

Sandridge Energy

Taylor 3406 2-29H (Plan 2)
 Taylor 3406 2-29H SL 310 FSL, 810 FEL
 Harper County, Kansas (Sandridge Energy) NAD27 / Grid

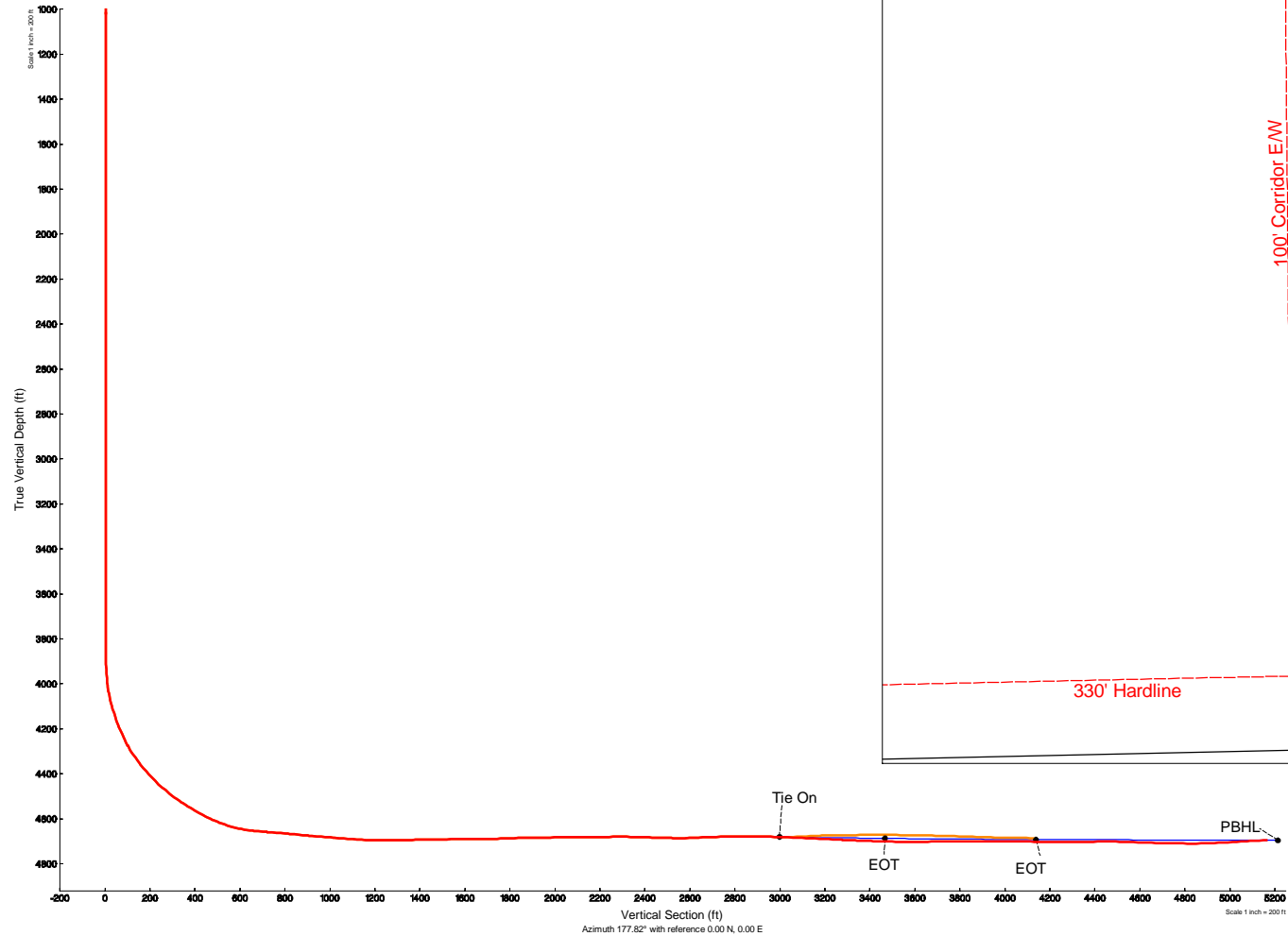
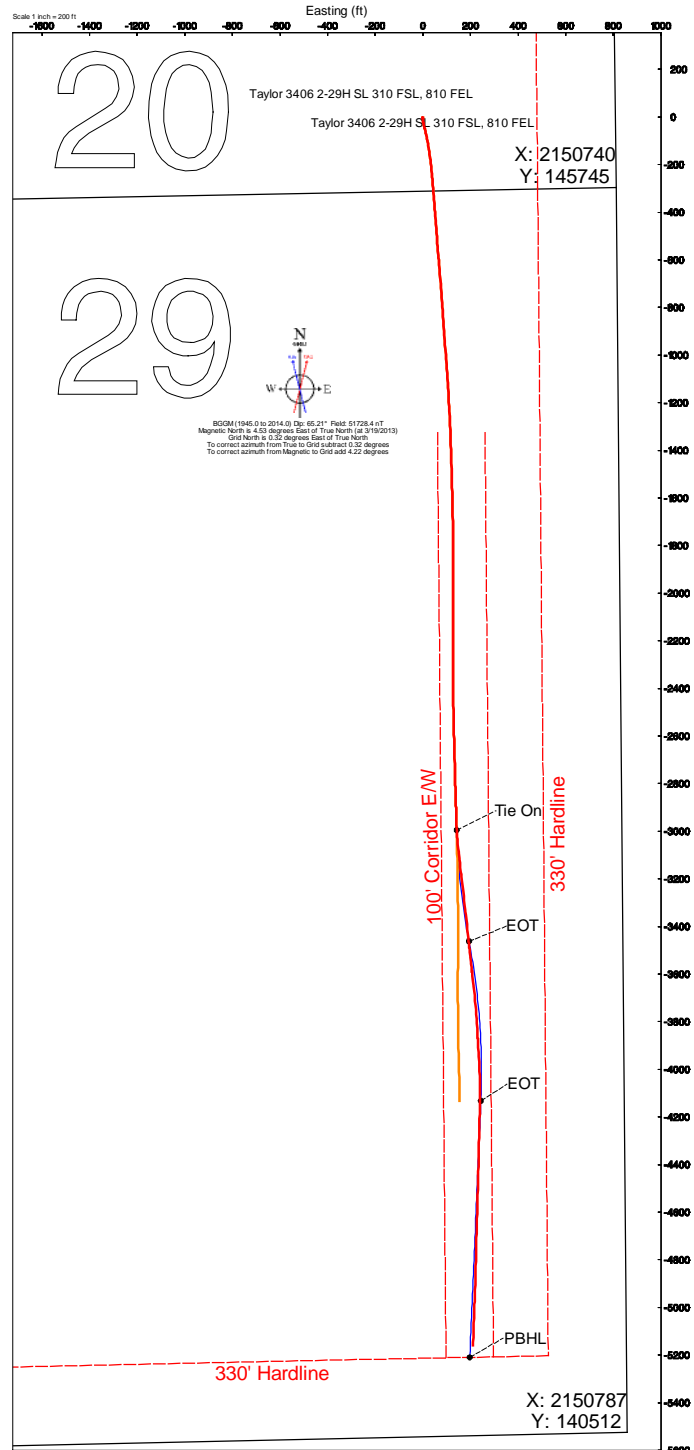
Plot reference wellpath is Taylor 3406 2-29H ST-1 Plan 2	
True vertical depths are referenced to Unit 310 (KB)	Grid System: NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet
Measured depths are referenced to Unit 310 (KB)	North Reference: Grid north
Unit 310 (KB) to Mean Sea Level: 1314 feet	Scale: True distance
Mean Sea Level to Mud line (At Slot: Taylor 3406 2-29H SL 310 FSL, 810 FEL): -1299 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: lermmk on 3/31/2013

