



DrillRight Survey Report

TECHNOLOGY, INC.

Company: SandRidge Energy

Location: Harper County, KS

Well: Turner 3406 1-7H

Rig: Lariat 39

API or UWI: 15077218680100

Job Number: DR1209149

State: KS

Operator: Matt Stanaland/Cory Turner

County: Harper

Magnetic Declination: 0.00

Comment

Proposed Azimuth: 359.27

North Reference: GRID

Tiein Survey Data:

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
1019.00	0.60	359.30	1018.98	5.34	-0.07	359.30	5.34	5.34	0.06
1496.00	0.70	329.10	1495.95	10.33	-1.59	351.24	10.45	10.35	0.07
1972.00	0.50	22.50	1971.93	14.75	-2.29	351.17	14.92	14.77	0.12
2448.00	0.60	12.80	2447.91	19.10	-0.94	357.17	19.12	19.11	0.03
2924.00	0.50	85.20	2923.89	21.70	1.68	4.42	21.76	21.68	0.14
3400.00	0.30	131.90	3399.88	21.04	4.68	12.53	21.55	20.98	0.08
3725.00	0.90	190.70	3724.86	17.96	4.83	15.06	18.60	17.90	0.24
3749.00	0.70	194.30	3748.86	17.64	4.76	15.11	18.27	17.58	0.86
3781.00	0.60	4.30	3780.86	17.62	4.73	15.02	18.24	17.55	4.05
3812.00	3.60	10.30	3811.84	18.74	4.91	14.70	19.37	18.67	9.69
3844.00	6.80	5.40	3843.70	21.61	5.27	13.71	22.24	21.54	10.09
3876.00	9.20	0.80	3875.39	26.05	5.49	11.89	26.63	25.98	7.76
3908.00	11.00	357.10	3906.89	31.66	5.37	9.62	32.11	31.59	5.98
3939.00	12.70	355.40	3937.23	38.01	4.94	7.41	38.33	37.95	5.60
3971.00	14.90	356.40	3968.30	45.63	4.40	5.51	45.84	45.57	6.92
4003.00	16.80	357.90	3999.08	54.35	3.98	4.18	54.50	54.30	6.07
4035.00	19.40	359.80	4029.50	64.29	3.79	3.37	64.40	64.24	8.33
4067.00	22.40	0.30	4059.39	75.71	3.80	2.87	75.80	75.65	9.39
4098.00	25.20	0.00	4087.75	88.22	3.83	2.49	88.30	88.16	9.04

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
4130.00	27.70	0.10	4116.40	102.47	3.85	2.15	102.54	102.41	7.81
4162.00	29.80	359.10	4144.45	117.86	3.73	1.81	117.92	117.80	6.73
4193.00	31.90	358.80	4171.06	133.75	3.44	1.47	133.79	133.70	6.79
4225.00	34.50	358.50	4197.84	151.27	3.03	1.15	151.30	151.21	8.14
4257.00	36.60	358.30	4223.87	169.86	2.51	0.85	169.88	169.82	6.57
4289.00	38.10	358.40	4249.31	189.27	1.95	0.59	189.28	189.23	4.69
4320.00	38.80	359.40	4273.59	208.54	1.58	0.43	208.55	208.50	3.02
4352.00	40.70	359.80	4298.19	229.00	1.44	0.36	229.01	228.96	5.99
4384.00	42.70	359.90	4322.08	250.29	1.38	0.32	250.29	250.25	6.25
4416.00	44.50	0.00	4345.25	272.35	1.36	0.29	272.36	272.31	5.63
4448.00	46.80	359.30	4367.62	295.23	1.22	0.24	295.24	295.19	7.36
4479.00	49.20	358.60	4388.36	318.27	0.80	0.14	318.27	318.23	7.92
4511.00	49.90	358.10	4409.12	342.61	0.09	0.02	342.61	342.58	2.49
4575.00	48.90	357.30	4450.77	391.16	-1.85	359.73	391.17	391.15	1.83
4638.00	47.00	356.30	4492.97	437.87	-4.46	359.42	437.88	437.88	3.24
4670.00	46.10	356.00	4514.98	461.04	-6.02	359.25	461.08	461.08	2.89
4702.00	46.80	356.80	4537.02	484.19	-7.47	359.12	484.25	484.25	2.84
4733.00	49.70	358.60	4557.66	507.30	-8.39	359.05	507.36	507.36	10.31
4765.00	52.40	359.40	4577.78	532.18	-8.82	359.05	532.25	532.25	8.66
4797.00	55.50	0.30	4596.61	558.04	-8.89	359.09	558.11	558.11	9.95
4829.00	59.30	1.10	4613.85	584.99	-8.55	359.16	585.06	585.06	12.06
4860.00	63.20	1.60	4628.75	612.16	-7.91	359.26	612.21	612.21	12.66
4892.00	67.20	2.00	4642.17	641.19	-7.00	359.37	641.24	641.24	12.55
4924.00	71.10	2.40	4653.56	671.07	-5.85	359.50	671.08	671.08	12.24
4956.00	75.10	1.90	4662.86	701.66	-4.70	359.62	701.67	701.65	12.59
4988.00	79.50	1.40	4669.90	732.85	-3.80	359.70	732.83	732.81	13.83
5019.00	83.60	0.80	4674.45	763.50	-3.22	359.76	763.54	763.51	13.36
5051.00	87.80	359.80	4676.85	795.41	-3.05	359.78	795.37	795.34	13.49
5101.00	90.00	359.10	4677.81	845.39	-3.53	359.76	845.36	845.33	4.62
5131.00	90.50	358.50	4677.68	875.38	-4.16	359.73	875.36	875.33	2.60
5223.00	93.80	358.60	4674.23	967.28	-6.48	359.62	967.31	967.30	3.59
5318.00	94.10	357.80	4667.68	1062.00	-9.46	359.49	1062.05	1062.05	0.90
5413.00	93.00	358.00	4661.80	1156.76	-12.94	359.36	1156.83	1156.83	1.18
5508.00	93.50	359.10	4656.41	1251.57	-15.34	359.30	1251.66	1251.66	1.27
5603.00	94.00	359.80	4650.20	1346.36	-16.25	359.31	1346.48	1346.48	0.90

