

Job Number: 23D0611109	State/Country: West Virginia
Company: Stone Energy	Declination: -8.40
Lease/Well: Nice Talkington #2 H	Grid: 0.85
Location: Mary Prospect	File name: D:\WINSERVE\TN#2H.SVY
Rig Name: Saxon 141	Date/Time: 04-Jul-11 / 02:25
RKB: 18	Curve Name: Talkington Nice #2H As Drilled
G.L. or M.S.L.: 1300	

Scientific Drilling

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 162.62
 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		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.18	297.24	100.00	.07	-.14	-.11	.15	297.25	.18
200.00	.16	313.38	200.00	.24	-.38	-.34	.44	302.31	.05
300.00	.09	320.20	300.00	.39	-.53	-.53	.66	306.70	.08
400.00	.13	317.42	400.00	.53	-.65	-.70	.84	309.30	.04
500.00	.10	265.11	500.00	.60	-.81	-.82	1.01	306.80	.10
600.00	.10	294.17	600.00	.63	-.97	-.89	1.16	303.06	.05
700.00	.11	329.12	700.00	.75	-1.10	-1.04	1.33	304.27	.06
800.00	.07	75.05	800.00	.85	-1.09	-1.13	1.38	307.87	.14
900.00	.06	170.60	900.00	.81	-1.02	-1.08	1.30	308.60	.09
1000.00	.01	194.30	1000.00	.76	-1.01	-1.02	1.26	306.66	.04
1100.00	.03	137.23	1100.00	.73	-1.00	-.99	1.24	305.94	.02
1200.00	.43	352.93	1200.00	1.08	-1.03	-1.34	1.49	316.35	.45

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
1300.00	.54	349.19	1299.99	1.92	-1.17	-2.18			
1400.00	.51	352.89	1399.99	2.83	-1.31	-3.09	2.25	328.72	.12
1500.00	.49	348.78	1499.99	3.69	-1.45	-3.96	3.12	335.15	.05
1600.00	.51	341.00	1599.98	4.53	-1.68	-4.83	3.97	338.58	.04
1700.00	.61	344.10	1699.98	5.47	-1.97	-5.80	4.83	339.70	.07
							5.81	340.21	.11
1800.00	1.01	354.50	1799.97	6.85	-2.20	-7.20			
1900.00	1.32	349.18	1899.95	8.85	-2.50	-9.20	7.20	342.22	.42
2000.00	1.37	351.67	1999.92	11.16	-2.89	-11.51	9.20	344.25	.33
2100.00	1.77	2.39	2099.88	13.89	-2.99	-14.15	11.53	345.51	.08
2200.00	2.08	9.36	2199.83	17.22	-2.63	-17.22	14.21	347.84	.50
							17.42	351.30	.38
2300.00	2.25	9.02	2299.75	20.94	-2.03	-20.60			
2400.00	1.84	7.66	2399.69	24.47	-1.51	-23.80	21.04	354.46	.17
2499.99	1.64	354.44	2499.63	27.48	-1.44	-26.66	24.52	356.46	.41
2599.99	1.39	347.45	2599.60	30.09	-1.84	-29.26	27.52	357.01	.45
2699.99	.64	.81	2699.58	31.83	-2.09	-31.00	30.14	356.50	.31
							31.90	356.23	.78
2799.99	.77	121.80	2799.58	32.03	-1.52	-31.03			
2899.99	2.01	128.16	2899.55	30.60	.43	-29.07	32.07	357.29	1.23
2999.99	3.32	120.21	2999.44	28.06	4.32	-25.49	30.60	.81	1.25
3099.99	4.34	122.68	3099.21	24.55	10.00	-20.45	28.39	8.74	1.36
3199.99	4.82	123.77	3198.89	20.18	16.68	-14.27	26.51	22.17	1.03
							26.18	39.58	.48
3299.99	4.86	122.53	3298.54	15.57	23.74	-7.77			
3399.99	4.75	119.59	3398.19	11.25	30.91	-1.50	28.39	56.74	.11
3499.99	4.62	114.82	3497.85	7.51	38.16	4.23	32.89	70.01	.27
3599.99	4.66	111.75	3597.53	4.31	45.59	9.50	38.90	78.87	.41
3699.99	4.84	111.37	3697.18	1.27	53.30	14.71	45.80	84.60	.25
							53.32	88.64	.18
3799.99	5.21	114.67	3796.80	-2.17	61.36	20.40			
3899.99	5.05	119.20	3896.40	-6.21	69.33	26.64	61.40	92.02	.46
3999.99	4.98	119.46	3996.01	-10.49	76.95	33.00	69.61	95.12	.43
4099.99	4.85	122.31	4095.65	-14.89	84.30	39.39	77.67	97.76	.08
4199.99	4.61	123.94	4195.31	-19.39	91.21	45.75	85.61	100.01	.27
							93.25	102.00	.28
4299.99	3.87	118.76	4295.03	-23.26	97.50	51.32			
4399.99	3.38	113.10	4394.83	-26.04	103.17	55.66	100.24	103.42	.83
4499.99	2.99	106.84	4494.68	-27.95	108.37	59.04	106.40	104.16	.61
4599.99	2.74	101.35	4594.55	-29.17	113.21	61.66	111.92	104.46	.52
							116.91	104.45	.37

