



Stone Energy Corporation

Mary Prospect
Erlewine Pad
Erlewine 8H - Slot 8H

OH

Design: 8H As Drilled

Standard Survey Report

30 December, 2014



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06/02/2017



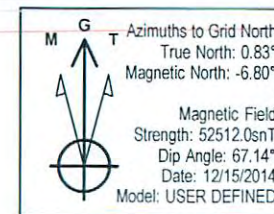
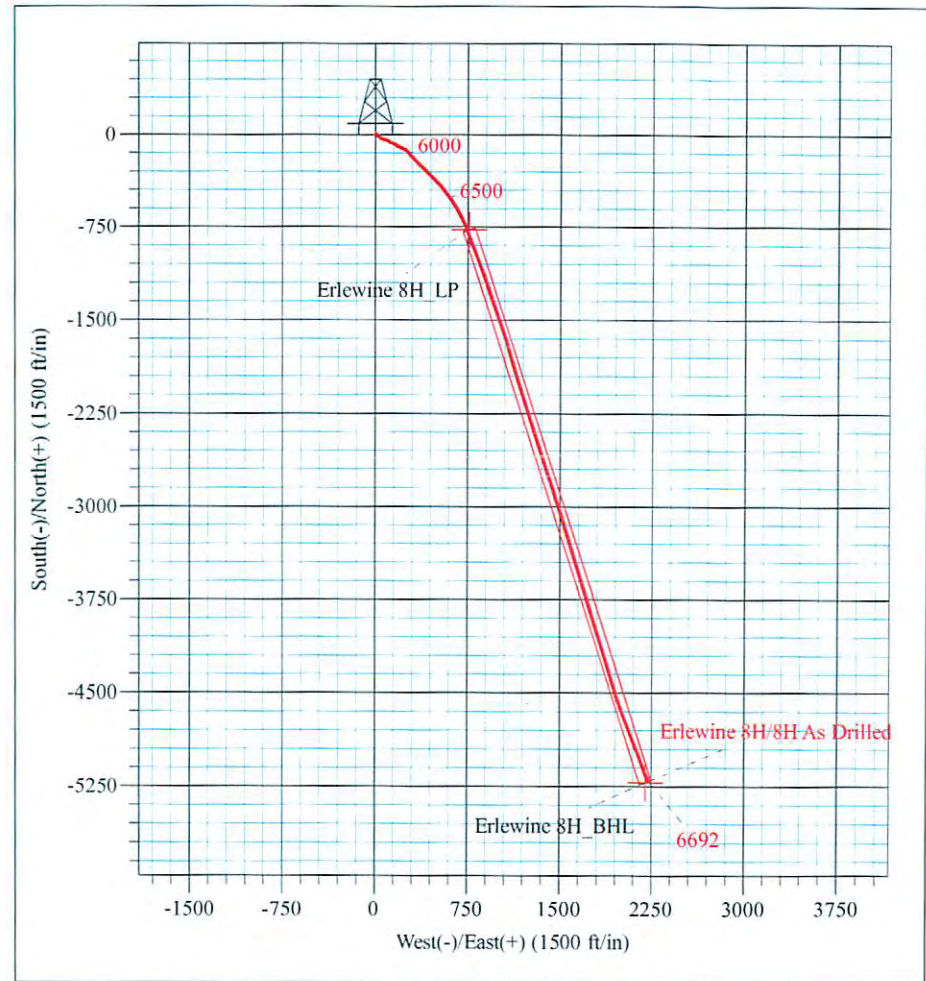
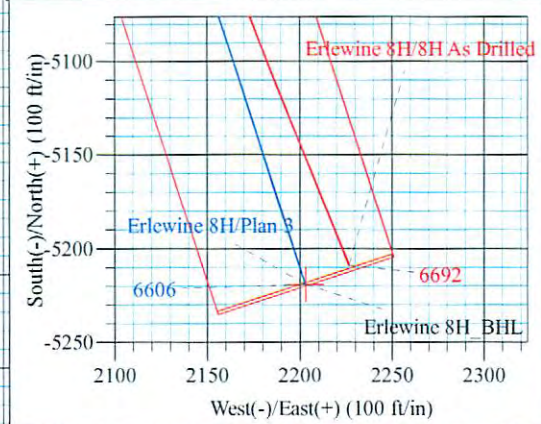
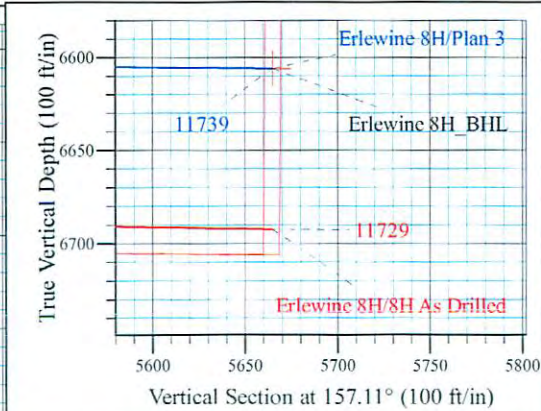
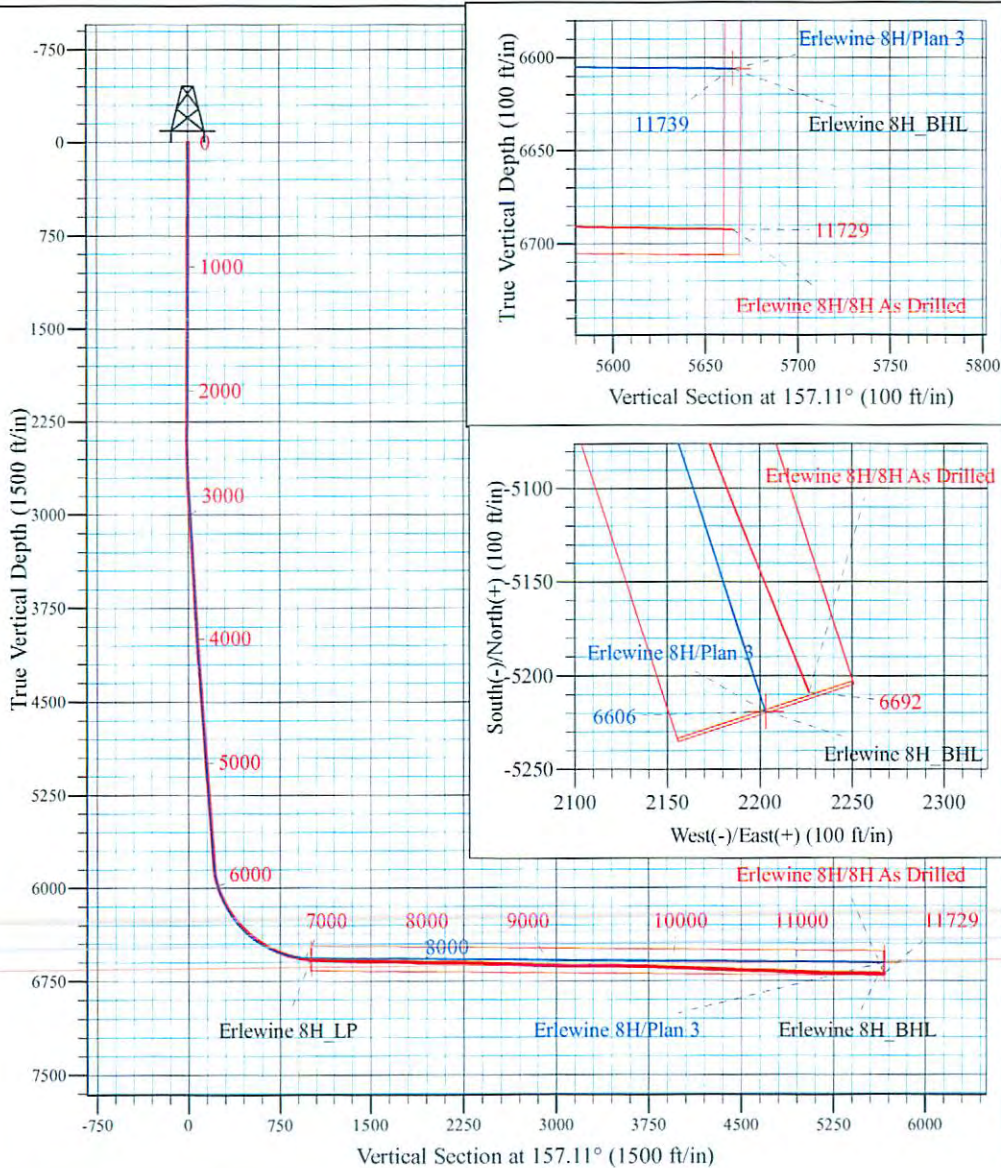
Erlewine Pad
 Erlewine 8H
 Plan 3
 GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
 Mary Prospect

