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WR-35  
Rev (9-11)

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

Date: 11/4/2013  
API: 47-051-01367

Farm Name: Riggle, Patrick Shane \_\_\_\_\_ Operator Well No: SHL-3G-HS  
LOCATION: Sand Hill Elevation: 1,298.18' Quadrangle: Majorsville

District: SAND HILL County: MARSHALL  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec. 39.97104200  
Longitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec. -80.55700600

Company: CNX Gas Company LLC	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
Address: 200 Evergreene Drive Waynesburg, PA 15370	20	40	40	Grouted In
Agent: Ryan Morgan	13 3/8	1025	1025	Cement back to surface 587 sxs (155 bbls)
Inspector: Bill Hendershot	9 5/8	3129	3129	Cement back to surface 944 sxs (236 bbls)
Date Permit Issued: 11/1/2010	5 1/2	11972	11972	2000 sxs (402 bbls) Clas A
Date Well Work Commenced: 6/10/2011				
Date Well Work Completed: 7/17/2012				
Verbal Plugging:				
Date Permission granted on: 6/10/2011				
Rotary Cable Rig X				
Total Vertical Depth (ft): Original Hole - 6602.73'				
Total Measured Depth (ft): 11,988'				
Fresh Water Depth (ft): N/A				
Salt Water Depth (ft): N/A				
Is coal being mined in the area (N/Y)? Y				
Coal Depths (ft.): 660' - 665'				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (if more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 6625'

Gas: Initial open flow 5030 MCF/d Oil: Initial open flow 60 Bbl/d  
Final open flow 5096 MCF/d Final open flow 62 Bbl/d  
Time of open flow between initial and final tests 24 Hours  
Static rock Pressure 1450 psig (surface pressure) after 24 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

Chadley 11/27/14  
Signature Date

RECEIVED  
NOV 15 2013  
OFFICE OF OIL AND GAS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE OF WEST VIRGINIA

Laura L. Delkins, Noble Energy Inc. 1/21/14  
04/04/2014

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Were core samples taken? Yes\_\_ No\_x\_\_      Were cuttings caught during drilling? Yes\_x\_ No\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list: MWD Gamma Ray \_\_\_\_\_

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing or Stimulating: Please See Attached

Plug Back Details Including Plug Type and Depth(s): Please See Attached

Surface: \_\_\_\_\_

Formations Encountered:      Please See Attached

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Stage #	Plug Type	Plug Depth
1	No Plug	No Plug
2	Composite Frac Plug	11,610
3	Composite Frac Plug	11,316
4	Composite Frac Plug	11,016
5	Composite Frac Plug	10,716
6	Composite Frac Plug	10,416
7	Composite Frac Plug	10,116
8	Composite Frac Plug	9,816
9	Composite Frac Plug	9,516
10	Composite Frac Plug	9,216
11	Composite Frac Plug	8,924
12	Composite Frac Plug	8,612
13	Composite Frac Plug	8,316
14	Composite Frac Plug	8,116
15	Composite Frac Plug	7,920
16	Composite Frac Plug	7,666
17	Composite Frac Plug	7,366

