

Borehole: Original Borehole	Well: SHR-38R-HSM	Field: WV Tyler County (NAD 27)	Structure: Patterson 563
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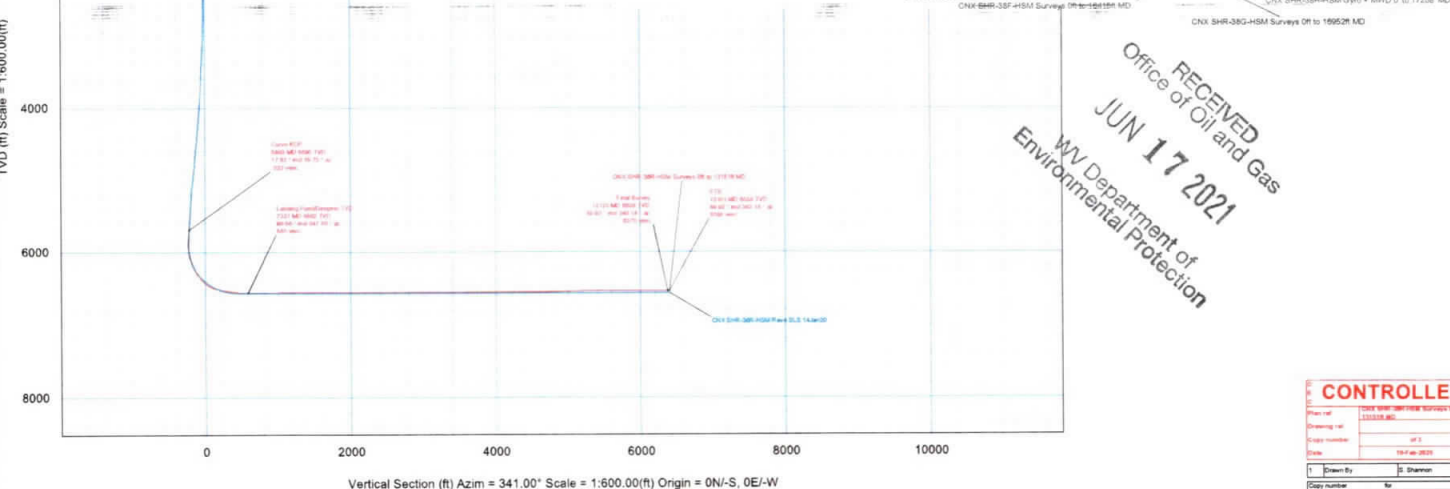
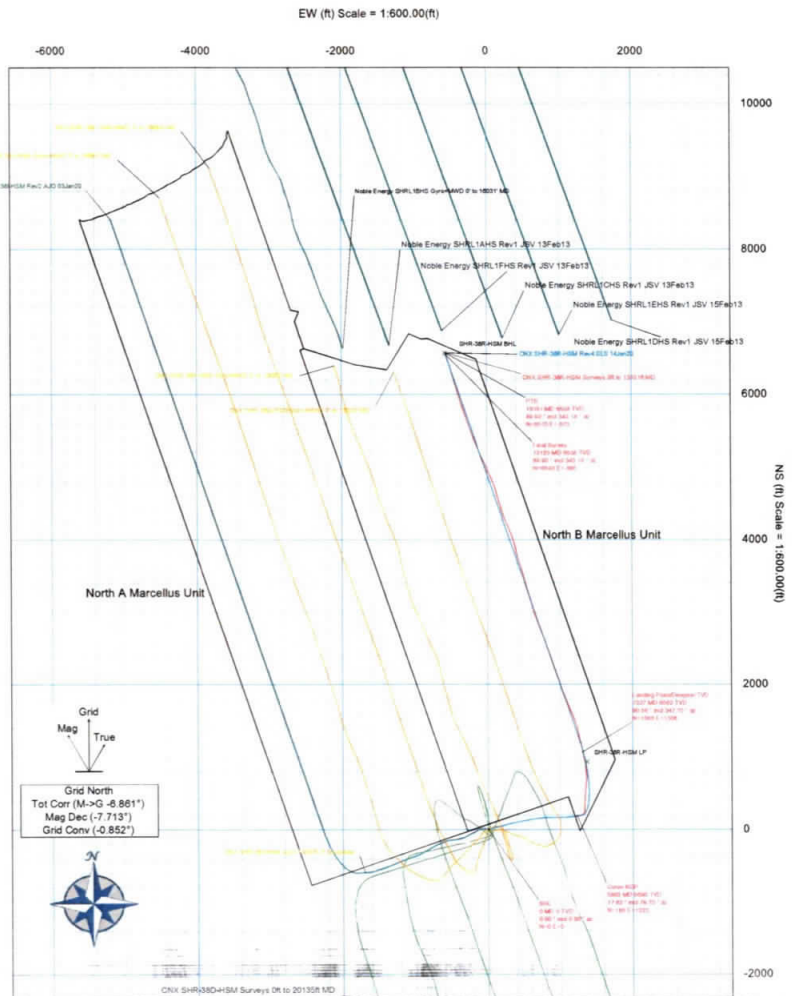
Gravity & Magnetic Parameters Model: HDGM 2019 Dip: 66.394° Date: 14-Jan-2020 MagDec: -7.713° FS: 61764.423mT Gravity FS: 999.321mg (0.80665 Based)	Surface Location NAD27 West Virginia State Plane, Northern Zone, US Feet Lat: N 39 22 17.74 Northing: 320256.15RUS Grid Conv: -0.8517° Lon: W 80 50 7.75 Easting: 1622461.70RUS Scale Fact: 0.99995055	Miscellaneous Slot: SHR-38R-HSM TVD Ref: RKB(1040.0ft above MSL) Plan: CNX SHR-38R-HSM Surveys Off to 13151R MD
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Critical Point	WD	INCL	AZM	TVD	VSEC	NEVR(I)	E(YPR)	DLR
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Curve x OP	1465.00	17.63	78.73	1460.36	-222.23	180.11	1223.09	2.00
Landing Point/Element TVD	7227.00	90.56	347.70	6962.42	585.06	1090.31	1306.54	0.25
Final Survey	13123.00	89.82	343.16	6038.31	6370.33	6542.96	684.71	0.26
WTS	13181.00	89.82	343.16	6038.31	6369.31	6539.75	673.82	0.00

