

103-02612

Job Number: 23D0611092

Company: Stone Energy

Lease/Well: Nice Talkington #1 H

Location: Mary Prospect

Rig Name: Saxon 141

RKB: 18

G.L. or M.S.L.: 1300

State/Country: West Virginia

Declination: -8.4

Grid: 0.85

File name: D:\WINSERVE\TN#1H.SVY

Date/Time: 23-Jun-11 / 13:19

Curve Name: Talkington Nice #1H As Drilled

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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WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section		CLOSURE		Dogleg Severity Deg/100	
				N-S FT	E-W FT	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	GEOLOGICAL SURVEY		Vertical Section FT	CLOSURE		Dogleg Severity Deg/100	
			WV True Vertical Depth	N-S FT		E-W FT	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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WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	WV GEOLOGICAL SURVEY MORGANTOWN, WV		Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
				N-S FT	E-W FT		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

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth			Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
				N-S FT	E-W FT		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

RECEIVED

MAR 22 2012

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	WV GEOLOGICAL SURVEY MORGANTOWN, WV		Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
				N-S FT	E-W FT		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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FEB 28 2012

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S SURVEY		Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
				N-S FT	E-W FT		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