

Job Number: 23D0611092	State/Country: West Virginia
Company: Stone Energy	Declination: -8.4
Lease/Well: Nice Talkington #1H	Grid: 0.85
Location: Mary Prospect	File name: D:\WINSERVE\TN#1H.SVY
Rig Name: Saxon 141	Date/Time: 23-Jun-11 / 13:19
RKB: 18	Curve Name: Talkington Nice #1H As Drilled
G.L. or M.S.L.: 1300	

Scientific Drilling

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 169.31
 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	.29	252.33	100.00	-.08	-.24	.03	.25	252.33	.29
200.00	.14	247.89	200.00	-.20	-.59	.08	.62	251.48	.15
300.00	.04	251.40	300.00	-.25	-.73	.11	.77	250.93	.10
400.00	.10	261.49	400.00	-.27	-.85	.11	.89	252.01	.07
500.00	.05	260.70	500.00	-.29	-.98	.11	1.02	253.19	.06
600.00	.10	228.19	600.00	-.36	-1.08	.15	1.14	251.52	.07
700.00	.05	238.94	700.00	-.44	-1.18	.22	1.26	249.50	.06
800.00	.13	163.45	800.00	-.57	-1.19	.34	1.32	244.28	.13
900.00	.02	97.97	900.00	-.68	-1.14	.46	1.32	239.02	.12
1000.00	.02	41.40	1000.00	-.67	-1.11	.45	1.29	238.76	.02
1100.00	.11	51.72	1100.00	-.60	-1.02	.40	1.18	239.59	.09
1200.00	.21	348.31	1200.00	-.36	-.98	.17	1.04	249.76	.19

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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	.30	339.28	1300.00	.06	-1.11	-.27	1.11	273.24	.10
1400.00	.32	3.01	1400.00	.59	-1.19	-.80	1.32	296.27	.13
1500.00	.22	49.20	1499.99	.99	-1.03	-1.16	1.43	313.87	.23
1600.00	.16	61.00	1599.99	1.18	-.76	-1.30	1.40	327.07	.07
1700.00	.17	84.32	1699.99	1.26	-.50	-1.33	1.35	338.37	.07
1800.00	.36	49.90	1799.99	1.48	-.11	-1.47	1.48	355.61	.24
1900.00	.44	60.92	1899.99	1.87	.47	-1.75	1.92	14.00	.11
2000.00	.43	95.06	1999.99	2.02	1.18	-1.77	2.34	30.30	.26
2100.00	.43	83.22	2099.98	2.03	1.93	-1.64	2.80	43.54	.09
2200.00	.54	66.03	2199.98	2.27	2.73	-1.72	3.55	50.32	.18
2300.00	.72	72.08	2299.97	2.65	3.76	-1.91	4.61	54.82	.20
2400.00	1.08	72.83	2399.96	3.13	5.27	-2.10	6.12	59.31	.36
2499.99	1.42	75.54	2499.93	3.71	7.37	-2.28	8.25	63.25	.35
2599.99	1.47	73.57	2599.90	4.39	9.80	-2.49	10.74	65.89	.07
2699.99	.98	75.35	2699.87	4.97	11.86	-2.68	12.86	67.28	.49
2799.99	.53	64.35	2799.86	5.38	13.11	-2.86	14.17	67.67	.47
2899.99	.38	53.55	2899.86	5.78	13.79	-3.12	14.96	67.26	.18
2999.99	.25	38.24	2999.86	6.15	14.20	-3.41	15.47	66.57	.15
3099.99	.16	4.85	3099.86	6.46	14.34	-3.69	15.73	65.74	.14
3199.99	.10	350.47	3199.86	6.70	14.34	-3.92	15.83	64.97	.07
3299.99	.22	354.49	3299.86	6.98	14.31	-4.20	15.92	64.00	.12
3399.99	.18	5.67	3399.86	7.33	14.30	-4.55	16.07	62.88	.05
3499.99	.23	15.41	3499.86	7.68	14.37	-4.88	16.29	61.89	.05
3599.99	.19	28.85	3599.86	8.01	14.50	-5.18	16.57	61.08	.06
3699.99	.22	8.85	3699.86	8.35	14.62	-5.49	16.83	60.27	.07
3799.99	.41	18.51	3799.85	8.88	14.76	-5.98	17.22	58.98	.20
3899.99	.46	29.96	3899.85	9.56	15.07	-6.60	17.85	57.61	.10
3999.99	.58	38.46	3999.85	10.30	15.59	-7.23	18.68	56.53	.14
4099.99	.77	45.94	4099.84	11.17	16.39	-7.94	19.83	55.72	.21
4199.99	.93	49.37	4199.83	12.17	17.48	-8.71	21.30	55.17	.16
4299.99	1.09	49.73	4299.81	13.31	18.82	-9.58	23.05	54.74	.16
4399.99	1.19	44.83	4399.79	14.66	20.28	-10.64	25.02	54.14	.14
4499.99	1.33	39.00	4499.77	16.29	21.74	-11.98	27.17	53.15	.19
4599.99	1.47	39.16	4599.74	18.19	23.28	-13.55	29.54	52.00	.14