PART	Seq	Survey Tool	Survey Tool Code	Vendor/Tool	Hole Size (in)	Casing Size (in)	Expected Hole Incl (°)	MD From (ft)	MD To (ft)	Survey Frequency (ft)	LOG Type	LOG Rate (ft/min)	Comments/Contingency
1	1	NAL_NDS-HMSTOT	Depth	30	30	30	0	29	1598.428	1.262		1.26	
1	2	NAL_NDS-HMSTOT	Depth	30	30	30	29	29	1598.428	1.262		1.26	
1	3	NAL_NDS-HMSTOT	Depth	30	30	30	29	29	1598.428	1.262		1.26	
1	4	NAL_NDS-HMSTOT	Depth	30	30	30	29	29	1598.428	1.262		1.26	
1	5	NAL_NDS-HMSTOT	Depth	30	30	30	29	29	1598.428	1.262		1.26	

Target Description	Shape	Dimension	Latitude	Longitude	Northing	Easting	TVD	VSec	NEVR(I)	E(YPR)
Address Tract - SHR 38	Polyline	N/A	N 39 24 52.96	W 80 50 48.70	330009.18	1610859.13	1040.86	1812.28	16791.43	-2822.81
North A Marcellus Unit	Polyline	N/A	N 39 22 17.86	W 80 50 8.07	320271.40	1622436.80	1040.86	20.87	13.25	-24.86
North B Marcellus Unit	Polyline	N/A	N 39 22 17.86	W 80 50 8.07	320271.40	1622436.80	1040.86	20.87	13.25	-24.86
SHR-38R-HSM LP	Point	N/A	N 39 22 27.16	W 80 49 50.57	321190.00	1623624.84	8480.00	437.88	932.80	1363.22
SHR-38R-HSM SHL	Point	N/A	N 39 23 22.86	W 80 50 18.36	320623.87	1621684.87	6480.00	8396.16	8983.04	-477.25