PROJECT DETAILS:
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: West Virginia North 4701
 System Datum: Mean Sea Level



WELL DETAILS: Erlewine 8H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	433648.00	1634887.00	39° 41' 0.149 N	80° 47' 50.396 W



Shane Rhodes
 9:41, December 30 2014
 Scientific Drilling International
 124 Vista Drive
 Charleroi, PA 15022



Scientific Drilling International
Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 8H - Slot 8H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	8H As Drilled	Database:	Northeast District

Project	Mary Prospect, Wetzel County, West Virginia		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	West Virginia North 4701		

Site	Erlewine Pad				
Site Position:		Northing:	433,674.00 usft	Latitude:	39° 41' 0.404 N
From:	Map	Easting:	1,634,878.00 usft	Longitude:	80° 47' 50.515 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.83 °

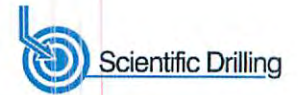
Well	Erlewine 8H - Slot 8H					
Well Position	+N/-S	0.00 ft	Northing:	433,648.00 usft	Latitude:	39° 41' 0.149 N
	+E/-W	0.00 ft	Easting:	1,634,887.00 usft	Longitude:	80° 47' 50.396 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	1,212.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	6/17/2014	-7.62	67.17	52,580
	User Defined	6/21/2014	7.61	67.17	52,568
	User Defined	11/17/2014	-7.63	67.14	52,522
	User Defined	12/15/2014	-7.63	67.14	52,512

Design	8H As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00		157.11

Survey Program	Date	12/30/2014			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
18.00	2,392.00	Survey 1 - Vaughn Gyro (OH)	VES GyroFlex		
2,497.00	11,729.00	Survey 2 - SDI MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ground Level										
108.00	0.27	56.53	108.00	0.12	0.18	-0.04	0.30	0.30	0.00	0.00
First VES Gyro @ 108 MD										
208.00	0.50	62.74	208.00	0.45	0.76	-0.12	0.23	0.23	6.21	6.21
308.00	0.50	67.08	307.99	0.82	1.55	-0.15	0.04	0.00	4.34	4.34



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Well:	Erlewine 8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	8H As Drilled	Database:	Northeast District

