.14	318.65	595725.41	616094.36	
8075.00	85.34	270.09	7872.80	113.50	-343.60	10.88	350.37	595725.33	616062.56	



Weatherford International Ltd.

WFT Survey Report X & Y's

**Weatherford**

Company: Devon Energy
Field: Eddy Co., NM (NAD 83)
Site: Onyx PWU 29-1H
Well: Onyx PWU 29-1H
Wellpath: Lateral

Date: 4/5/2012 Time: 06:44.16 Page: 2
Co-ordinate(NE) Reference: Well: Onyx PWU 29-1H, Grid North
Vertical (TVD) Reference: SITE 3339 0
Section (VS) Reference: Well (0.00N,0.00E,273.80Azi)
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
8107.00	85.55	270.31	7875.35	113.61	-375.50	0.95	382.20	595725.44	616030.66	
8139.00	85.70	270.54	7877.79	113.85	-407.41	0.86	414.06	595725.68	615998.75	
8171.00	86.47	270.77	7879.97	114.21	-439.33	2.51	445.93	595726.04	615966.83	
8203.00	88.43	270.92	7881.40	114.69	-471.29	6.14	477.86	595726.52	615934.87	
8234.00	89.41	271.00	7881.98	115.21	-502.28	3.17	508.81	595727.04	615903.88	
8266.00	90.52	270.84	7882.00	115.72	-534.28	3.50	540.77	595727.55	615871.88	
8298.00	91.36	270.68	7881.47	116.14	-566.27	2.67	572.72	595727.97	615839.89	
8330.00	92.91	271.06	7880.28	116.63	-598.24	4.99	604.66	595728.46	615807.92	
8362.00	93.32	271.50	7878.54	117.34	-630.19	1.88	636.58	595729.17	615775.97	
8394.00	93.61	271.82	7876.61	118.27	-662.12	1.35	668.50	595730.10	615744.04	
8426.00	93.89	271.98	7874.52	119.33	-694.03	1.01	700.41	595731.16	615712.13	
8458.00	94.65	272.02	7872.13	120.44	-725.92	2.38	732.31	595732.27	615680.24	
8490.00	94.94	272.34	7869.46	121.65	-757.79	1.35	764.18	595733.48	615648.37	
8522.00	93.74	273.05	7867.04	123.15	-789.66	4.35	796.08	595734.98	615616.50	
8554.00	92.49	273.82	7865.30	125.07	-821.55	4.59	828.03	595736.90	615584.61	
8586.00	91.85	273.87	7864.09	127.21	-853.46	2.01	860.01	595739.04	615552.70	
8617.00	91.08	273.82	7863.29	129.29	-884.38	2.49	891.00	595741.12	615521.78	
8649.00	91.23	273.74	7862.65	131.40	-916.30	0.53	922.99	595743.23	615489.86	
8681.00	91.43	273.60	7861.91	133.45	-948.23	0.76	954.99	595745.28	615457.93	
8745.00	89.55	273.25	7861.36	137.27	-1012.11	2.99	1018.98	595749.10	615394.05	
8841.00	90.10	273.41	7861.65	142.85	-1107.94	0.60	1114.98	595754.68	615298.22	
8936.00	89.26	273.41	7862.18	148.50	-1202.77	0.88	1209.97	595760.33	615203.39	
9032.00	88.57	273.33	7864.00	154.14	-1298.59	0.72	1305.95	595765.97	615107.57	
9128.00	89.55	273.25	7865.58	159.65	-1394.42	1.02	1401.93	595771.48	615011.74	
9224.00	88.91	273.45	7866.87	165.26	-1490.24	0.70	1497.92	595777.09	614915.92	
9288.00	89.20	273.61	7867.92	169.20	-1554.11	0.52	1561.91	595781.03	614852.05	
9383.00	89.83	274.07	7868.73	175.56	-1648.90	0.82	1656.91	595787.39	614757.26	
9479.00	88.70	273.91	7869.96	182.24	-1744.65	1.19	1752.90	595794.07	614661.51	
9575.00	88.64	274.12	7872.19	188.96	-1840.39	0.23	1848.87	595800.79	614565.77	
9671.00	88.78	273.54	7874.35	195.37	-1936.15	0.62	1944.85	595807.20	614470.01	
9767.00	88.92	273.79	7876.27	201.51	-2031.94	0.30	2040.83	595813.34	614374.22	
9862.00	89.69	272.02	7877.43	206.32	-2126.80	2.03	2135.80	595818.15	614279.36	
9958.00	90.94	272.91	7876.90	210.45	-2222.71	1.60	2231.77	595822.28	614183.45	
10054.00	91.50	273.40	7874.85	215.73	-2318.54	0.78	2327.74	595827.56	614087.62	
10150.00	91.01	272.70	7872.75	220.84	-2414.38	0.89	2423.71	595832.67	613991.78	
10246.00	91.22	272.74	7870.88	225.39	-2510.26	0.22	2519.68	595837.22	613895.90	
10342.00	91.99	272.60	7868.19	229.86	-2606.11	0.82	2615.62	595841.69	613800.05	
10437.00	90.18	272.69	7866.40	234.24	-2700.99	1.91	2710.58	595846.07	613705.17	
10533.00	90.31	272.77	7865.98	238.82	-2796.88	0.16	2806.56	595850.65	613609.28	
10629.00	90.94	272.90	7864.94	243.56	-2892.76	0.67	2902.54	595855.39	613513.40	
10723.00	91.15	273.12	7863.22	248.50	-2986.61	0.32	2996.52	595860.33	613419.55	
10819.00	88.64	271.79	7863.40	252.61	-3082.52	2.96	3092.48	595864.44	613323.64	
10914.00	88.50	271.88	7865.77	255.65	-3177.44	0.18	3187.39	595867.48	613228.72	
11009.00	88.15	271.82	7868.55	258.72	-3272.35	0.37	3282.30	595870.55	613133.81	
11104.00	88.78	271.40	7871.09	261.39	-3367.27	0.80	3377.19	595873.22	613038.89	
11199.00	90.04	270.95	7872.07	263.33	-3462.25	1.41	3472.09	595875.16	612943.91	
11293.00	89.76	270.81	7872.23	264.78	-3556.24	0.33	3565.97	595876.61	612849.92	
11388.00	90.24	270.85	7872.23	266.15	-3651.23	0.51	3660.84	595877.98	612754.93	
11483.00	91.09	271.33	7871.13	267.96	-3746.20	1.03	3755.72	595879.79	612659.96	
11578.00	90.88	271.62	7869.50	270.41	-3841.16	0.38	3850.63	595882.24	612565.00	
11673.00	90.31	271.28	7868.51	272.81	-3936.12	0.70	3945.55	595884.64	612470.04	
11768.00	90.52	271.84	7867.82	275.40	-4031.08	0.63	4040.47	595887.23	612375.08	