Target Description	Shape	Dimension	Latitude	Longitude	Northing	Easting	TVD	VSec	NEVR(I)	E(YPR)
SHR-38R-HSM Survey Off to 13151R MD	Point	N/A	N 39 22 17.74	W 80 50 7.75	320256.15	1622461.70	1040.86	20.87	13.25	-24.86
SHR-38R-HSM Survey Off to 13151R MD	Point	N/A	N 39 22 17.74	W 80 50 7.75	320256.15	1622461.70	1040.86	20.87	13.25	-24.86
SHR-38R-HSM Survey Off to 13151R MD	Point	N/A	N 39 22 17.74	W 80 50 7.75	320256.15	1622461.70	1040.86	20.87	13.25	-24.86
SHR-38R-HSM Survey Off to 13151R MD	Point	N/A	N 39 22 17.74	W 80 50 7.75	320256.15	1622461.70	1040.86	20.87	13.25	-24.86
SHR-38R-HSM Survey Off to 13151R MD	Point	N/A	N 39 22 17.74	W 80 50 7.75	320256.15	1622461.70	1040.86	20.87	13.25	-24.86



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JUN 17 2021
WV Department of
Environmental Protection

CONTROLLED	
Plan No.	13151R MD
Drawing No.	
Scale	AS IS
Date	19-Feb-2020
Drawn By	J. Shannon
Copy Number	1 of 1

08/27/2021

CNX SHR-38R-HSM Surveys 0ft to 13151ft MD Survey Report

(Def Survey)

Report Date: February 19, 2020 - 01:35 PM
Client: CNX
Field: WV Tyler County (NAD 27)
Structure / Slot: CNX SHR-38 Pad / SHR-38R-HSM
Well: SHR-38R-HSM
Borehole: Original Borehole
UWI / API#: Unknown / Unknown
Survey Name: CNX SHR-38R-HSM Surveys 0ft to 13151ft MD
Survey Date: January 14, 2020
Tort / AHD / DDI / ERD Ratio: 317.288 * / 8034.851 ft / 6.708 / 1.224
Coordinate Reference System: NAD27 West Virginia State Plane, Northern Zone, US Feet
Location Lat / Long: N 39° 22' 17.73632", W 80° 50' 7.75116"
Location Grid N/E Y/X: N 320258.146 ftUS, E 1622461.787 ftUS
CRS Grid Convergence Angle: -0.8517 *
Grid Scale Factor: 0.99995055
Version / Patch: 2.10.787.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 341.000 * (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 1040.600 ft above MSL
Seabed / Ground Elevation: 1011.600 ft above MSL
Magnetic Declination: -7.713 *
Total Gravity Field Strength: 999.3213mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 51764.423 nT
Magnetic Dip Angle: 66.394 *
Declination Date: January 14, 2020
Magnetic Declination Model: HDGM 2019
North Reference: Grid North
Grid Convergence Used: -0.8517 *
Total Corr Mag North->Grid North: -6.8614 *
Local Coord Referenced To: Wall Head

Table with columns: Comments, MD (ft), Incl (°), Azim Grid (°), TVD (ft), TVDSS (ft), VSEC (ft), NS (ft), EW (ft), DLS (°/100ft), TF (°), BR (°/100ft), TR (°/100ft), Northing (ftUS), Easting (ftUS), Latitude (°), Longitude (°), Directional Difficulty Index. The table contains a detailed survey log with 37 rows of data.