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
408.00	0.51	75.84	407.99	1.10	2.38	-0.08	0.08	0.01	8.76	
508.00	0.44	53.83	507.99	1.43	3.13	-0.10	0.19	-0.07	-22.01	
608.00	0.41	54.06	607.98	1.87	3.73	-0.27	0.03	-0.03	0.23	
708.00	0.47	50.34	707.98	2.34	4.33	-0.47	0.07	0.06	-3.72	
808.00	0.30	59.79	807.98	2.73	4.87	-0.62	0.18	-0.17	9.45	
908.00	0.27	37.78	907.98	3.05	5.24	-0.77	0.11	-0.03	-22.01	
1,008.00	0.21	21.42	1,007.98	3.41	5.45	-1.02	0.09	-0.06	-16.36	
1,108.00	0.21	13.53	1,107.98	3.76	5.56	-1.30	0.03	0.00	-7.89	
1,208.00	0.24	4.77	1,207.97	4.14	5.62	-1.63	0.05	0.03	-8.76	
1,308.00	0.16	11.02	1,307.97	4.49	5.67	-1.93	0.08	-0.08	6.25	
1,408.00	0.36	18.40	1,407.97	4.92	5.79	-2.28	0.20	0.20	7.38	
1,508.00	0.27	12.81	1,507.97	5.45	5.95	-2.71	0.09	-0.09	-5.59	
1,608.00	0.36	14.33	1,607.97	5.99	6.08	-3.15	0.09	0.09	1.52	
1,708.00	0.43	18.16	1,707.97	6.65	6.27	-3.69	0.07	0.07	3.83	
1,808.00	0.33	22.14	1,807.97	7.27	6.50	-4.17	0.10	-0.10	3.98	
1,908.00	0.26	19.40	1,907.96	7.75	6.68	-4.54	0.07	-0.07	-2.74	
2,008.00	0.41	11.67	2,007.96	8.32	6.83	-5.01	0.16	0.15	-7.73	
2,108.00	0.25	4.61	2,107.96	8.88	6.92	-5.49	0.16	-0.16	-7.06	
2,208.00	0.30	12.39	2,207.96	9.36	6.99	-5.90	0.06	0.05	7.78	
2,308.00	0.54	347.03	2,307.96	10.07	6.94	-6.58	0.30	0.24	-25.36	
2,392.00	0.48	328.89	2,391.95	10.76	6.67	-7.32	0.20	-0.07	-21.60	
Last VES Gyro @ 2392 MD										
2,497.00	0.17	267.53	2,496.95	11.13	6.29	-7.81	0.41	-0.30	-58.44	
First SDI MWD Survey @ 2497 MD										
2,591.00	1.40	156.83	2,590.94	10.07	6.60	-6.71	1.56	1.31	-117.77	
2,685.00	2.58	155.40	2,684.88	7.09	7.93	-3.44	1.26	1.26	-1.52	
2,779.00	3.72	153.07	2,778.74	2.44	10.20	1.71	1.22	1.21	-2.48	
2,873.00	3.67	151.30	2,872.55	-2.91	13.02	7.75	0.13	-0.05	-1.88	
2,967.00	4.16	138.11	2,966.33	-8.09	16.74	13.96	1.09	0.52	-14.03	
3,061.00	4.20	130.89	3,060.08	-12.88	21.62	20.28	0.56	0.04	-7.68	
3,155.00	4.22	124.17	3,153.83	-17.08	27.09	26.27	0.52	0.02	-7.15	
3,249.00	4.19	118.38	3,247.57	-20.65	32.97	31.85	0.45	-0.03	-6.16	
3,344.00	4.68	116.10	3,342.29	-24.01	39.50	37.48	0.55	0.52	-2.40	
3,437.00	4.69	112.67	3,434.98	-27.14	46.42	43.06	0.30	0.01	-3.69	
3,532.00	5.59	114.42	3,529.59	-30.55	54.21	49.23	0.96	0.95	1.84	
3,628.00	5.51	108.36	3,625.15	-33.94	62.85	55.70	0.62	-0.08	-6.31	
3,721.00	5.20	106.68	3,717.74	-36.55	71.12	61.33	0.37	-0.33	-1.81	
3,816.00	4.24	101.21	3,812.42	-38.47	78.69	66.04	1.11	-1.01	-5.76	
3,910.00	4.43	109.19	3,906.15	-40.34	85.53	70.42	0.67	0.20	8.49	
4,004.00	4.94	106.74	3,999.83	-42.70	92.83	75.44	0.58	0.54	-2.61	
4,098.00	4.93	116.70	4,093.49	-45.68	100.32	81.09	0.91	-0.01	10.60	
4,192.00	5.48	127.63	4,187.10	-50.23	107.48	88.08	1.20	0.59	11.63	
4,286.00	5.31	129.25	4,280.69	-55.73	114.40	95.83	0.24	-0.18	1.72	

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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	8H As Drilled	Database:	Northeast District