Weatherford International Ltd.

WFT Survey Report X & Y's



Weatherford

Company:	Devon Energy	Date:	4/5/2012	Time:	06:44 16	Page:	3
Field:	Eddy Co , NM (NAD 83)	Co-ordinate(NE) Reference:	Well: Onyx PWU 29-1H, Grid North				
Site:	Onyx PWU 29-1H	Vertical (TVD) Reference:	SITE 3339 0				
Well:	Onyx PWU 29-1H	Section (VS) Reference:	Well (0.00N,0.00E,273.80Azi)				
Wellpath:	Lateral	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
11863.00	90 17	271.71	7867.25	278.34	-4126.03	0.39	4135.41	595890.17	612280.13	
11958.00	90 58	271.80	7866.63	281.25	-4220.99	0.44	4230.35	595893.08	612185.17	
12053.00	90 59	272.13	7865.66	284.51	-4315.93	0.35	4325.29	595896.34	612090.23	
12148.00	90 31	272.30	7864.91	288.18	-4410.85	0.34	4420.25	595900.01	611995.31	
12243.00	89.69	272.34	7864.91	292.02	-4505.77	0.65	4515.22	595903.85	611900.39	
12284.00	89 62	272 38	7865 16	293.71	-4546.74	0 20	4556 21	595905.54	611859.42	Last Wft Svy
12350.00	89 62	272 38	7865 60	296.45	-4612.68	0 00	4622 19	595908.28	611793.48	Proj. To Bit