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
5698.00	93.80	359.10	4643.74	1441.14	-17.16	359.32	1441.25	1441.25	0.76
5793.00	92.80	359.30	4638.27	1535.97	-18.48	359.31	1536.06	1536.06	1.07
5888.00	92.60	359.30	4633.80	1630.86	-19.64	359.31	1631.00	1631.00	0.21
5983.00	90.40	0.10	4631.31	1725.82	-20.14	359.33	1725.91	1725.91	2.46
6078.00	90.90	359.80	4630.23	1820.81	-20.22	359.36	1820.90	1820.89	0.61
6173.00	91.70	359.30	4628.08	1915.78	-20.97	359.37	1915.87	1915.87	0.99
6268.00	90.70	359.50	4626.09	2010.75	-21.96	359.37	2010.87	2010.87	1.07
6363.00	90.80	359.60	4624.84	2105.74	-22.71	359.38	2105.85	2105.85	0.15
6458.00	90.40	358.60	4623.85	2200.72	-24.20	359.37	2200.83	2200.83	1.13
6553.00	91.00	358.90	4622.69	2295.69	-26.27	359.34	2295.82	2295.81	0.71
6647.00	90.50	359.40	4621.46	2389.68	-27.66	359.34	2389.79	2389.78	0.75
6742.00	91.40	359.60	4619.88	2484.66	-28.49	359.34	2484.83	2484.83	0.97
6837.00	90.90	359.00	4617.98	2579.63	-29.65	359.34	2579.80	2579.80	0.82
6932.00	89.80	359.00	4617.40	2674.61	-31.31	359.33	2674.78	2674.78	1.16
7027.00	89.90	358.90	4617.64	2769.60	-33.05	359.32	2769.79	2769.79	0.15
7122.00	90.30	358.10	4617.48	2864.56	-35.54	359.29	2864.75	2864.75	0.94
7217.00	90.80	358.00	4616.57	2959.50	-38.77	359.25	2959.79	2959.79	0.54
7312.00	89.10	359.50	4616.65	3054.47	-40.84	359.23	3054.72	3054.72	2.39
7407.00	88.50	359.40	4618.64	3149.45	-41.76	359.24	3149.75	3149.75	0.64
7502.00	90.40	359.30	4619.55	3244.43	-42.83	359.24	3244.69	3244.69	2.00
7597.00	90.80	359.60	4618.56	3339.42	-43.75	359.25	3339.70	3339.70	0.53
7692.00	92.40	359.50	4615.90	3434.38	-44.49	359.26	3434.64	3434.64	1.69
7787.00	93.50	359.40	4611.01	3529.25	-45.40	359.26	3529.50	3529.50	1.16
7882.00	91.90	359.10	4606.54	3624.13	-46.64	359.26	3624.46	3624.46	1.71
7977.00	91.20	358.90	4603.97	3719.08	-48.30	359.26	3719.34	3719.34	0.77
8072.00	91.50	0.80	4601.73	3814.05	-48.55	359.27	3814.40	3814.40	2.02
8167.00	89.90	359.80	4600.57	3909.04	-48.05	359.30	3909.33	3909.33	1.99
8262.00	89.80	357.90	4600.82	4004.02	-49.96	359.29	4004.33	4004.33	2.00
8357.00	90.00	357.30	4600.98	4098.93	-53.94	359.25	4099.32	4099.32	0.67
8452.00	91.80	358.30	4599.49	4193.84	-57.58	359.21	4194.22	4194.22	2.17
8547.00	90.30	359.00	4597.22	4317.78	-60.50	359.20	4318.17	4318.17	1.33
8642.00	89.20	0.80	4597.62	4409.78	-60.67	359.21	4410.23	4410.22	2.29
8737.00	89.00	0.60	4599.11	4504.76	-59.51	359.24	4505.13	4505.13	0.30
8832.00	89.40	1.30	4600.44	4599.74	-57.93	359.28	4600.10	4600.10	0.85
8927.00	91.20	2.30	4599.94	4694.68	-54.95	359.33	4695.05	4695.05	2.17