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,380.00	4.78	122.00	4,374.32	-60.55	121.09	102.88	0.88	-0.56	-7.71	
4,475.00	5.05	110.34	4,468.98	-64.11	128.37	108.98	1.09	0.28	-12.27	
4,568.00	5.38	109.03	4,561.59	-66.95	136.33	114.70	0.38	0.35	-1.41	
4,662.00	5.48	114.70	4,655.17	-70.26	144.57	120.95	0.58	0.11	6.03	
4,756.00	5.75	120.08	4,748.72	-74.50	152.73	128.03	0.63	0.29	5.72	
4,850.00	5.00	121.34	4,842.30	-78.99	160.30	135.11	0.81	-0.80	1.34	
4,945.00	4.93	122.64	4,936.95	-83.34	167.27	141.83	0.14	-0.07	1.37	
5,039.00	5.14	119.90	5,030.59	-87.62	174.32	148.52	0.34	0.22	-2.91	
5,134.00	6.00	118.12	5,125.14	-92.08	182.39	155.76	0.92	0.91	-1.87	
5,228.00	5.73	118.73	5,218.64	-96.65	190.84	163.26	0.29	-0.29	0.65	
5,322.00	4.95	117.60	5,312.24	-100.79	198.55	170.07	0.84	-0.83	-1.20	
5,416.00	5.33	116.16	5,405.86	-104.59	206.06	176.49	0.43	0.40	-1.53	
5,511.00	6.10	114.71	5,500.38	-108.65	214.61	183.55	0.82	0.81	-1.53	
5,605.00	5.71	114.61	5,593.89	-112.68	223.40	190.69	0.42	-0.41	-0.11	
5,699.00	5.51	115.20	5,687.44	-116.55	231.73	197.49	0.22	-0.21	0.63	
5,787.00	5.22	111.70	5,775.05	-119.83	239.27	203.45	0.50	-0.33	-3.98	
5,818.00	4.63	114.85	5,805.94	-120.88	241.72	205.36	2.09	-1.90	10.16	
5,848.00	5.74	119.56	5,835.81	-122.13	244.12	207.45	3.96	3.70	15.70	
5,879.00	7.88	127.49	5,866.59	-124.19	247.16	210.53	7.52	6.90	25.58	
5,909.00	10.65	133.85	5,896.20	-127.36	250.79	214.86	9.83	9.23	21.20	
5,940.00	13.62	136.90	5,926.50	-132.01	255.35	220.92	9.80	9.58	9.84	
5,970.00	16.04	137.87	5,955.50	-137.66	260.54	228.15	8.11	8.07	3.23	
6,000.00	18.39	138.84	5,984.16	-144.30	266.44	236.56	7.89	7.83	3.23	
6,031.00	20.52	137.75	6,013.38	-152.00	273.31	246.33	6.97	6.87	-3.52	
6,061.00	22.92	138.11	6,041.25	-160.25	280.75	256.81	8.01	8.00	1.20	
6,090.00	24.65	138.53	6,067.79	-168.98	288.52	267.88	5.99	5.97	1.45	
6,120.00	27.02	138.83	6,094.79	-178.80	297.16	280.29	7.91	7.90	1.00	
6,151.00	29.50	138.17	6,122.09	-189.79	306.88	294.19	8.06	8.00	-2.13	
6,182.00	32.08	137.72	6,148.72	-201.57	317.51	309.18	8.36	8.32	-1.45	
6,212.00	33.75	135.93	6,173.90	-213.45	328.67	324.47	6.44	5.57	-5.97	
6,242.00	36.35	134.87	6,198.46	-225.72	340.77	340.47	8.90	8.67	-3.53	
6,272.00	39.11	135.20	6,222.19	-238.70	353.74	357.48	9.22	9.20	1.10	
6,302.00	41.20	135.15	6,245.11	-252.42	367.38	375.42	6.97	6.97	-0.17	
6,333.00	43.19	134.29	6,268.08	-267.07	382.17	394.67	6.68	6.42	-2.77	
6,363.00	44.86	134.06	6,289.65	-281.60	397.13	413.87	5.59	5.57	-0.77	
6,393.00	46.95	132.59	6,310.52	-296.38	412.80	433.58	7.80	6.97	-4.90	
6,423.00	48.74	132.64	6,330.66	-311.44	429.17	453.82	5.97	5.97	0.17	
6,453.00	50.51	133.28	6,350.09	-327.01	445.89	474.67	6.12	5.90	2.13	
6,484.00	52.10	134.84	6,369.47	-343.84	463.27	496.93	6.46	5.13	5.03	
6,514.00	54.45	136.03	6,387.41	-360.97	480.14	519.28	8.45	7.83	3.97	
6,546.00	55.98	137.16	6,405.67	-380.06	498.20	543.89	5.59	4.78	3.53	
6,577.00	57.80	139.23	6,422.60	-399.42	515.50	568.45	8.11	5.87	6.68	
6,609.00	58.92	140.30	6,439.39	-420.22	533.10	594.46	4.51	3.50	3.34	
6,641.00	59.66	140.85	6,455.73	-441.47	550.57	620.83	2.74	2.31	1.72	