Annotation

MD ft	TVD ft	
7266.00	7264.30	Tie On Ves
7380.00	7377.83	First Wft Svy
12284.00	7865.16	Last Wft Svy
12350.00	7865.60	Proj. To Bit

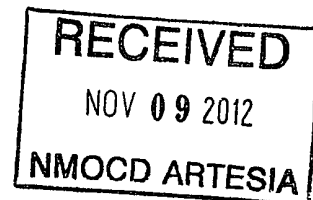


A GYRO TECHNOLOGIES INC. COMPANY

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

April 3, 2012

Devon Energy Production Co., L. P.
20 North Broadway
Oklahoma City, OK 73102-8260



Attn: Mark Cooper

Re: **Onyx PWU 29 No. 001H**

Please find enclosed a copy of the survey from 0' to 7266' 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.

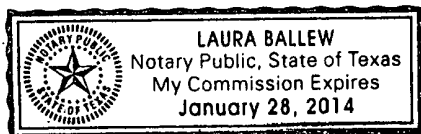
Sincerely,

Keith Havelka
Operations

STATE OF TEXAS §
 §
COUNTY OF NUECES §

This instrument was acknowledged before me on the 9th day of April,
A.D., 2012, by Keith Havelka.

Laura Ballew
Notary Public, State of Texas





Company: Devon Energy Production Co.
 Lease/Well: Onyx PWU 29 No./001H
 Location: S21 T19S R29E
 Rig Name: McVay 6
 State/County: New Mexico/Eddy
 Latitude: 32.64, Longitude: -104.09
 GRID North is 0.13 Degrees East of True North
 VS-Azi: 0.00 Degrees