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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	
4699.99	2.35	95.33	4694.45	-29.83	117.59	63.60	121.32	104.23	.47
4799.99	1.80	97.41	4794.39	-30.22	121.19	65.05	124.90	104.00	.56
4899.99	1.23	98.38	4894.35	-30.58	123.80	66.17	127.52	103.88	.57
4999.99	.81	110.22	4994.34	-30.98	125.52	67.06	129.29	103.87	.46
5099.99	.69	111.92	5094.33	-31.45	126.74	67.87	130.59	103.94	.12
5199.99	.81	108.42	5194.32	-31.90	127.97	68.67	131.88	104.00	.13
5299.99	.89	112.99	5294.31	-32.43	129.36	69.59	133.36	104.07	.11
5399.99	.78	89.67	5394.30	-32.73	130.76	70.29	134.79	104.05	.36
5499.99	.68	94.28	5494.29	-32.77	132.03	70.71	136.04	103.94	.12
5531.99	.45	85.72	5526.29	-32.77	132.34	70.81	136.34	103.91	.76
5588.00	.63	86.50	5582.30	-32.74	132.87	70.93	136.84	103.84	.32
5651.00	.77	75.77	5645.29	-32.61	133.63	71.04	137.55	103.71	.30
5683.00	.50	84.85	5677.29	-32.55	133.97	71.08	137.87	103.65	.90
5715.00	1.80	96.78	5709.28	-32.59	134.61	71.31	138.50	103.61	4.11
5747.00	4.22	95.11	5741.24	-32.76	136.28	71.97	140.17	103.51	7.57
5779.00	6.64	104.25	5773.09	-33.32	139.25	73.39	143.18	103.46	8.01
5811.00	8.69	108.53	5804.80	-34.54	143.34	75.78	147.44	103.55	6.65
5842.00	11.01	112.72	5835.34	-36.43	148.29	79.06	152.70	103.80	7.83
5874.00	12.99	113.84	5866.64	-39.06	154.40	83.40	159.26	104.20	6.23
5905.00	14.84	114.50	5896.73	-42.12	161.20	88.35	166.61	104.64	5.99
5937.00	17.30	116.07	5927.48	-45.91	169.20	94.35	175.32	105.18	7.81
5969.00	19.32	115.90	5957.86	-50.31	178.24	101.26	185.20	105.76	6.31
6000.00	21.50	114.31	5986.91	-54.89	188.03	108.55	195.88	106.27	7.26
6032.00	23.45	112.72	6016.48	-59.77	199.25	116.55	208.02	106.70	6.38
6064.00	25.58	110.50	6045.59	-64.64	211.59	124.90	221.25	106.99	7.25
6096.00	28.34	110.40	6074.11	-69.71	225.19	133.79	235.73	107.20	8.63
6128.00	31.97	110.55	6101.78	-75.34	240.24	143.66	251.78	107.41	11.35
6159.00	35.07	112.33	6127.62	-81.60	256.17	154.40	268.85	107.67	10.49
6191.00	38.38	114.52	6153.27	-89.22	273.72	166.91	287.89	108.05	11.12
6223.00	41.84	115.94	6177.74	-98.01	292.36	180.87	308.35	108.53	11.18
6255.00	46.02	116.73	6200.78	-107.87	312.25	196.21	330.35	109.06	13.17
6286.00	49.93	117.98	6221.53	-118.45	332.69	212.42	353.15	109.60	12.96
6318.00	52.75	120.39	6241.52	-130.64	354.50	230.57	377.80	110.23	10.59
6350.00	54.15	123.52	6260.58	-144.25	376.30	250.07	403.00	110.97	8.99