Scientific Drilling International
Survey Report



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Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
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Well:	Erlewine 8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	8H As Drilled	Database:	Northeast District

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,673.00	60.73	141.65	6,471.63	-463.13	567.95	647.54	3.99	3.34	2.50
6,704.00	63.22	143.63	6,486.20	-484.88	584.55	674.03	9.81	8.03	6.39
6,736.00	66.08	145.14	6,499.90	-508.39	601.38	702.24	9.90	8.94	4.72
6,768.00	68.98	147.37	6,512.13	-532.97	617.80	731.27	11.12	9.06	6.97
6,800.00	70.59	148.16	6,523.19	-558.37	633.82	760.90	5.54	5.03	2.47
6,831.00	72.02	149.26	6,533.12	-583.47	649.06	789.95	5.71	4.61	3.55
6,863.00	73.37	150.88	6,542.64	-609.94	664.31	820.27	6.42	4.22	5.06
6,895.00	75.25	152.16	6,551.30	-637.02	678.99	850.93	7.02	5.88	4.00
6,927.00	77.04	153.58	6,558.96	-664.67	693.16	881.91	7.06	5.59	4.44
6,959.00	79.00	154.69	6,565.60	-692.84	706.81	913.17	7.00	6.13	3.47
6,991.00	82.17	156.75	6,570.84	-721.61	719.79	944.72	11.77	9.91	6.44
7,022.00	85.03	158.15	6,574.29	-750.06	731.60	975.53	10.26	9.23	4.52
7,054.00	87.05	159.58	6,576.50	-779.83	743.11	1,007.43	7.73	6.31	4.47
7,086.00	87.25	159.53	6,578.09	-809.78	754.27	1,039.36	0.64	0.63	-0.16
7,149.00	88.09	159.07	6,580.65	-868.66	776.53	1,102.26	1.52	1.33	-0.73
7,213.00	88.22	159.08	6,582.71	-928.41	799.37	1,166.19	0.20	0.20	0.02
7,276.00	88.42	158.40	6,584.56	-987.10	822.20	1,229.14	1.12	0.32	-1.08
7,340.00	88.29	157.93	6,586.40	-1,046.48	846.00	1,293.10	0.76	-0.20	-0.73
7,404.00	87.69	159.88	6,588.64	-1,106.15	869.02	1,357.03	3.19	-0.94	3.05
7,467.00	87.95	161.54	6,591.04	-1,165.57	889.81	1,419.86	2.67	0.41	2.63
7,530.00	89.46	162.12	6,592.46	-1,225.41	909.45	1,482.63	2.57	2.40	0.92
7,594.00	89.87	160.33	6,592.84	-1,286.00	930.05	1,546.46	2.87	0.64	-2.80
7,656.00	90.20	159.97	6,592.80	-1,344.32	951.10	1,608.37	0.79	0.53	-0.58
7,720.00	89.06	160.78	6,593.21	-1,404.60	972.60	1,672.26	2.19	-1.78	1.27
7,782.00	88.79	160.10	6,594.38	-1,463.01	993.35	1,734.15	1.18	-0.44	-1.10
7,845.00	87.85	160.56	6,596.22	-1,522.31	1,014.55	1,797.02	1.66	-1.49	0.73
7,909.00	87.99	160.89	6,598.55	-1,582.68	1,035.66	1,860.85	0.56	0.22	0.52
7,972.00	88.39	162.60	6,600.54	-1,642.48	1,055.38	1,923.61	2.79	0.63	2.71
8,036.00	89.09	164.41	6,601.94	-1,703.82	1,073.55	1,987.20	3.03	1.09	2.83
8,099.00	89.66	164.40	6,602.63	-1,764.50	1,090.49	2,049.68	0.90	0.90	-0.02
8,163.00	89.77	163.77	6,602.95	-1,826.05	1,108.04	2,113.21	1.00	0.17	-0.98
8,227.00	90.20	163.70	6,602.97	-1,887.48	1,125.96	2,176.78	0.68	0.67	-0.11
8,290.00	89.63	162.80	6,603.06	-1,947.81	1,144.12	2,239.42	1.69	-0.90	-1.43
8,354.00	89.33	161.98	6,603.64	-2,008.81	1,163.48	2,303.15	1.36	-0.47	-1.28
8,417.00	88.36	161.80	6,604.91	-2,068.67	1,183.06	2,365.91	1.57	-1.54	-0.29
8,480.00	87.92	161.58	6,606.96	-2,128.45	1,202.84	2,428.68	0.78	-0.70	-0.35
8,544.00	88.35	161.14	6,609.04	-2,189.06	1,223.28	2,492.47	0.96	0.67	-0.69
8,607.00	88.79	161.30	6,610.61	-2,248.69	1,243.56	2,555.29	0.74	0.70	0.25
8,671.00	88.02	161.73	6,612.39	-2,309.36	1,263.84	2,619.08	1.38	-1.20	0.67
8,734.00	87.62	162.66	6,614.79	-2,369.30	1,283.09	2,681.78	1.61	-0.63	1.48
8,798.00	87.92	162.86	6,617.28	-2,430.38	1,302.05	2,745.42	0.56	0.47	0.31
8,862.00	87.55	162.34	6,619.81	-2,491.40	1,321.17	2,809.08	1.00	-0.58	-0.81
8,925.00	87.75	161.85	6,622.39	-2,551.30	1,340.52	2,871.79	0.84	0.32	-0.78