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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	1.66	38.88	4699.70	20.31	25.00	-15.32	32.21	50.91	.20
4799.99	1.78	38.01	4799.66	22.67	26.87	-17.29	35.15	49.85	.12
4899.99	1.79	38.53	4899.61	25.11	28.80	-19.34	38.21	48.91	.02
4999.99	1.69	39.07	4999.56	27.48	30.70	-21.31	41.20	48.17	.10
5099.99	1.59	38.09	5099.52	29.71	32.49	-23.17	44.03	47.55	.10
5199.99	1.43	43.02	5199.49	31.72	34.19	-24.83	46.64	47.15	.20
5299.99	1.45	48.12	5299.46	33.48	35.99	-26.22	49.15	47.07	.13
5399.99	1.29	46.19	5399.43	35.10	37.74	-27.49	51.54	47.08	.16
5499.99	.89	47.51	5499.41	36.41	39.13	-28.52	53.45	47.06	.40
5599.99	.88	46.10	5599.40	37.47	40.26	-29.35	54.99	47.06	.03
5622.99	.86	44.34	5622.39	37.71	40.51	-29.54	55.34	47.04	.14
5647.00	.69	25.95	5646.40	37.97	40.69	-29.76	55.66	46.98	1.25
5678.00	.41	39.84	5677.40	38.22	40.85	-29.98	55.94	46.90	.99
5710.00	1.28	209.99	5709.40	38.00	40.74	-29.79	55.71	46.99	5.27
5742.00	3.81	213.30	5741.36	36.80	39.98	-28.75	54.34	47.37	7.92
5774.00	6.42	211.21	5773.23	34.38	38.47	-26.65	51.60	48.21	8.18
5806.00	7.92	206.95	5804.98	30.89	36.54	-23.57	47.85	49.79	4.97
5838.00	9.65	203.75	5836.61	26.47	34.46	-19.62	43.45	52.47	5.62
5870.00	12.31	207.23	5868.02	20.98	31.82	-14.71	38.11	56.60	8.56
5902.00	14.45	207.75	5899.15	14.41	28.40	-8.89	31.85	63.09	6.70
5934.00	16.98	208.30	5929.95	6.76	24.33	-2.13	25.25	74.46	7.92
5966.00	19.18	207.49	5960.37	-2.01	19.68	5.63	19.79	95.84	6.92
5997.00	21.29	207.55	5989.45	-11.52	14.73	14.06	18.70	128.04	6.81
6029.00	23.28	205.91	6019.06	-22.36	9.28	23.70	24.21	157.47	6.51
6061.00	25.16	204.26	6048.24	-34.25	3.72	34.35	34.45	173.80	6.24
6093.00	28.02	203.34	6076.86	-47.36	-2.05	46.16	47.40	182.48	9.03
6125.00	30.78	203.70	6104.73	-61.76	-8.32	59.14	62.32	187.68	8.64
6157.00	33.55	204.19	6131.82	-77.33	-15.24	73.16	78.81	191.15	8.69
6189.00	36.53	204.15	6158.02	-94.09	-22.76	88.23	96.80	193.60	9.31
6220.00	39.15	203.85	6182.49	-111.46	-30.49	103.87	115.56	195.30	8.47
6252.00	41.79	202.34	6206.84	-130.56	-38.63	121.13	136.16	196.48	8.80
6284.00	43.44	199.98	6230.39	-150.77	-46.45	139.54	157.76	197.12	7.18
6316.00	45.54	198.59	6253.21	-171.94	-53.85	158.96	180.17	197.39	7.23
6348.00	47.89	196.50	6275.15	-194.14	-60.86	179.49	203.46	197.41	8.75