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Stimulation Summary

Date	Stage #	Formation	Frac Type	Top Perf	Bottom Perf	# of Perfs	BD Press (psi)	ATP (psi)	Avg Rate (bpm)	ISIP (psi)	Frac Gradient	Sand (lbs)	Acid (gals)	Water (gals)
6/28/2012	1	Marcellus	Slickwater	11,633	11,860	40	7,256	7,343	72.0	3,852	1.02	196,572	2,000	232,932
6/29/2012	2	Marcellus	Slickwater	11,341	11,593	40	3,535	7,707	71.0	3,854	1.02	202,471	2,000	237,258
6/29/2012	3	Marcellus	Slickwater	11,041	11,293	40	5,418	7,618	68.0	3,881	1.02	166,606	2,000	229,740
6/29/2012	4	Marcellus	Slickwater	10,741	10,993	40	5,654	7,446	72.4	4,005	1.04	294,876	2,000	286,902
6/30/2012	5	Marcellus	Slickwater	10,441	10,693	40	N/A	N/A	N/A	N/A	N/A	4,288	2,000	116,970
6/30/2012	6	Marcellus	Slickwater	10,141	10,393	40	5,737	7,559	76.0	4,161	1.06	353,065	6,000	344,274
7/2/2012	7	Marcellus	Slickwater	9,841	10,093	40	5,464	7,861	84.0	4,115	1.05	353,788	2,000	321,468
7/2/2012	8	Marcellus	Slickwater	9,541	9,793	40	5,846	7,688	76.6	4,058	1.05	351,821	2,000	326,214
7/2/2012	9	Marcellus	Slickwater	9,241	9,493	40	6,035	7,555	79.0	4,280	1.08	350,746	2,000	332,808
7/3/2012	10	Marcellus	Slickwater	8,941	9,193	40	5,810	7,388	79.0	4,209	1.07	343,219	2,000	317,268
7/3/2012	11	Marcellus	Slickwater	8,641	8,893	40	5,424	6,846	48.1	4,006	1.04	315,608	3,000	621,726
7/3/2012	12	Marcellus	Slickwater	8,341	8,593	40	5,759	6,732	62.0	4,206	1.07	350,500	2,000	353,010
7/16/2012	13	Marcellus	Slickwater	8,139	8,293	40	5,795	6,662	55.0	4,061	1.05	355,237	2,000	318,108
7/16/2012	14	Marcellus	Slickwater	7,937	8,091	40	5,914	7,232	67.0	4,373	1.09	324,769	2,000	313,194
7/16/2012	15	Marcellus	Slickwater	7,687	7,889	40	5,757	7,718	87.0	4,307	1.08	354,057	2,000	322,812
7/17/2012	16	Marcellus	Slickwater	7,397	7,639	40	6,128	7,122	66.2	4,120	1.05	353,853	2,000	326,760
7/17/2012	17	Marcellus	Slickwater	7,168	7,349	45	7,115	6,950	89.0	3,862	1.02	352,373	2,000	320,670

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Formations	Top TVD	Base TVD	Top MD	Base MD	Fluid
Shale	0	660	0	660	
Pittsburgh Coal	660	665	660	665	
Shale and Sandstone	665	1222	665	1222	
Dunkard Sand	1222	1233	1222	1233	
Shale	1233	1404	1233	1404	
Gas Sand	1404	1443	1404	2398	
Shale	1443	1535	1443	2595	
1st Salt Sand	1535	1559	1535	2597	
Shale	1559	1568	1559	2650	
2nd Salt Sand	1568	1613	1568	2659	
Shale	1613	1696	1613	2701	
Maxton Sand	1696	1708	1696	2716	
Shale	1708	1751	1708	2752	
Big Lime	1751	1831	1751	2765	
Big Injun	1831	2025	1831	2861	
Price	2025	2383	2025	3302	
Murrysville	2383	2397	2384	3330	
Shale	2397	2594	2398	4338	
50' Sand	2594	2596	2595	2597	
Shale	2596	2649	2597	2650	
30' Sand	2649	2658	2650	2659	
Shale	2658	2700	2659	2701	
Gordon Stray	2700	2715	2701	2716	
Shale	2715	2751	2716	2752	
Gordon	2751	2764	2752	2765	
Shale	2764	2860	2765	2861	
Fifth Sand	2860	2894	2861	2895	
Shale	2894	3300	2895	3302	
Speechley Sand	3300	3328	3302	3330	
Shale	3328	4336	3330	4338	
Warren Sand	4336	4345	4338	4347	
Shale	4345	5003	4347	5005	
Java Shale	5003	5174	5005	5176	
Pipe Creek Shale	5174	5231	5176	5233	
Angola Shale	5231	5856	5233	5956	
Rhinestreet	5856	6272	5956	6588	
Cashaqua	6272	6363	6588	6724	
Middlesex	6363	6398	6724	6779	
West River	6398	6450	6779	6863	
Burkett	6450	6473	6863	6903	
Tully Limestone	6473	6503	6903	6963	
Hamilton	6503	6614	6963	7288	
Marcellus	6614	6664	7288	not encountered	Gas
Onondaga	6664	not encountered	not encountered	not encountered	