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
9048.00	92.30	2.30	4597.04	4789.56	-51.14	359.39	4789.78	4789.77	1.16
9143.00	90.40	1.80	4594.80	4884.47	-47.74	359.44	4884.79	4884.77	2.07
9238.00	89.50	359.80	4594.89	4979.45	-46.41	359.47	4979.64	4979.61	2.31
9333.00	89.50	359.10	4595.72	5074.45	-47.32	359.47	5074.62	5074.59	0.74
9428.00	89.10	359.30	4596.88	5169.43	-48.65	359.46	5169.53	5169.50	0.47
9523.00	88.40	0.30	4598.95	5264.40	-48.98	359.47	5264.52	5264.48	1.28
9618.00	89.80	0.80	4600.44	5359.39	-48.07	359.49	5359.60	5359.56	1.56
9713.00	90.60	359.80	4600.11	5454.38	-47.57	359.50	5454.64	5454.60	1.35
9808.00	89.80	358.80	4599.78	5549.37	-48.73	359.50	5549.49	5549.44	1.35
9903.00	92.10	359.50	4598.20	5644.34	-50.14	359.49	5644.68	5644.63	2.53
9998.00	90.90	359.30	4595.72	5739.30	-51.14	359.49	5739.38	5739.33	1.28
10093.00	90.90	358.40	4594.22	5834.27	-53.04	359.48	5834.38	5834.34	0.95
10188.00	90.60	358.90	4592.98	5929.23	-55.28	359.47	5929.41	5929.37	0.61
10283.00	90.90	358.00	4591.74	6024.19	-57.85	359.45	6024.45	6024.42	1.00
10378.00	91.40	358.80	4589.83	6119.13	-60.50	359.43	6119.53	6119.50	0.99
10473.00	92.30	359.50	4586.76	6214.07	-61.91	359.43	6214.35	6214.33	1.20
10568.00	90.60	359.30	4584.36	6309.03	-62.91	359.43	6309.35	6309.32	1.80
10663.00	91.20	359.40	4582.87	6404.02	-63.98	359.43	6404.26	6404.23	0.64
10758.00	90.00	357.90	4581.87	6498.98	-66.22	359.42	6499.24	6499.22	2.02
10853.00	90.20	358.30	4581.71	6593.93	-69.37	359.40	6594.21	6594.19	0.47
10943.00	91.10	358.30	4580.68	6683.88	-72.04	359.38	6684.39	6684.38	1.00
11043.00	89.60	357.80	4580.07	6783.82	-75.44	359.36	6784.30	6784.29	1.58
11138.00	90.20	358.30	4580.24	6878.76	-78.68	359.34	6879.14	6879.14	0.82
11232.00	89.60	357.60	4580.40	6972.70	-82.04	359.33	6973.14	6973.13	0.98
11327.00	89.50	357.80	4581.15	7067.62	-85.85	359.30	7068.02	7068.02	0.24
11422.00	89.90	358.30	4581.65	7162.56	-89.08	359.29	7163.20	7163.20	0.67
11517.00	91.30	357.90	4580.65	7257.50	-92.23	359.27	7258.11	7258.11	1.53
11534.00	91.30	358.40	4580.27	7274.49	-92.78	359.27	7275.08	7275.08	2.94