RKB : 19 feet

DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: onyxgyro_ed_int.ut

Minimum Curvature Method

Report Date/Time: 4/3/2012 / 09:22

Vaughn Energy Services

Gardendale, Texas

432-563-5444

Surveyor: Ray Seago

Onyx PWU 29 No. 001H / API# 30-015-39386

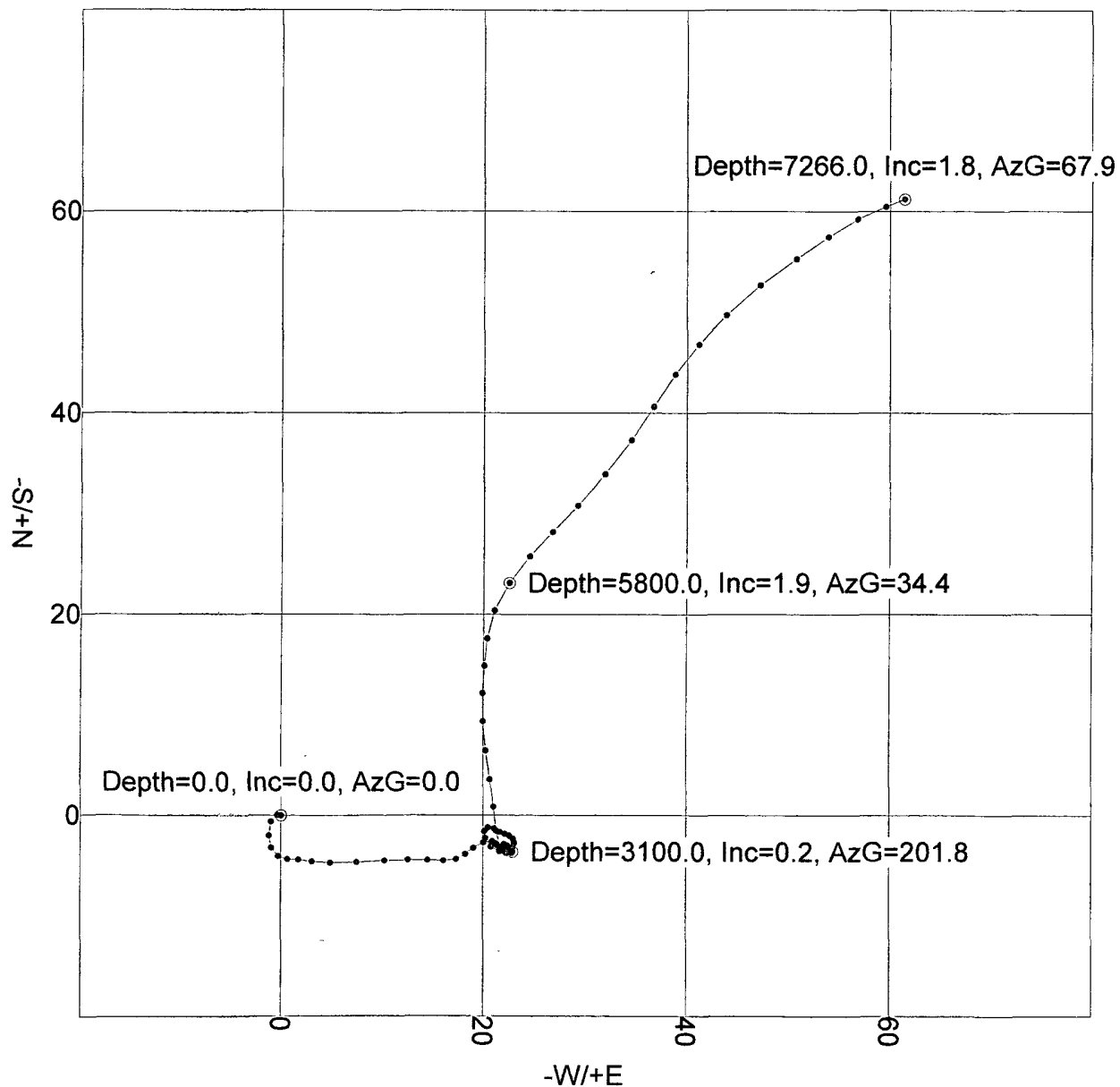
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.43	278.70	100.00	0.06	-0.37	0.06	0.38	278.70	0.43
200.00	0.86	197.40	199.99	-0.60	-0.97	-0.60	1.14	238.05	0.90
300.00	0.77	178.02	299.98	-1.99	-1.17	-1.99	2.31	210.42	0.29
400.00	0.68	158.64	399.98	-3.21	-0.93	-3.21	3.35	196.17	0.26
500.00	0.62	124.36	499.97	-4.07	-0.27	-4.07	4.08	183.83	0.39
600.00	0.56	90.08	599.97	-4.37	0.66	-4.37	4.42	171.43	0.35
700.00	0.70	94.40	699.96	-4.42	1.75	-4.42	4.75	158.35	0.15
800.00	0.84	98.71	799.95	-4.58	3.09	-4.58	5.52	146.00	0.15
900.00	1.27	92.33	899.93	-4.73	4.92	-4.73	6.83	133.90	0.45
1000.00	1.70	85.94	999.90	-4.67	7.51	-4.67	8.84	121.90	0.46
1100.00	1.47	87.80	1099.86	-4.52	10.26	-4.52	11.22	113.76	0.24
1200.00	1.23	89.65	1199.83	-4.46	12.62	-4.46	13.39	109.48	0.24
1300.00	1.01	91.56	1299.81	-4.48	14.58	-4.48	15.25	107.08	0.22
1400.00	0.79	93.46	1399.80	-4.55	16.15	-4.55	16.78	105.72	0.22
1500.00	0.66	70.62	1499.79	-4.40	17.39	-4.40	17.94	104.19	0.31
1600.00	0.53	47.78	1599.79	-3.89	18.28	-3.89	18.69	102.02	0.27
1700.00	0.61	55.84	1699.78	-3.28	19.07	-3.28	19.35	99.76	0.11
1800.00	0.69	63.89	1799.78	-2.71	20.05	-2.71	20.23	97.71	0.12