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
6382.00	55.25	125.68	6279.07	-159.08	397.79	270.64	428.42	111.80	6.49
6414.00	57.54	127.20	6296.78	-174.91	419.23	292.16	454.26	112.65	8.18
6445.00	59.39	128.53	6312.99	-191.13	440.09	313.86	479.80	113.48	7.00
6477.00	61.00	130.37	6328.90	-208.78	461.52	337.11	506.55	114.34	7.09
6509.00	62.73	131.78	6343.99	-227.32	482.79	361.15	533.63	115.21	6.66
6540.00	63.51	132.30	6358.00	-245.84	503.33	384.96	560.15	116.03	2.93
6572.00	64.46	132.81	6372.04	-265.28	524.51	409.85	587.78	116.83	3.30
6602.00	65.61	133.57	6384.70	-283.90	544.34	433.53	613.92	117.54	4.47
6634.00	66.79	134.18	6397.62	-304.19	565.44	459.21	642.07	118.28	4.08
6666.00	68.02	135.30	6409.91	-324.99	586.43	485.32	670.46	118.99	5.02
6697.00	69.03	137.84	6421.26	-345.94	606.25	511.23	698.01	119.71	8.29
6729.00	70.46	139.37	6432.34	-368.46	626.10	538.66	726.47	120.48	6.33
6761.00	71.69	140.99	6442.72	-391.71	645.48	566.63	755.04	121.25	6.14
6792.00	72.74	142.45	6452.19	-414.88	663.77	594.21	782.76	122.01	5.62
6824.00	73.57	144.29	6461.46	-439.45	682.04	623.12	811.36	122.79	6.08
6856.00	74.76	146.63	6470.19	-464.81	699.49	652.53	839.85	123.60	7.96
6887.00	75.76	148.47	6478.08	-490.11	715.58	681.48	867.33	124.41	6.58
6919.00	76.65	150.15	6485.71	-516.83	731.44	711.72	895.61	125.25	5.81
6951.00	77.43	151.96	6492.89	-544.12	746.53	742.27	923.78	126.09	6.03
6983.00	78.92	154.39	6499.45	-572.07	760.66	773.17	951.77	126.95	8.77
7015.00	80.11	156.78	6505.27	-600.72	773.66	804.39	979.50	127.83	8.23
7046.00	81.85	159.99	6510.13	-629.18	784.94	834.92	1005.98	128.71	11.67
7078.00	82.18	162.09	6514.58	-659.15	795.23	866.60	1032.89	129.65	6.58
7109.00	83.65	163.38	6518.40	-688.52	804.36	897.36	1058.80	130.56	6.29
7141.00	85.42	164.53	6521.45	-719.14	813.16	929.20	1085.54	131.49	6.59
7172.00	86.20	164.42	6523.72	-748.92	821.44	960.10	1111.60	132.36	2.54
7204.00	86.24	163.92	6525.82	-779.64	830.15	992.02	1138.86	133.20	1.56
7235.00	86.88	164.79	6527.68	-809.44	838.49	1022.95	1165.45	133.99	3.48
7267.00	87.45	166.98	6529.27	-840.43	846.29	1054.86	1192.70	134.80	7.06
7299.00	87.58	166.98	6530.66	-871.58	853.49	1086.73	1219.88	135.60	.41
7363.00	89.46	167.88	6532.31	-934.02	867.41	1150.48	1274.68	137.12	3.26
7426.00	90.87	168.47	6532.13	-995.69	880.32	1213.19	1329.04	138.52	2.43
7489.00	91.68	168.60	6530.72	-1057.41	892.84	1275.83	1383.94	139.82	1.30
7553.00	90.81	169.27	6529.33	-1120.21	905.12	1339.43	1440.18	141.06	1.72