Office of Information Technology
17 2020
Reference and Gas

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	TF (°)	BR (ft/100ft)	TR (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)	Directional Difficulty Index
	3823.00	17.12	76.30	3744.79	2704.19	-61.53	146.11	613.34	0.85	92.13R	0.45	2.46	320404.25	1623075.10	39.37201953	-80.83324953	4.56
	3917.00	17.15	82.67	3834.63	2794.03	-65.81	151.16	640.53	2.00	66.54L	0.03	6.78	320409.30	1623102.28	39.37203449	-80.83322903	4.58
	4011.00	17.19	82.36	3924.44	2883.84	-71.15	154.77	668.04	0.11	101.66R	0.04	-0.33	320412.91	1623129.80	39.37204554	-80.83313192	4.60
	4106.00	17.02	85.60	4015.24	2974.64	-77.42	157.71	695.82	1.02	174.59R	-0.18	3.41	320415.84	1623157.57	39.37205472	-80.83303984	4.63
	4201.00	16.28	85.85	4106.05	3065.44	-84.34	159.74	722.96	0.78	21.31R	0.26	0.26	320417.87	1623184.71	39.37206140	-80.83283794	4.65
	4296.00	18.42	88.47	4196.83	3156.33	-92.26	161.10	751.25	1.40	116.81L	2.25	2.76	320419.24	1623213.00	39.37206630	-80.83283797	4.68
	4390.00	17.71	83.43	4286.30	3245.70	-99.80	163.13	780.30	2.83	154.51R	-0.76	-5.36	320421.27	1623242.05	39.37207306	-80.83273533	4.71
	4485.00	16.10	86.23	4377.20	3336.60	-106.37	165.65	807.50	1.90	53.07R	-1.69	2.95	320423.79	1623269.55	39.37208110	-80.83263820	4.74
	4580.00	17.88	93.39	4468.06	3427.48	-115.38	165.66	835.51	2.89	16.9L	1.87	7.54	320423.79	1623297.26	39.37208223	-80.83254021	4.77
	4675.00	20.07	91.46	4557.89	3517.29	-126.64	164.38	868.37	2.40	155.83L	2.31	-2.03	320422.52	1623328.11	39.37207998	-80.83243101	4.80
	4769.00	18.11	88.60	4646.72	3606.12	-136.69	164.33	897.10	2.31	137.89L	-2.09	-3.04	320422.46	1623358.84	39.37208109	-80.83232332	4.83
	4864.00	16.76	84.22	4737.35	3696.75	-144.29	166.07	925.49	1.98	153.14R	-1.42	-4.61	320424.20	1623387.23	39.37208702	-80.83222200	4.85
	4958.00	15.83	85.96	4827.58	3786.98	-150.70	168.33	951.77	1.12	44.81R	-0.99	1.85	320426.47	1623413.50	39.37209432	-80.83212919	4.87
	5053.00	18.03	92.66	4918.46	3877.66	-159.47	168.56	979.38	3.09	6.49R	2.32	7.05	320426.70	1623441.12	39.37209607	-80.83203153	4.90
	5147.00	20.05	93.33	5007.32	3966.72	-170.97	166.95	1010.00	2.16	132.27L	2.15	0.71	320425.09	1623469.21	39.37209290	-80.83192315	4.93
	5242.00	18.69	88.44	5096.94	4056.34	-181.72	166.42	1041.48	2.23	148.27L	-1.43	-5.15	320424.56	1623497.22	39.37209272	-80.83181180	4.95
	5337.00	16.94	84.65	5187.39	4146.79	-189.55	168.13	1070.48	2.21	107.33L	-1.84	-3.99	320426.26	1623525.21	39.37209858	-80.83170933	4.97
	5431.00	16.89	84.09	5277.32	4236.72	-195.87	170.81	1097.70	0.18	140.16L	-0.05	-0.60	320428.95	1623553.43	39.37210705	-80.83161321	4.98
	5526.00	16.34	82.44	5368.35	4327.75	-201.65	173.99	1124.67	0.76	167.43L	-0.58	-1.74	320432.13	1623586.40	39.37211688	-80.83151798	5.00