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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	
6380.00	50.00	195.13	6296.17	-217.36	-67.43	201.08	227.58	197.24	7.34
6412.00	50.80	194.35	6316.57	-241.21	-73.70	223.35	252.21	196.99	3.13
6443.00	52.08	193.09	6335.89	-264.75	-79.45	245.42	276.42	196.70	5.21
6475.00	54.38	192.98	6355.05	-289.72	-85.23	268.89	302.00	196.39	7.19
6507.00	57.39	192.37	6372.99	-315.57	-91.04	293.21	328.44	196.09	9.54
6539.00	60.28	191.60	6389.55	-342.35	-96.72	318.47	355.75	195.78	9.26
6571.00	62.34	190.16	6404.91	-369.92	-102.02	344.57	383.73	195.42	7.55
6603.00	64.03	187.80	6419.35	-398.12	-106.47	371.46	412.11	194.97	8.44
6634.00	65.87	186.66	6432.47	-425.98	-110.00	398.18	439.96	194.48	6.81
6666.00	68.28	185.00	6444.94	-455.30	-112.99	426.44	469.11	193.94	8.92
6698.00	70.58	184.13	6456.18	-485.16	-115.38	455.34	498.69	193.38	7.62
6729.00	73.02	183.37	6465.86	-514.55	-117.30	483.86	527.75	192.84	8.21
6761.00	75.06	182.49	6474.66	-545.27	-118.87	513.76	558.08	192.30	6.90
6793.00	77.30	181.13	6482.31	-576.33	-119.85	544.09	588.66	191.75	8.13
6825.00	78.75	180.15	6488.94	-607.63	-120.20	574.78	619.40	191.19	5.43
6857.00	80.45	179.39	6494.72	-639.10	-120.07	605.73	650.28	190.64	5.80
6889.00	82.42	178.25	6499.49	-670.73	-119.42	636.94	681.28	190.10	7.09
6920.00	84.83	176.07	6502.93	-701.50	-117.89	667.46	711.34	189.54	10.45
6952.00	86.10	175.19	6505.46	-733.30	-115.46	699.16	742.34	188.95	4.82
6984.00	86.37	174.97	6507.56	-765.12	-112.72	730.93	773.38	188.38	1.09
7016.00	86.71	175.36	6509.49	-796.95	-110.03	762.70	804.51	187.86	1.62
7048.00	86.77	175.68	6511.31	-828.80	-107.54	794.47	835.74	187.39	1.02
7079.00	87.11	175.25	6512.97	-859.66	-105.09	825.24	866.05	186.97	1.77
7111.00	87.72	173.90	6514.41	-891.48	-102.07	857.07	897.30	186.53	4.63
7175.00	89.23	170.93	6516.11	-954.89	-93.62	920.95	959.47	185.60	5.20
7239.00	89.03	169.51	6517.09	-1017.95	-82.75	984.93	1021.31	184.65	2.24
7303.00	88.39	169.22	6518.53	-1080.83	-70.94	1048.91	1083.16	183.76	1.10
7366.00	87.17	167.70	6520.97	-1142.51	-58.35	1111.86	1144.00	182.92	3.09
7430.00	86.91	166.37	6524.27	-1204.79	-44.01	1175.72	1205.60	182.09	2.11
7493.00	86.74	165.55	6527.76	-1265.82	-28.75	1238.52	1266.14	181.30	1.33
7557.00	86.67	166.70	6531.44	-1327.85	-13.43	1302.31	1327.91	180.58	1.80
7621.00	87.92	165.37	6534.46	-1389.88	2.00	1366.13	1389.88	179.92	2.85
7684.00	89.83	167.47	6535.70	-1451.10	16.79	1429.03	1451.20	179.34	4.51
7748.00	91.41	169.16	6535.00	-1513.77	29.75	1493.02	1514.06	178.87	3.61