Scientific Drilling International
Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 8H - Slot 8H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	8H As Drilled	Database:	Northeast District

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,989.00	88.02	161.31	6,624.75	-2,611.98	1,360.73	2,935.55	0.94	0.42	-0.84
9,052.00	88.56	162.22	6,626.63	-2,671.79	1,380.44	2,998.32	1.68	0.86	1.44
9,116.00	89.33	162.14	6,627.81	-2,732.71	1,400.02	3,062.05	1.21	1.20	-0.13
9,180.00	89.97	162.23	6,628.20	-2,793.64	1,419.60	3,125.80	1.01	1.00	0.14
9,243.00	90.57	161.76	6,627.91	-2,853.55	1,439.07	3,188.57	1.21	0.95	-0.75
9,307.00	90.91	161.71	6,627.08	-2,914.32	1,459.13	3,252.36	0.54	0.53	-0.08
9,371.00	89.90	162.04	6,626.63	-2,975.15	1,479.04	3,316.14	1.66	-1.58	0.52
9,435.00	89.56	163.51	6,626.93	-3,036.27	1,497.99	3,379.82	2.36	-0.53	2.30
9,498.00	90.37	162.73	6,626.97	-3,096.56	1,516.28	3,442.47	1.78	1.29	-1.24
9,562.00	88.99	162.50	6,627.32	-3,157.63	1,535.40	3,506.18	2.19	-2.16	-0.36
9,626.00	87.75	162.60	6,629.14	-3,218.66	1,554.59	3,569.86	1.94	-1.94	0.16
9,689.00	88.29	162.93	6,631.32	-3,278.79	1,573.24	3,632.52	1.00	0.86	0.52
9,753.00	89.03	162.96	6,632.82	-3,339.96	1,592.01	3,696.17	1.16	1.16	0.05
9,816.00	87.82	162.85	6,634.55	-3,400.16	1,610.52	3,758.82	1.93	-1.92	-0.17
9,880.00	87.38	162.48	6,637.23	-3,461.19	1,629.57	3,822.47	0.90	-0.69	-0.58
9,944.00	88.12	162.20	6,639.74	-3,522.13	1,648.97	3,886.15	1.24	1.16	-0.44
10,007.00	88.79	162.82	6,641.44	-3,582.20	1,667.90	3,948.85	1.45	1.06	0.98
10,070.00	88.05	163.58	6,643.18	-3,642.48	1,686.10	4,011.47	1.68	-1.17	1.21
10,134.00	87.38	164.01	6,645.73	-3,703.89	1,703.95	4,074.98	1.24	-1.05	0.67
10,198.00	87.55	163.51	6,648.56	-3,765.28	1,721.83	4,138.49	0.82	0.27	-0.78
10,262.00	87.79	163.19	6,651.16	-3,826.54	1,740.15	4,202.06	0.62	0.38	-0.50
10,325.00	87.75	162.67	6,653.61	-3,886.72	1,758.63	4,264.69	0.83	-0.06	-0.83
10,388.00	87.52	162.30	6,656.21	-3,946.75	1,777.57	4,327.36	0.69	-0.37	-0.59
10,450.00	87.25	161.62	6,659.04	-4,005.64	1,796.75	4,389.07	1.18	-0.44	-1.10
10,513.00	87.99	161.66	6,661.66	-4,065.38	1,816.58	4,451.82	1.18	1.17	0.06
10,577.00	88.49	162.53	6,663.62	-4,126.25	1,836.25	4,515.55	1.57	0.78	1.36