	5621.00	15.91	82.09	5459.62	4419.02	-206.80	177.54	1150.82	0.46	25.92R	-0.45	-0.37	320435.68	1623612.54	39.37212769	-80.83142570	5.01
	5716.00	17.70	84.92	5550.56	4509.96	-212.78	180.61	1178.10	2.07	51.55L	1.88	2.98	320438.75	1623639.83	39.37213723	-80.83132936	5.03
	5810.00	18.18	83.02	5639.99	4599.39	-219.27	183.66	1206.89	0.81	110.55L	0.51	-2.02	320441.79	1623668.62	39.37214876	-80.83122771	5.05
	5905.00	17.83	79.73	5730.42	4689.82	-222.23	186.11	1235.08	2.03	151.23L	-0.66	-6.21	320444.25	1623698.81	39.37215415	-80.83117057	5.06
	5957.00	17.26	78.67	5820.85	4780.25	-226.27	191.41	1263.92	0.70	76.88L	-0.61	-1.13	320449.55	1623727.64	39.37216985	-80.83107241	5.07
	6052.00	17.35	77.43	5911.28	4870.72	-229.74	197.27	1292.56	0.40	98.42L	0.09	-1.31	320455.40	1623756.40	39.37218704	-80.83097494	5.08
	6146.00	17.83	52.33	6001.71	4961.15	-226.70	209.13	1321.97	8.03	95.35L	0.51	-26.70	320467.28	1623785.39	39.37220262	-80.83088677	5.13
	6240.00	18.77	27.08	6092.14	5051.58	-231.42	231.42	1351.97	8.43	82.46L	1.00	-26.86	320469.56	1623813.69	39.37221825	-80.83083220	5.17
	6335.00	20.78	7.53	6182.57	5142.01	-235.87	261.77	1381.15	7.24	47.94L	2.12	-20.58	320519.91	1623842.54	39.37223402	-80.83079233	5.21
	6430.00	25.33	356.74	6273.00	5232.44	-240.32	292.81	1411.34	6.52	9.28R	4.79	-11.36	320556.94	1623871.43	39.37224979	-80.83079054	5.24
	6495.00	31.77	358.73	6363.43	5322.87	-241.48	329.83	1331.03	10.01	11.99R	9.91	3.06	320587.96	1623900.32	39.37226566	-80.83079631	5.28
	6589.00	41.74	1.88	6453.86	5413.30	-242.54	385.99	1331.51	10.79	10.62R	10.61	3.35	320644.12	1623929.23	39.37227072	-80.83079756	5.33
	6684.00	52.79	4.41	6544.29	5503.73	-243.60	455.54	1335.47	11.79	11.76R	11.63	2.66	320713.68	1623958.12	39.37228561	-80.83078720	5.38
	6778.00	63.40	6.86	6634.72	5594.16	-244.67	534.82	1343.39	11.50	3.35L	11.29	2.61	320792.94	1623987.01	39.37311630	-80.83076334	5.44
	6873.00	77.00	6.05	6725.15	5684.59	-245.74	623.43	1353.39	14.34	50.17L	14.32	-0.85	320881.54	1624015.90	39.37335995	-80.83073262	5.50
	6901.00	78.32	4.44	6815.58	5775.02	-246.81	650.66	1355.89	7.33	60.94L	4.71	-5.75	320908.78	1624044.79	39.37343482	-80.83072521	5.51
	6996.00	81.89	358.07	6906.01	5865.45	-247.88	744.16	1357.91	7.60	90.73L	3.76	-6.71	321002.27	1624073.68	39.37369157	-80.83072296	5.56
	7091.00	81.86	351.54	7006.44	5955.88	-248.95	833.77	1349.40	6.80	80.45L	-0.03	-6.87	321098.19	1624102.57	39.37394819	-80.83071977	5.60
	7186.00	82.26	349.18	7106.87	6046.31	-249.99	930.52	1333.64	2.50	8.6L	0.42	-2.48	321188.62	1624131.46	39.37420217	-80.83081855	5.63
	7280.00	88.15	348.29	7207.30	6136.74	-251.06	1022.35	1315.35	6.34	13.76L	6.27	-0.95	321280.44	1624160.35	39.37445350	-80.83088906	5.67