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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	
7811.00	91.68	167.58	6533.31	-1575.45	42.44	1555.98	1576.02	178.46	2.54
7874.00	91.61	167.75	6531.50	-1636.97	55.89	1618.93	1637.93	178.04	.29
7938.00	91.44	166.58	6529.79	-1699.35	70.11	1682.86	1700.79	177.64	1.85
8002.00	90.00	166.54	6528.99	-1761.59	84.98	1746.78	1763.64	177.24	2.25
8066.00	90.44	166.29	6528.74	-1823.80	100.01	1810.70	1826.54	176.86	.79
8129.00	90.94	166.47	6527.99	-1885.02	114.85	1873.61	1888.52	176.51	.84
8193.00	90.37	166.01	6527.25	-1947.18	130.07	1937.51	1951.52	176.18	1.14
8257.00	89.93	166.45	6527.09	-2009.34	145.30	2001.42	2014.59	175.86	.97
8320.00	90.87	166.58	6526.65	-2070.60	159.99	2064.34	2076.77	175.58	1.51
8384.00	90.47	165.58	6525.90	-2132.72	175.39	2128.24	2139.92	175.30	1.68
8448.00	88.59	164.66	6526.42	-2194.57	191.82	2192.06	2202.93	175.00	3.27
8512.00	88.25	164.30	6528.19	-2256.21	208.94	2255.81	2265.86	174.71	.77
8576.00	88.79	164.65	6529.84	-2317.85	226.06	2319.56	2328.85	174.43	1.01
8639.00	89.73	164.62	6530.65	-2378.59	242.75	2382.34	2390.95	174.17	1.49
8703.00	90.17	165.05	6530.71	-2440.37	259.50	2446.15	2454.12	173.93	.96
8766.00	90.97	164.65	6530.08	-2501.17	275.96	2508.95	2516.35	173.70	1.42
8829.00	90.03	164.44	6529.53	-2561.89	292.75	2571.73	2578.56	173.48	1.53
8893.00	88.55	164.59	6530.33	-2623.56	309.83	2635.50	2641.79	173.26	2.32
8956.00	88.25	164.16	6532.09	-2684.21	326.79	2698.24	2704.03	173.06	.83
9020.00	88.69	164.28	6533.79	-2745.78	344.19	2761.97	2767.26	172.86	.71
9084.00	89.50	164.30	6534.81	-2807.38	361.52	2825.72	2830.56	172.66	1.27
9147.00	90.50	165.17	6534.81	-2868.15	378.11	2888.51	2892.97	172.49	2.10
9210.00	90.10	164.60	6534.48	-2928.97	394.53	2951.32	2955.42	172.33	1.11
9274.00	88.99	164.30	6534.98	-2990.63	411.69	3015.09	3018.83	172.16	1.80
9338.00	88.76	164.65	6536.24	-3052.28	428.82	3078.85	3082.25	172.00	.65
9401.00	89.43	164.78	6537.24	-3113.04	445.42	3141.64	3144.75	171.86	1.08
9465.00	89.13	165.25	6538.04	-3174.86	461.97	3205.46	3208.30	171.72	.87
9529.00	88.59	166.01	6539.31	-3236.85	477.85	3269.31	3271.93	171.60	1.46
9592.00	89.40	166.55	6540.42	-3298.04	492.79	3332.21	3334.65	171.50	1.55
9656.00	90.54	166.51	6540.45	-3360.28	507.70	3396.13	3398.41	171.41	1.78
9719.00	89.80	165.90	6540.26	-3421.46	522.72	3459.04	3461.16	171.31	1.52
9783.00	88.69	164.89	6541.11	-3483.38	538.86	3522.88	3524.82	171.21	2.34
9847.00	88.96	164.63	6542.42	-3545.12	555.68	3586.67	3588.40	171.09	.59
9911.00	88.66	165.28	6543.75	-3606.91	572.28	3650.47	3652.03	170.98	1.12