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# Noble Energy SHL-3G-HS Gyros+MWD 0ft to 11988ft MD Survey Report

(Def Survey)

Report Date: March 15, 2012 - 09:28 AM  
 Client: Noble Energy  
 Field: WV Marshall County (NAD 27)  
 Structure / Slot: CNX/Noble Energy SHL-3 Pad / Noble Energy SHL-3G-HS  
 Well: SHL-3G-HS  
 Borehole: Original Borehole  
 UWI / API#: Unknown / Unknown  
 Survey Name: Noble Energy SHL-3G-HS Gyros+MWD 0ft to 11988ft MD  
 Survey Date: November 07, 2011  
 Tool / AHD / DDI / ERD Ratio: 211.538 / 14113.218 ft / 8.373 / 0.029  
 Coordinate Reference System: NAD27 West Virginia State Plane, Northern Zone, US Feet  
 Location Lat / Long: N 39° 58' 15.755110", W 80° 33' 25.21610"  
 Location Grid N/E YX: N 537537.633 NUS, E 1703752.646 NUS  
 CRS Grid Convergence Angle: -0.67412889 °  
 Grid Scale Factor: 0.99995884

Survey / DLS Computation: Minimum Curvature / Lubinski  
 Vertical Section Azimuth: 282.571 ° (Grid North)  
 Vertical Section Origin: 0.000 ft, 0.000 ft  
 TVD Reference Datum: KB  
 TVD Reference Elevation: 1311.400 ft above MSL  
 Seabed / Ground Elevation: 1289.180 ft above MSL  
 Magnetic Declination: -8.748 °  
 Total Field Strength: 52697.678 nT  
 Magnetic Dip Angle: 87.568 °  
 Declination Date: November 07, 2011  
 Magnetic Declination Model: BOGM 2011  
 North Reference: Grid North  
 Grid Convergence Used: -0.674 °  
 Total Corr Mag North-Grid North: -0.674 °  
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	TVDS (ft)	VSEC (ft)	HS (ft)	EW (ft)	DLS (ft/1000)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S °'")	Longitude (E/W °'")
SHL	0.00	0.00	0.00	0.00	-1311.40	0.00	0.00	0.00	N/A	537537.63	1703752.65	N 39 58 15.78	W 80 33 25.22
	115.00	0.15	154.08	115.00	-1186.40	-0.11	-0.14	0.07	0.13	537537.60	1703752.71	N 39 58 15.75	W 80 33 25.22
	215.00	0.13	347.87	215.00	-1095.40	-0.14	-0.14	0.09	0.28	537537.49	1703752.74	N 39 58 15.75	W 80 33 25.21
	315.00	0.14	347.87	315.00	-995.40	0.00	0.00	0.00	0.01	537537.72	1703752.69	N 39 58 15.76	W 80 33 25.22
	415.00	0.14	339.02	415.00	-895.40	0.15	0.32	-0.03	0.02	537537.95	1703752.62	N 39 58 15.78	W 80 33 25.22
	515.00	0.04	157.07	515.00	-795.40	0.21	0.40	-0.08	0.18	537538.03	1703752.59	N 39 58 15.78	W 80 33 25.22
	615.00	0.20	51.00	615.00	-695.40	0.10	0.48	0.09	0.21	537538.11	1703752.74	N 39 58 15.78	W 80 33 25.22
	715.00	0.27	358.80	715.00	-595.40	0.11	0.62	0.22	0.22	537538.46	1703752.87	N 39 58 15.76	W 80 33 25.21
	815.00	0.29	340.35	815.00	-495.40	0.00	0.00	0.00	0.19	537538.76	1703752.93	N 39 58 15.77	W 80 33 25.21
	915.00	0.25	351.91	915.00	-395.40	0.43	1.42	0.12	0.17	537539.05	1703752.77	N 39 58 15.77	W 80 33 25.21
	1015.00	0.18	6.52	1015.00	-295.40	0.59	1.79	0.11	0.09	537539.42	1703752.75	N 39 58 15.77	W 80 33 25.21
	1115.00	0.34	350.67	1115.00	-195.40	0.79	2.24	0.08	0.17	537539.87	1703752.72	N 39 58 15.78	W 80 33 25.22
	1215.00	1.55	344.59	1215.00	-95.40	1.51	3.41	1.22	0.71	537541.06	1703752.43	N 39 58 15.79	W 80 33 25.22