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	0.39	114.81	1899.77	-2.59	20.89	-2.59	21.05	97.07	0.54
2000.00	0.08	165.73	1999.77	-2.80	21.21	-2.80	21.40	97.52	0.34
2100.00	0.16	141.19	2099.77	-2.98	21.32	-2.98	21.53	97.96	0.09
2200.00	0.24	116.64	2199.77	-3.19	21.60	-3.19	21.83	98.39	0.12
2300.00	0.24	73.85	2299.77	-3.22	21.99	-3.22	22.22	98.34	0.17
2400.00	0.23	31.06	2399.77	-3.00	22.29	-3.00	22.49	97.66	0.17
2500.00	0.23	186.56	2499.77	-3.03	22.37	-3.03	22.57	97.71	0.45
2600.00	0.24	342.06	2599.77	-3.03	22.28	-3.03	22.49	97.75	0.46
2700.00	0.23	252.82	2699.77	-2.89	22.03	-2.89	22.22	97.49	0.32
2800.00	0.22	163.59	2799.77	-3.13	21.89	-3.13	22.12	98.14	0.31
2900.00	0.28	122.44	2899.77	-3.44	22.15	-3.44	22.42	98.84	0.18
3000.00	0.34	81.29	2999.77	-3.53	22.66	-3.53	22.93	98.85	0.23
3100.00	0.21	201.84	3099.77	-3.65	22.89	-3.65	23.18	99.07	0.48
3200.00	0.07	322.38	3199.76	-3.77	22.78	-3.77	23.09	99.40	0.25
3300.00	0.18	0.22	3299.76	-3.56	22.75	-3.56	23.02	98.91	0.13
3400.00	0.30	38.05	3399.76	-3.20	22.91	-3.20	23.13	97.96	0.19
3500.00	0.28	0.08	3499.76	-2.76	23.06	-2.76	23.23	96.82	0.19
3600.00	0.26	322.10	3599.76	-2.34	22.93	-2.34	23.05	95.82	0.18
3700.00	0.27	302.38	3699.76	-2.03	22.59	-2.03	22.68	95.14	0.09
3800.00	0.28	282.65	3799.76	-1.86	22.16	-1.86	22.24	94.79	0.09
3900.00	0.35	294.77	3899.76	-1.67	21.64	-1.67	21.71	94.42	0.10
4000.00	0.43	306.89	3999.76	-1.32	21.06	-1.32	21.10	93.58	0.11
4100.00	0.37	247.20	4099.75	-1.22	20.47	-1.22	20.50	93.41	0.40
4200.00	0.30	187.50	4199.75	-1.61	20.14	-1.61	20.20	94.56	0.34
4300.00	0.50	162.79	4299.75	-2.28	20.23	-2.28	20.36	96.44	0.25
4400.00	0.69	138.09	4399.74	-3.14	20.76	-3.14	21.00	98.61	0.32
4500.00	0.50	90.93	4499.74	-3.60	21.60	-3.60	21.89	99.45	0.51
4600.00	0.31	43.77	4599.74	-3.41	22.22	-3.41	22.48	98.72	0.37
4700.00	0.66	196.68	4699.74	-3.77	22.24	-3.77	22.56	99.61	0.95
4800.00	1.02	339.58	4799.73	-3.49	21.77	-3.49	22.05	99.11	1.60
4900.00	1.27	351.66	4899.71	-1.56	21.30	-1.56	21.35	94.19	0.35
5000.00	1.53	353.73	4999.68	0.86	20.99	0.86	21.01	87.65	0.26
5100.00	1.62	352.64	5099.64	3.59	20.66	3.59	20.97	80.14	0.10
5200.00	1.72	351.56	5199.60	6.47	20.26	6.47	21.27	72.28	0.10
5300.00	1.64	356.87	5299.56	9.38	19.97	9.38	22.06	64.83	0.17
5400.00	1.57	2.18	5399.52	12.18	19.94	12.18	23.36	58.58	0.17
5500.00	1.56	4.53	5499.48	14.91	20.10	14.91	25.02	53.44	0.06
5600.00	1.56	6.88	5599.44	17.62	20.37	17.62	26.93	49.14	0.06
5700.00	1.72	20.63	5699.40	20.38	21.06	20.38	29.31	45.95	0.42