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
7617.00	90.64	169.64	6528.52	-1183.12	916.83	1402.97	1496.78	142.23	.64
7680.00	89.66	169.29	6528.36	-1245.06	928.35	1465.52	1553.06	143.29	1.65
7744.00	89.26	168.88	6528.96	-1307.90	940.47	1529.11	1610.93	144.28	.89
7808.00	89.53	169.08	6529.64	-1370.71	952.70	1592.71	1669.28	145.20	.52
7872.00	90.00	169.27	6529.90	-1433.57	964.72	1656.29	1727.95	146.06	.79
7935.00	89.23	169.56	6530.32	-1495.50	976.30	1718.85	1785.97	146.86	1.31
7998.00	88.86	170.15	6531.37	-1557.51	987.39	1781.34	1844.12	147.63	1.11
8062.00	88.96	169.81	6532.59	-1620.52	998.52	1844.80	1903.45	148.36	.55
8125.00	89.19	169.60	6533.61	-1682.50	1009.78	1907.31	1962.26	149.03	.49
8189.00	89.53	169.35	6534.32	-1745.41	1021.47	1970.85	2022.34	149.66	.66
8252.00	89.90	169.80	6534.64	-1807.37	1032.87	2033.38	2081.69	150.25	.92
8316.00	89.83	169.60	6534.79	-1870.34	1044.31	2096.90	2142.14	150.82	.33
8379.00	90.10	169.34	6534.83	-1932.28	1055.83	2159.45	2201.93	151.35	.59
8442.00	89.36	169.96	6535.12	-1994.25	1067.15	2221.97	2261.83	151.85	1.53
8506.00	89.06	170.08	6536.01	-2057.28	1078.24	2285.43	2322.71	152.34	.50
8570.00	88.99	169.58	6537.09	-2120.27	1089.54	2348.92	2383.82	152.80	.79
8634.00	89.33	170.19	6538.03	-2183.26	1100.77	2412.40	2445.06	153.24	1.09
8698.00	89.70	170.08	6538.57	-2246.31	1111.74	2475.84	2506.37	153.67	.60
8761.00	89.93	170.41	6538.78	-2308.40	1122.41	2538.29	2566.81	154.07	.64
8824.00	88.56	169.87	6539.61	-2370.47	1133.20	2600.74	2627.40	154.45	2.34
8888.00	88.22	170.16	6541.41	-2433.47	1144.29	2664.18	2689.09	154.82	.70
8952.00	88.22	170.29	6543.39	-2496.51	1155.15	2727.59	2750.81	155.17	.20
9016.00	88.72	170.42	6545.10	-2559.58	1165.87	2790.98	2812.60	155.51	.81
9080.00	88.86	169.98	6546.45	-2622.64	1176.76	2854.41	2874.54	155.83	.72
9143.00	89.36	169.75	6547.43	-2684.65	1187.85	2916.90	2935.69	156.13	.87
9207.00	89.83	169.16	6547.89	-2747.56	1199.56	2980.44	2998.01	156.41	1.18
9270.00	90.17	169.40	6547.89	-2809.46	1211.28	3043.01	3059.46	156.68	.66
9334.00	90.24	168.90	6547.66	-2872.32	1223.33	3106.60	3121.98	156.93	.79
9397.00	90.57	169.16	6547.21	-2934.17	1235.31	3169.20	3183.60	157.17	.67
9461.00	89.97	168.93	6546.91	-2997.00	1247.48	3232.80	3246.26	157.40	1.00
9525.00	90.07	168.52	6546.89	-3059.76	1259.99	3296.44	3309.04	157.62	.66
9588.00	89.36	168.45	6547.20	-3121.49	1272.57	3359.11	3370.93	157.82	1.13
9652.00	88.76	168.88	6548.25	-3184.24	1285.14	3422.74	3433.80	158.02	1.15
9716.00	88.83	168.71	6549.60	-3247.00	1297.58	3486.36	3496.67	158.22	.29