	1315.00	1.40	311.80	1315.00	3.57	3.24	5.11	1.38	0.76	537542.74	1703751.27	N 39 58 15.81	W 80 33 25.23
	1415.00	1.25	306.19	1415.00	101.54	5.45	6.57	-3.17	0.20	537544.20	1703749.47	N 39 58 15.82	W 80 33 25.26
	1515.00	1.40	288.51	1515.00	203.51	7.73	7.50	-6.21	0.43	537545.23	1703747.43	N 39 58 15.83	W 80 33 25.28
	1615.00	2.07	284.90	1615.00	303.51	10.74	8.45	-8.11	0.88	537546.09	1703744.53	N 39 58 15.84	W 80 33 25.32
	1715.00	1.56	270.30	1715.00	403.42	13.79	9.03	-11.22	0.58	537546.87	1703741.43	N 39 58 15.84	W 80 33 25.36
	1815.00	2.04	278.72	1815.00	503.37	16.79	9.25	-14.34	0.56	537546.88	1703738.31	N 39 58 15.84	W 80 33 25.40
	1915.00	2.42	258.80	1915.00	603.29	20.28	8.14	-18.16	0.89	537546.77	1703734.49	N 39 58 15.84	W 80 33 25.45
	2015.00	2.53	247.81	2015.00	703.20	23.59	7.89	-22.27	0.49	537545.52	1703730.37	N 39 58 15.83	W 80 33 25.50
	2115.00	2.71	255.70	2115.00	803.10	27.05	8.45	-26.80	0.41	537544.10	1703726.04	N 39 58 15.82	W 80 33 25.56
	2215.00	2.15	216.48	2215.00	902.98	30.50	9.00	-31.22	0.42	537542.66	1703721.38	N 39 58 15.80	W 80 33 25.62
	2315.00	1.12	232.45	2315.00	1002.84	34.03	2.52	-35.80	0.96	537540.15	1703716.95	N 39 58 15.79	W 80 33 25.68
	2415.00	2.89	240.70	2415.00	1102.70	38.34	-0.37	-40.16	0.49	537537.26	1703712.49	N 39 58 15.75	W 80 33 25.73
	2515.00	2.61	242.80	2515.00	1202.69	39.96	-2.55	-44.37	0.29	537534.98	1703708.27	N 39 58 15.72	W 80 33 25.79
	2615.00	2.39	244.09	2615.00	1302.69	42.80	-4.52	-48.27	0.23	537533.02	1703704.30	N 39 58 15.70	W 80 33 25.84
	2715.00	2.80	237.84	2715.00	1402.61	45.29	-6.55	-51.77	0.31	537531.06	1703700.88	N 39 58 15.68	W 80 33 25.88
	2815.00	2.27	228.24	2815.00	1502.34	47.19	-8.54	-54.82	0.46	537528.69	1703697.82	N 39 58 15.66	W 80 33 25.92
	2915.00	2.23	232.55	2915.00	1602.26	48.95	-11.49	-57.80	0.25	537526.14	1703694.85	N 39 58 15.63	W 80 33 25.96
	3015.00	2.00	228.99	3015.00	1702.19	50.85	-13.87	-60.52	0.31	537523.77	1703692.03	N 39 58 15.61	W 80 33 25.98
	3115.00	2.51	221.88	3115.00	1802.13	52.83	-16.70	-63.25	0.65	537521.32	1703689.31	N 39 58 15.59	W 80 33 25.93
	3215.00	2.15	216.48	3215.00	1902.03	53.22	-19.85	-65.89	0.44	537517.77	1703686.76	N 39 58 15.55	W 80 33 26.06
	3315.00	1.18	208.89	3315.00	2001.99	53.71	-22.31	-67.44	1.00	537515.32	1703684.21	N 39 58 15.53	W 80 33 26.08
	3415.00	1.22	190.45	3415.00	2101.97	53.89	-24.28	-68.09	0.34	537813.35	1703684.56	N 39 58 15.51	W 80 33 26.09
	3515.00	0.72	242.32	3515.00	2201.95	53.74	-25.62	-68.84	0.96	537512.02	1703683.81	N 39 58 15.49	W 80 33 26.10
	3615.00	0.30	247.47	3615.00	2301.98	54.31	-26.01	-69.64	0.42	537509.94	1703683.01	N 39 58 15.49	W 80 33 26.12
	3715.00	0.34	240.97	3715.00	2401.95	54.69	-26.23	-70.14	0.05	537511.38	1703682.51	N 39 58 15.49	W 80 33 26.11
	3815.00	0.26	271.66	3815.00	2501.95	55.10	-26.39	-70.65	0.17	537511.24	1703682.00	N 39 58 15.49	W 80 33 26.12
	3915.00	0.15	10.93	3915.00	2601.95	55.38	-26.26	-70.87	0.34	537511.38	1703681.78	N 39 58 15.49	W 80 33 26.12
	4015.00	0.76	348.73	4015.00	2701.94	55.78	-25.49	-71.00	0.63	537512.15	1703681.85	N 39 58 15.50	W 80 33 26.12