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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	
9974.00	88.59	164.85	6545.26	-3667.77	588.52	3713.28	3714.68	170.88	.69
10038.00	88.96	165.29	6546.63	-3729.59	605.00	3777.09	3778.34	170.79	.90
10102.00	89.60	164.41	6547.43	-3791.36	621.73	3840.89	3842.00	170.69	1.70
10165.00	89.90	164.16	6547.71	-3852.01	638.79	3903.65	3904.61	170.58	.62
10228.00	89.33	164.05	6548.13	-3912.59	656.04	3966.39	3967.21	170.48	.92
10292.00	88.56	164.90	6549.31	-3974.25	673.17	4030.15	4030.86	170.39	1.79
10356.00	89.33	164.28	6550.49	-4035.94	690.17	4093.92	4094.52	170.30	1.54
10420.00	88.02	165.19	6551.97	-4097.66	707.02	4157.69	4158.21	170.21	2.49
10483.00	87.38	166.07	6554.50	-4158.64	722.64	4220.51	4220.96	170.14	1.73
10547.00	88.05	166.62	6557.05	-4220.78	737.74	4284.38	4284.77	170.09	1.35
10611.00	88.96	166.87	6558.72	-4283.05	752.41	4348.29	4348.64	170.04	1.47
10674.00	89.60	168.08	6559.51	-4344.55	766.07	4411.25	4411.57	170.00	2.17
10738.00	89.09	167.18	6560.24	-4407.06	779.78	4475.22	4475.51	169.97	1.62
10802.00	88.59	166.40	6561.54	-4469.35	794.40	4539.14	4539.40	169.92	1.45
10865.00	87.85	166.28	6563.49	-4530.54	809.27	4602.03	4602.25	169.87	1.19
10929.00	87.55	166.24	6566.06	-4592.66	824.46	4665.88	4666.07	169.82	.47
10992.00	88.52	165.74	6568.22	-4653.74	839.70	4728.74	4728.89	169.77	1.73
11056.00	89.06	166.50	6569.57	-4715.86	855.05	4792.63	4792.75	169.72	1.46
11120.00	88.76	166.15	6570.79	-4778.04	870.18	4856.53	4856.63	169.68	.72
11183.00	89.76	166.73	6571.61	-4839.27	884.95	4919.44	4919.52	169.64	1.83
11247.00	91.08	167.45	6571.14	-4901.65	899.25	4983.39	4983.46	169.60	2.35
11310.00	89.36	165.90	6570.89	-4962.95	913.77	5046.32	5046.37	169.57	3.68
11374.00	89.87	164.79	6571.32	-5024.87	929.96	5110.16	5110.20	169.51	1.91
11438.00	88.99	165.02	6571.96	-5086.65	946.62	5173.97	5173.99	169.46	1.42
11502.00	88.55	165.21	6573.33	-5148.49	963.06	5237.78	5237.79	169.40	.75
11566.00	89.40	165.77	6574.48	-5210.44	979.09	5301.63	5301.63	169.36	1.59
11629.00	89.80	166.36	6574.92	-5271.58	994.26	5364.53	5364.53	169.32	1.13
11693.00	90.40	166.04	6574.81	-5333.74	1009.53	5428.43	5428.43	169.28	1.06
11756.00	89.80	165.84	6574.70	-5394.85	1024.83	5491.32	5491.33	169.24	1.00
11820.00	88.69	165.88	6575.54	-5456.90	1040.47	5555.20	5555.21	169.20	1.74
11884.00	88.83	166.16	6576.93	-5518.99	1055.92	5619.08	5619.10	169.17	.49
11947.00	89.36	166.49	6577.92	-5580.20	1070.82	5681.99	5682.01	169.14	.99
12011.00	90.17	165.79	6578.18	-5642.33	1086.15	5745.89	5745.93	169.10	1.67
12074.00	90.80	165.60	6577.65	-5703.38	1101.71	5808.76	5808.81	169.07	1.04

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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	
12137.00	90.17	166.38	6577.12	-5764.50	1116.96	5871.65	5871.72	169.03	1.59
12201.00	90.20	166.77	6576.91	-5826.75	1131.82	5935.58	5935.66	169.01	.61
12263.00	91.11	167.14	6576.20	-5887.15	1145.82	5997.52	5997.62	168.99	1.58
12327.00	91.56	167.20	6574.71	-5949.53	1160.02	6061.46	6061.57	168.97	.71
12365.00	91.96	166.82	6573.54	-5986.54	1168.56	6099.41	6099.53	168.95	1.45
Strait Line Projection To TD									
12421.00	91.96	166.82	6571.63	-6041.04	1181.32	6155.32	6155.46	168.94	.00

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