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
9779.00	88.86	170.16	6550.87	-3308.92	1309.12	3548.90	3558.48	158.41	2.30
9843.00	89.13	170.10	6551.99	-3371.96	1320.09	3612.34	3621.16	158.62	.43
9907.00	89.50	169.98	6552.75	-3434.99	1331.16	3675.80	3683.91	158.82	.61
9971.00	89.93	170.21	6553.07	-3498.04	1342.17	3739.25	3746.69	159.01	.76
10034.00	90.30	169.89	6552.95	-3560.09	1353.06	3801.72	3808.54	159.19	.78
10098.00	89.60	170.89	6553.00	-3623.19	1363.74	3865.13	3871.34	159.37	1.91
10162.00	89.60	171.89	6553.45	-3686.47	1373.32	3928.38	3933.96	159.57	1.56
10226.00	89.80	172.20	6553.78	-3749.85	1382.18	3991.52	3996.47	159.77	.58
10289.00	90.30	172.50	6553.73	-3812.29	1390.57	4053.61	4057.98	159.96	.93
10353.00	89.73	171.47	6553.71	-3875.66	1399.49	4116.76	4120.60	160.15	1.84
10417.00	89.50	171.46	6554.14	-3938.95	1408.99	4179.99	4183.37	160.32	.36
10480.00	89.56	171.30	6554.66	-4001.24	1418.43	4242.26	4245.22	160.48	.27
10544.00	89.73	171.37	6555.06	-4064.51	1428.07	4305.52	4308.09	160.64	.29
10607.00	89.93	171.34	6555.24	-4126.79	1437.54	4367.79	4370.00	160.79	.32
10671.00	89.16	171.66	6555.75	-4190.09	1447.00	4431.02	4432.90	160.95	1.30
10734.00	88.93	171.41	6556.80	-4252.39	1456.27	4493.25	4494.84	161.10	.54
10798.00	89.03	170.94	6557.94	-4315.62	1466.09	4556.52	4557.85	161.24	.75
10861.00	89.16	171.19	6558.94	-4377.85	1475.87	4618.83	4619.93	161.37	.45
10924.00	89.33	171.11	6559.77	-4440.10	1485.56	4681.13	4682.02	161.50	.30
10988.00	89.60	171.20	6560.36	-4503.33	1495.41	4744.42	4745.13	161.63	.44
11051.00	89.70	170.99	6560.75	-4565.57	1505.16	4806.73	4807.28	161.75	.37
11115.00	89.93	171.27	6560.95	-4628.81	1515.03	4870.03	4870.44	161.88	.57
11178.00	90.03	170.50	6560.98	-4691.01	1525.01	4932.37	4932.67	161.99	1.23
11242.00	89.93	170.09	6561.00	-4754.09	1535.79	4995.80	4996.01	162.10	.66
11306.00	89.03	170.53	6561.58	-4817.18	1546.57	5059.22	5059.35	162.20	1.57
11369.00	88.39	170.70	6563.00	-4879.32	1556.84	5121.59	5121.67	162.30	1.05
11433.00	88.73	170.62	6564.61	-4942.45	1567.22	5184.94	5184.98	162.41	.55
11497.00	88.79	170.63	6565.99	-5005.58	1577.64	5248.30	5248.31	162.51	.10
11561.00	88.93	170.33	6567.26	-5068.69	1588.23	5311.69	5311.69	162.60	.52
11621.00	89.36	171.02	6568.16	-5127.89	1597.95	5371.09	5371.09	162.69	1.35
Projection To TD									
11679.00	89.36	171.02	6568.81	-5185.17	1607.00	5428.46	5428.48	162.78	.00

12/16/2011