	4115.00	0.64	338.83	4115.00	2801.94	56.58	-24.33	-71.39	0.16	537513.30	1703681.25	N 39 58 15.51	W 80 33 26.13
	4215.00	0.98	11.48	4215.00	2902.92	57.29	-22.94	-71.43	0.47	537514.99	1703681.20	N 39 58 15.52	W 80 33 26.13
	4315.00	0.79	24.83	4315.00	3003.91	57.44	-21.01	-70.94	0.25	537516.62	1703681.71	N 39 58 15.54	W 80 33 26.12
	4415.00	0.52	22.59	4415.00	3103.90	57.41	-20.03	-70.50	0.29	537517.60	1703682.15	N 39 58 15.55	W 80 33 26.12
	4515.00	0.51	7.60	4515.00	3203.90	57.52	-19.22	-70.28	0.14	537518.42	1703682.37	N 39 58 15.56	W 80 33 26.12
	4615.00	0.30	349.82	4615.00	3303.90	57.90	-18.49	-70.28	0.20	537519.15	1703682.37	N 39 58 15.56	W 80 33 26.12
	4715.00	0.43	323.21	4715.00	3415.90	58.29	-17.88	-70.56	0.20	537519.75	1703682.09	N 39 58 15.57	W 80 33 26.12
	4815.00	0.44	307.41	4815.00	3509.89	58.94	-17.38	-71.05	0.13	537520.25	1703681.60	N 39 58 15.58	W 80 33 26.13
	4915.00	0.32	320.36	4915.00	3604.89	59.53	-16.95	-71.51	0.15	537520.68	1703681.14	N 39 58 15.58	W 80 33 26.13
	5015.00	0.34	340.07	5015.00	3698.89	59.55	-16.49	-71.77	0.12	537521.14	1703680.67	N 39 58 15.58	W 80 33 26.14
	5115.00	0.31	314.11	5115.00	3792.89	60.37	-16.05	-72.08	0.16	537521.58	1703680.80	N 39 58 15.59	W 80 33 26.14
	5215.00	0.45	308.70	5215.00	3888.89	60.86	-15.64	-72.52	0.15	537521.89	1703680.13	N 39 58 15.59	W 80 33 26.15
	5315.00	1.67	172.06	5315.00	3981.87	60.62	-16.77	-72.62	2.13	537520.86	1703680.03	N 39 58 15.58	W 80 33 26.15
	5415.00	6.19	188.99	5415.00	4078.75	59.87	-19.94	-72.04	9.52	537517.69	1703680.61	N 39 58 15.58	W 80 33 26.14
	5515.00	10.42	168.40	5515.00	4075.25	55.07	-20.70	-70.70	9.00	537511.04	1703681.95	N 39 58 15.48	W 80 33 26.12
	5615.00	13.79	172.58	5615.00	4121.20	49.89	-38.31	-69.13	7.41	537501.32	1703681.52	N 39 58 15.39	W 80 33 26.10
	5715.00	16.32	175.50	5715.00	4167.55	43.97	-48.71	-67.86	5.49	537488.92	1703680.78	N 39 58 15.27	W 80 33 26.08
	5815.00	18.88	177.16	5815.00	4212.34	37.70	-62.89	-66.37	5.85	537474.74	1703680.68	N 39 58 15.13	W 80 33 26.07
	5915.00	22.57	179.17	5915.00	4257.23	30.71	-78.87	-66.45	7.83	537457.77	1703680.20	N 39 58 14.96	W 80 33 26.06
	6015.00	28.34	181.00	6015.00	4300.01	23.29	-99.32	-68.80	8.18	537438.32	1703680.15	N 39 58 14.77	W 80 33 26.06
	6115.00	30.46	182.86	6115.00	4341.34	18.43	-121.63	-67.28	8.96	537415.99	1703680.37	N 39 58 14.55	W 80 33 26.06
	6215.00	38.06	185.47	6215.00	4380.86	7.44	-147.00	-68.16	10.24	537390.54	1703680.49	N 39 58 14.29	W 80 33 26.08
	6315.00	39.77	185.66	6315.00	4418.97	-0.83	-178.99	-72.23	9.93	537361.85	1703680.40	N 39 58 14.01	W 80 33 26.12
	6415.00	44.87	186.98	6415.00	4453.71	-8.37	-207.34	-76.47	11.19	537330.30	1703676.18	N 39 58 13.70	W 80 33 26.17
	6515.00	48.82	187.37	6515.00	4488.54	-17.80	-242.01	-81.32	8.43	537299.03	1703671.33	N 39 58 13.35	W 80 33 26.22
	6615.00	51.94	188.82	6615.00	4516.51	-27.77	-277.97	-86.46	7.11	537269.67	1703666.18	N 39 58 13.00	W 80 33 26.31
	6715.00	53.80	184.98	6715.00	4545.58	-39.05	-316.99	-89.06	3.54	537221.65	1703661.59	N 39 58 12.62	W 80 33 2