10,641.00	88.76	162.80	6,665.16	-4,187.33	1,855.31	4,579.23	0.60	0.42	0.42
10,703.00	89.33	162.59	6,666.19	-4,246.51	1,873.75	4,640.93	0.98	0.92	-0.34
10,766.00	88.12	161.81	6,667.59	-4,306.48	1,893.00	4,703.66	2.28	-1.92	-1.24
10,830.00	87.59	162.37	6,669.99	-4,367.34	1,912.67	4,767.38	1.20	-0.83	0.88
10,893.00	87.55	162.98	6,672.66	-4,427.42	1,931.41	4,830.02	0.97	-0.06	0.97
10,957.00	87.55	162.54	6,675.40	-4,488.49	1,950.37	4,893.65	0.69	0.00	-0.69
11,020.00	86.98	161.42	6,678.40	-4,548.33	1,969.83	4,956.35	1.99	-0.90	-1.78
11,084.00	87.79	161.44	6,681.32	-4,608.94	1,990.19	5,020.11	1.27	1.27	0.03
11,147.00	88.12	159.48	6,683.57	-4,668.27	2,011.25	5,082.96	3.15	0.52	-3.11
11,211.00	88.05	157.71	6,685.71	-4,727.82	2,034.59	5,146.90	2.77	-0.11	-2.77
11,274.00	89.46	157.61	6,687.08	-4,786.07	2,058.53	5,209.88	2.24	2.24	-0.16
11,338.00	90.20	158.03	6,687.27	-4,845.34	2,082.69	5,273.87	1.33	1.16	0.66
11,402.00	89.90	158.20	6,687.21	-4,904.72	2,106.55	5,337.86	0.54	-0.47	0.27
11,465.00	89.43	158.60	6,687.58	-4,963.30	2,129.74	5,400.84	0.98	-0.75	0.63
11,529.00	89.13	158.91	6,688.39	-5,022.94	2,152.93	5,464.81	0.67	-0.47	0.48
11,593.00	88.63	159.01	6,689.64	-5,082.67	2,175.90	5,528.77	0.80	-0.78	0.16
11,656.00	88.99	157.89	6,690.95	-5,141.25	2,199.04	5,591.73	1.87	0.57	-1.78



Scientific Drilling International
Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 8H - Slot 8H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	8H As Drilled	Database:	Northeast District

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Last SDI MWD Survey @ 11656 MD									
11,729.00	88.99	157.89	6,692.23	-5,208.87	2,226.51	5,664.72	0.00	0.00	0.00
Projection to Bit @ 11729 MD									

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
18.00	18.00	0.00	0.00	Ground Level	
108.00	108.00	0.12	0.18	First VES Gyro @ 108 MD	
2,392.00	2,391.95	10.76	6.67	Last VES Gyro @ 2392 MD	
2,497.00	2,496.95	11.13	6.29	First SDI MWD Survey @ 2497 MD	
11,656.00	6,690.95	-5,141.25	2,199.04	Last SDI MWD Survey @ 11656 MD	
11,729.00	6,692.23	-5,208.87	2,226.51	Projection to Bit @ 11729 MD	

Checked By: _____ Approved By: _____ Date: _____