Landing Point/Deepest TVD	7327.00	90.56	347.70	7307.73	6227.17	-252.13	1068.31	1305.58	5.28	98.74R	5.13	-1.26	321326.41	1624189.24	39.37470928	-80.83092504	5.69
	7374.00	90.46	348.35	7408.16	6317.60	-253.20	1114.29	1295.82	1.40	97.59L	-0.21	1.38	321372.38	1624218.13	39.37496497	-80.83096194	5.70
	7469.00	90.42	348.05	7508.59	6408.03	-254.27	1207.28	1276.40	0.32	112.53L	-0.04	-0.32	321418.36	1624247.02	39.37499587	-80.83103552	5.72
	7564.00	89.86	348.70	7609.02	6498.46	-255.34	1299.98	1256.63	1.54	22.97R	-0.59	-1.42	321558.06	1624275.91	39.37521320	-80.83111381	5.75
	7658.00	90.78	347.09	7709.45	6588.89	-256.41	1391.53	1234.32	1.06	88.17L	0.98	0.41	321649.80	1624304.80	39.37543065	-80.83119399	5.77
	7753.00	91.00	339.98	7809.88	6679.32	-257.48	1483.12	1202.42	7.49	109.91L	0.23	-7.48	321740.63	1624333.69	39.37564810	-80.83127422	5.81
	7848.00	90.46	338.49	7910.31	6769.75	-258.55	1574.71	1173.74	1.67	99.91L	-0.57	-1.57	321829.45	1624362.58	39.37586555	-80.83135449	5.83
	7942.00	90.21	337.06	8010.74	6860.18	-259.62	1666.30	1155.36	1.54	111.8L	-0.27	-1.52	321918.26	1624391.47	39.37608300	-80.83143488	5.86
	8037.00	89.91	336.31	8111.17	6950.61	-260.69	1757.89	1136.97	0.85	81.47R	-0.32	-0.29	322007.09	1624420.36	39.37630041	-80.83151527	5.88
	8132.00	90.12	337.71	8211.60	7041.04	-261.76	1849.48	1118.58	1.49	91.29R	0.22	1.47	322095.92	1624449.25	39.37651782	-80.83159566	5.90
	8226.00	90.05	340.81	8312.03	7131.47	-262.83	1941.07	1100.19	3.30	85.6L	-0.07	3.30	322184.75	1624478.14	39.37673523	-80.83167605	5.92
	8321.00	90.08	340.42	8412.46	7221.90	-263.90	2032.66	1081.80	0.41	74.62R	0.03	-0.41	322273.58	1624507.03	39.37695264	-80.83175644	5.94
	8416.00	90.41	341.62	8512.89	7312.33	-264.97	2124.25	1063.41	0.31	114.44L	0.35	1.26	322362.41	1624535.92	39.37717005	-80.83183683	5.96
	8510.00	90.06	340.85	8613.32	7402.76	-266.04	2215.84	1045.02	1.90	99.48L	-0.37	-0.62	322451.24	1624564.81	39.37738746	-80.83191722	5.98
	8605.00	90.01	340.55	8713.75	7493.19	-267.11	2307.43	1026.63	0.32	61.46L	-0.05	-0.32	322540.07	1624593.70	39.37760487	-80.83199761	6.00
	8700.00	90.32	339.98	8814.18	7583.62	-268.18	2399.02	1008.24	0.88	97.2R	0.33	-0.60	322628.90	1624622.59	39.37782228	-80.83207800	6.02
	8795.00	90.10	341.72	8914.61	7674.05	-269.25	2490.61	989.85	1.85	94.88L	-0.23	1.83	322717.73	1624651.48	39.37803969	-80.83215839	6.04
	8890.00	89.83	338.56	9015.04	7764.48	-270.32	2582.20	971.46	3.34	83.07R	-0.28	-3.39	322806.56	1624680.37	39.37825710	-80.83223878	6.06
	8984.00	89.92	339.30	9115.47	7854.91	-271.39	2673.79	953.07	0.79	68.61L	0.10	0.79	322895.39	1624709.26	39.37847451	-80.83231917	6.08
	9079.00	90.08	338.93	9215.90	7945.34	-272.46	2765.38	934.68									