04/04/2014

51-01367

Comments	MD	MD From	MD To	EOU Freq	Survey Tool Type	Description	Survey Error Model:	Survey Type:	Del Survey	Final Survey	Projection to BH
723.00	(ft)	723.00	723.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD	ISCVGA Rev 0 ... 3-D 95.00% Confidence 2.755 sigma	Del Survey			
722.00	(ft)	722.00	722.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
721.00	(ft)	721.00	721.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
720.00	(ft)	720.00	720.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
719.00	(ft)	719.00	719.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
718.00	(ft)	718.00	718.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
717.00	(ft)	717.00	717.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
716.00	(ft)	716.00	716.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
715.00	(ft)	715.00	715.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
714.00	(ft)	714.00	714.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
713.00	(ft)	713.00	713.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
712.00	(ft)	712.00	712.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
711.00	(ft)	711.00	711.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
710.00	(ft)	710.00	710.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
709.00	(ft)	709.00	709.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
708.00	(ft)	708.00	708.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
707.00	(ft)	707.00	707.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
706.00	(ft)	706.00	706.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
705.00	(ft)	705.00	705.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
704.00	(ft)	704.00	704.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
703.00	(ft)	703.00	703.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
702.00	(ft)	702.00	702.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
701.00	(ft)	701.00	701.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					
700.00	(ft)	700.00	700.00	700.00	W	Original Borehole / Noble Energy SHL-3G-HS Gyres+MWD On to 119881 MD					