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
5800.00	1.88	34.37	5799.35	23.13	22.52	23.13	32.28	44.22	0.46
5900.00	1.90	39.86	5899.30	25.76	24.50	25.76	35.55	43.57	0.18
6000.00	1.92	45.35	5999.25	28.20	26.75	28.20	38.88	43.49	0.18
6100.00	2.22	42.42	6099.18	30.81	29.25	30.81	42.48	43.51	0.32
6200.00	2.52	39.49	6199.09	33.93	31.95	33.93	46.61	43.28	0.32
6300.00	2.36	35.16	6299.00	37.31	34.53	37.31	50.84	42.79	0.24
6400.00	2.20	30.83	6398.93	40.64	36.70	40.64	54.76	42.09	0.24
6500.00	2.19	35.91	6498.85	43.83	38.80	43.83	58.53	41.52	0.19
6600.00	2.18	40.99	6598.78	46.81	41.17	46.81	62.34	41.33	0.19
6700.00	2.43	45.41	6698.70	49.73	43.92	49.73	66.35	41.45	0.30
6800.00	2.67	50.84	6798.60	52.69	47.24	52.69	70.77	41.88	0.34
6900.00	2.36	56.61	6898.50	55.30	50.77	55.30	75.07	42.56	0.40
7000.00	2.05	54.38	6998.43	57.47	53.94	57.47	78.82	43.18	0.32
7100.00	1.84	63.52	7098.37	59.23	56.83	59.23	82.08	43.82	0.37
7200.00	1.63	67.67	7198.33	60.48	59.58	60.48	84.90	44.57	0.24
7266.00	1.78	67.93	7264.30	61.23	61.40	61.23	86.71	45.08	0.23



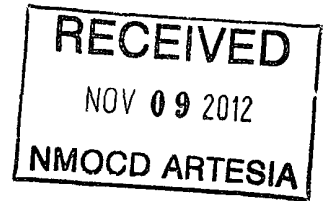
Vaughn Energy Services
Gardendale, Texas
432-563-5444
Surveyor: Ray Seago
Onyx PWU 29 No. 001H / API# 30-015-39386



VES Survey Date: 03/23/2012

**McVAY DRILLING COMPANY**

P.O. Box 2450
Hobbs, New Mexico 88241
(575) 397-3311
FAX: 39-DRILL



Well Name and Num: Onyx PWU 29 1H
Location: Sec. 29, T19S, R29E
Operator: Devon
Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>	<u>Degrees @</u>	<u>Depth</u>
1.00	315	2.10	7360	89.50	9126
0.50	541	9.26	7380	89.20	9288
0.40	787	14.39	7443	88.78	9671
0.30	911	16.62	7474	89.69	9862
0.80	1426	19.12	7508	91.22	10246
0.40	1913	21.95	7520	90.24	10629
0.20	2195	24.12	7634	91.15	10723
0.10	2470	28.16	7696	88.50	10914
0.20	2970	37.41	7759	89.80	11293
0.66	3397	50.06	7823	90.90	11578
0.37	3904	64.40	7950	90.60	11958
1.26	4404	70.10	7982	90.60	12053
0.99	4898	76.10	8014	90.30	12148
0.86	5392	85.60	8107	89.60	12284
2.00	5872	92.90	8330		
2.20	6377	93.70	8522		
2.20	6875	89.30	8936		

By: Hedley Crumb

Subscribed and sworn to before me this 9th day of April, 2012

Tina FLEMENS
Notary Public, Lea County, New Mexico

