

Job Number: 230914DEF204198

State/Country: WV/US

Company: Stone Energy

Declination: -7.63

Lease/Well: Conley 7H

Grid: .82

Location: Conley Pad

File name: D:\WINSERVE\CONLEY7H.SVY

Rig Name: Highlands 2

Date/Time: 02-Oct-14 / 02:18

RKB: 10

Curve Name: Conley 7H As Drilled

G.L. or M.S.L.: 855

Conley 7H As Drilled

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 330.21
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 Severi Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10.00	.00	.00	10.00	.00	.00	.00	.00	.00	.00
100.00	.29	27.84	100.00	.20	.11	.12	.23	27.84	.00
200.00	.30	28.18	200.00	.66	.35	.40	.74	27.96	.00
300.00	.37	88.53	300.00	.90	.79	.38	1.20	41.60	.00
400.00	.33	95.27	399.99	.88	1.40	.06	1.66	58.02	.00
500.00	.34	96.18	499.99	.82	1.99	-.28	2.15	67.60	.00
600.00	.34	82.80	599.99	.82	2.58	-.56	2.70	72.26	.00
700.00	.19	60.53	699.99	.94	3.01	-.68	3.16	72.64	.00
800.00	.15	27.19	799.99	1.14	3.22	-.61	3.41	70.49	.00
900.00	.21	35.77	899.99	1.41	3.39	-.46	3.67	67.45	.00
1000.00	.21	52.35	999.99	1.67	3.64	-.36	4.00	65.39	.00

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogle Severi Deg/100
							Distance FT	Direction Deg	
1100.00	.32	32.85	1099.99	2.01	3.93	-.21	4.42	62.90	
1119.00	.40	28.45	1118.99	2.12	3.99	-.15	4.52	62.09	
1200.00	.46	33.73	1199.99	2.63	4.31	.15	5.05	58.56	
1300.00	.53	49.32	1299.98	3.27	4.88	.41	5.88	56.19	
1400.00	.34	26.31	1399.98	3.84	5.37	.66	6.60	54.43	
1500.00	.69	39.39	1499.97	4.57	5.88	1.04	7.45	52.15	
1600.00	.66	44.95	1599.97	5.44	6.67	1.41	8.61	50.78	
1620.00	.59	50.08	1619.97	5.59	6.83	1.46	8.82	50.70	
1700.00	.53	41.00	1699.96	6.13	7.39	1.65	9.60	50.30	
1800.00	.20	72.77	1799.96	6.53	7.86	1.77	10.22	50.25	
1900.00	.39	114.63	1899.96	6.44	8.33	1.45	10.53	52.29	
2000.00	.59	117.87	1999.96	6.06	9.10	.74	10.93	56.33	
2100.00	.50	115.13	2099.95	5.63	9.95	-.05	11.43	60.47	
2200.00	.63	117.12	2199.95	5.20	10.83	-.87	12.02	64.36	
Last Gyro Surveys-BLC									
2217.00	.52	112.61	2216.95	5.13	10.99	-1.01	12.12	64.98	
2267.00	.48	80.75	2266.94	5.07	11.40	-1.26	12.48	66.02	
2362.00	1.03	342.87	2361.94	5.95	11.54	-.57	12.99	62.72	
2456.00	2.60	339.84	2455.89	8.76	10.56	2.36	13.72	50.32	
2550.00	2.74	343.36	2549.79	12.92	9.18	6.65	15.85	35.41	
2644.00	2.94	350.41	2643.67	17.45	8.14	11.10	19.25	25.01	
2738.00	3.85	1.96	2737.51	22.98	7.84	16.04	24.28	18.85	
2832.00	4.72	6.18	2831.24	29.98	8.37	21.86	31.12	15.60	
2926.00	5.70	12.43	2924.85	38.38	9.79	28.44	39.61	14.31	
3020.00	5.49	11.07	3018.41	47.35	11.66	35.30	48.77	13.83	
3114.00	5.43	20.20	3111.98	55.94	14.06	41.56	57.68	14.11	
3209.00	5.42	20.68	3206.56	64.35	17.19	47.31	66.61	14.96	
3303.00	4.82	14.90	3300.18	72.32	19.78	52.94	74.98	15.29	
3397.00	4.90	24.67	3393.84	79.79	22.47	58.08	82.89	15.73	
BLC									
3492.00	5.08	26.98	3488.48	87.22	26.07	62.75	91.04	16.64	
3586.00	4.82	22.78	3582.13	94.57	29.49	67.43	99.06	17.32	

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogle Severi Deg/100
							Distance FT	Direction Deg	
3680.00	4.56	20.67	3675.82	101.71	32.33	72.21	106.73	17.64	..
3775.00	4.98	23.68	3770.49	109.02	35.32	77.07	114.60	17.95	..
3869.00	4.87	21.26	3864.14	116.48	38.41	82.00	122.65	18.25	..
3963.00	4.47	17.43	3957.83	123.69	40.95	87.00	130.29	18.32	..
4058.00	4.07	12.93	4052.57	130.51	42.82	91.99	137.35	18.16	..
4152.00	4.14	24.59	4146.33	136.84	44.97	96.42	144.05	18.19	..
BLC									
4245.00	5.17	25.22	4239.02	143.69	48.16	100.77	151.54	18.53	1.
4340.00	5.20	22.10	4333.63	151.55	51.60	105.89	160.09	18.80	..
4436.00	4.67	18.19	4429.28	159.29	54.46	111.19	168.34	18.87	..
4530.00	5.52	23.66	4522.90	167.07	57.47	116.44	176.68	18.98	1.0
4624.00	5.67	23.76	4616.46	175.46	61.15	121.89	185.81	19.21	..
4719.00	5.56	20.44	4711.00	184.07	64.65	127.62	195.09	19.35	..
4812.00	5.27	18.66	4803.58	192.34	67.59	133.34	203.87	19.36	..
4906.00	5.67	24.84	4897.16	200.64	70.92	138.89	212.81	19.47	..
5000.00	5.94	23.27	4990.68	209.32	74.79	144.50	222.28	19.66	..
5094.00	6.00	22.36	5084.17	218.33	78.58	150.44	232.05	19.80	..
5188.00	6.01	20.70	5177.65	227.48	82.19	156.58	241.87	19.87	..
5282.00	5.99	18.43	5271.14	236.74	85.48	162.98	251.70	19.85	..
BTM Line CK.									
5377.00	5.96	17.21	5365.62	246.15	88.51	169.65	261.58	19.78	..
Proj. To Bit									
5447.00	5.96	17.21	5435.24	253.09	90.66	174.61	268.84	19.71	..