Comments	MD (ft)	Incl (°)	Azlm Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	TF (°)	BR (°/100ft)	TR (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (°)	Longitude (°)	Directional Difficulty Index
	11255.00	88.42	338.97	6552.21	5511.61	4506.20	4793.08	79.10	7.89	55.84L	-1.84	-7.67	325050.98	1622540.88	39.38475430	-80.83545870	6.48
	11349.00	90.26	334.26	6553.29	5512.69	4599.76	4878.68	40.29	3.48	73.24R	1.96	-2.88	325136.57	1622502.08	39.38498769	-80.83560046	6.50
	11443.00	91.43	338.15	6551.90	5511.30	4693.40	4964.66	2.38	4.32	107.58L	1.24	4.14	325222.55	1622464.17	39.38522218	-80.83573910	6.51
	11538.00	90.23	334.37	6550.53	5509.93	4788.05	5051.59	-35.85	4.17	70.82L	-1.26	-3.98	325309.48	1622425.93	39.38545926	-80.83587892	6.53
	11633.00	90.55	333.45	6549.88	5509.28	4882.32	5136.91	-77.63	1.03	8.64R	0.34	-0.97	325394.79	1622384.16	39.38569176	-80.83603119	6.54
	11727.00	93.44	333.89	6546.61	5506.01	4975.48	5221.10	-119.30	3.11	102.18R	3.07	0.47	325478.98	1622342.50	39.38592117	-80.83618300	6.55
	11822.00	92.56	337.93	6541.63	5501.03	5069.96	5307.69	-158.01	4.35	128.75R	-0.93	4.25	325565.56	1622303.79	39.38615729	-80.83632450	6.57
	11916.00	91.05	339.81	6538.67	5498.07	5163.84	5395.32	-191.87	2.56	138.22L	-1.61	2.00	325653.19	1622269.92	39.38639646	-80.83644801	6.58
	12011.00	90.58	339.39	6537.32	5496.72	5258.80	5484.35	-224.99	0.66	107.77R	-0.49	-0.44	325742.21	1622236.81	39.38663951	-80.83657072	6.59
	12106.00	90.16	340.70	6536.71	5496.11	5353.79	5573.64	-257.41	1.45	141.77R	-0.44	1.38	325831.50	1622204.39	39.38688331	-80.83669010	6.60
	12199.00	89.83	340.96	6536.71	5496.11	5446.78	5661.49	-287.94	0.45	77.62L	-0.35	0.28	325919.34	1622173.86	39.38712320	-80.83680276	6.61
	12294.00	89.92	340.55	6536.92	5496.32	5541.78	5751.18	-319.26	0.44	85.8R	0.09	-0.43	326009.03	1622142.55	39.38736813	-80.83691824	6.62
	12389.00	90.02	341.91	6536.97	5496.37	5636.78	5841.12	-349.82	1.44	86.11R	0.11	1.43	326098.97	1622111.98	39.38761380	-80.83703111	6.63
	12483.00	90.09	342.94	6536.88	5496.28	5730.75	5930.73	-378.21	1.10	142.25L	0.07	1.10	326188.57	1622083.60	39.38785863	-80.83713623	6.64
	12578.00	89.78	342.70	6536.99	5496.39	5825.70	6021.49	-406.27	0.41	98.39R	-0.33	-0.25	326279.33	1622055.54	39.38810663	-80.83724028	6.65
	12673.00	89.69	343.31	6537.43	5496.83	5920.64	6112.34	-434.04	0.65	30.26R	-0.09	0.64	326370.18	1622027.77	39.38835490	-80.83734329	6.66
	12767.00	89.93	343.45	6537.74	5497.14	6014.56	6202.42	-460.92	0.30	100.78L	0.26	0.15	326460.24	1622000.89	39.38860106	-80.83744314	6.67
	12862.00	89.81	342.82	6537.96	5497.36	6109.49	6293.33	-488.48	0.68	25.2L	-0.13	-0.66	326551.15	1621973.33	39.38884950	-80.83754542	6.68
	12956.00	89.98	342.74	6538.13	5497.63	6203.45	6383.12	-516.31	0.20	95.44R	0.18	-0.09	326640.93	1621945.50	39.38909484	-80.83764660	6.69
	13050.00	89.92	343.37	6538.21	5497.61	6297.39	6473.03	-543.71	0.67	90L	-0.06	0.67	326730.85	1621918.11	39.38934056	-80.83775025	6.70
Final Survey	13123.00	89.92	343.18	6538.31	5497.71	6370.33	6542.95	-564.71	0.26	HS	0.00	-0.26	326800.76	1621897.10	39.38953161	-80.83782825	6.71
PTB	13151.00	89.92	343.18	6538.35	5497.75	6398.31	6569.75	-572.82	0.00		0.00	0.00	326827.56	1621889.00	39.38960486	-80.83785832	6.71

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
 Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	29.000	1/98 425	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / CNX SHR-38R-HSM Surveys 0ft to 13151ft MD
	1	29.000	29.000	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / CNX SHR-38R-HSM Surveys 0ft to 13151ft MD
	1	29.000	541.120	Act Stns	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / CNX SHR-38R-HSM Surveys 0ft to 13151ft MD
	1	541.120	5810.000	Act Stns	30.000	30.000	NAL_MWD-NON_SLB	Original Borehole / CNX SHR-38R-HSM Surveys 0ft to 13151ft MD
	1	5810.000	13151.000	Act Stns	30.000	30.000	NAL_MWD_1.0_DEG	Original Borehole / CNX SHR-38R-HSM Surveys 0ft to 13151ft MD

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