Location Information

Facility Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Taylor 3406 2-29H Sec. 20-34S-6W	2149926.000	146040.000	37°03'59.790"N	97°59'10.308"W
Slot	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
Taylor 3406 2-29H SL 310 FSL, 810 FEL	0.00	0.00	2149926.000	146040.000
Unit 310 (KB) to Mud line (At Slot: Taylor 3406 2-29H SL 310 FSL, 810 FEL)				15ft
Mean Sea Level to Mud line (At Slot: Taylor 3406 2-29H SL 310 FSL, 810 FEL)				-1299ft
Unit 310 (KB) to Mean Sea Level				1314ft

Well Profile Data

Design Comment	MD (ft)	Inc (")	Az (")	TVD (ft)	Local N (ft)	Local E (ft)	DLS ("/100ft)	VS (ft)
Tie On	7336.00	89.080	178.420	4682.95	-2995.08	142.97	0.00	2998.35
EOT	7807.15	89.350	169.000	4689.42	-3462.82	194.53	2.00	3467.71
EOT	8481.04	89.800	182.471	4694.44	-4133.28	244.53	2.00	4139.58
PBHL	9560.54	89.800	182.471	4698.20	-5211.77	197.99	0.00	5215.53





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REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 2-29H SL 310 FSL, 810 FEL
Area	Kansas	Well	Subject
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 2-29H ST-1 Actual
Facility	Taylor 3406 2-29H Sec. 20-34S-6W	Sidetrack from	Taylor 3406 2-29H Actual at 7336.00 MD

REPORT SETUP INFORMATION			
Projection System	NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet		
North Reference	Grid	Software System	WellArchitect 3.0.0
Convergence at slot	0.32° East	User	Bouglac
Scale	1.00005	Report Generated	07/Apr/2013 at 08:18
Wellbore last revised	03-31-2013	Database/Source file	OKC

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	0.00	0.00	2149926.00	146040.00	37°03'59.790"N	97°59'10.308"W
Facility Reference Pt			2149926.00	146040.00	37°03'59.790"N	97°59'10.308"W
Field Reference Pt			2132248.82	161602.28	37°06'34.560"N	98°02'47.460"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Unit 310 (KB) to Facility Vertical Datum	15.00ft
Horizontal Reference Pt	Slot	Unit 310 (KB) to Mean Sea Level	1314.00ft
Vertical Reference Pt	Unit 310 (KB)	Unit 310 (KB) to Mud Line at Slot (Taylor 3406 2-29H SL 310 FSL, 810 FEL)	15.00ft
MD Reference Pt	Unit 310 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	177.82°



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Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 2-29H ST-1 Actual
Facility	Taylor 3406 2-29H Sec. 20-34S-6W	Sidetrack from	Taylor 3406 2-29H Actual at 7336.00 MD

WELLPATH DATA (141 stations) = interpolated/extrapolated station										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
0.00	0.000	0.000	0.00	0.00	0.00	0.00	2149926.00	146040.00	0.00	
15.00	0.000	0.000	15.00	0.00	0.00	0.00	2149926.00	146040.00	0.00	
250.00	0.030	0.000	250.00	-0.06	0.06	0.00	2149926.00	146040.06	0.01	
500.00	0.030	0.000	500.00	-0.19	0.19	0.00	2149926.00	146040.19	0.00	
695.00	0.030	188.580	695.00	-0.19	0.19	-0.01	2149925.99	146040.19	0.03	
722.00	1.850	188.580	722.00	0.24	-0.24	-0.07	2149925.93	146039.76	6.74	
814.00	0.040	73.160	813.98	1.69	-1.70	-0.26	2149925.74	146038.30	2.03	
906.00	0.060	80.080	905.98	1.68	-1.69	-0.19	2149925.81	146038.31	0.02	
998.00	0.040	274.360	997.98	1.67	-1.68	-0.17	2149925.83	146038.32	0.11	
1090.00	0.030	90.330	1089.98	1.67	-1.67	-0.18	2149925.82	146038.33	0.08	
1182.00	0.040	310.740	1181.98	1.64	-1.65	-0.18	2149925.82	146038.35	0.07	
1274.00	0.030	271.930	1273.98	1.62	-1.63	-0.23	2149925.77	146038.37	0.03	
1365.00	0.030	102.590	1364.98	1.63	-1.64	-0.23	2149925.77	146038.36	0.07	
1458.00	0.030	282.394	1457.98	1.63	-1.64	-0.23	2149925.77	146038.36	0.06	
1549.00	0.070	40.960	1548.98	1.58	-1.59	-0.21	2149925.79	146038.41	0.10	
1642.00	0.030	88.600	1641.98	1.54	-1.54	-0.15	2149925.85	146038.46	0.06	
1734.00	0.040	306.580	1733.98	1.52	-1.53	-0.16	2149925.84	146038.47	0.07	
1827.00	0.070	63.240	1826.98	1.47	-1.48	-0.13	2149925.87	146038.52	0.10	
1922.00	0.040	277.850	1921.98	1.44	-1.45	-0.11	2149925.89	146038.55	0.11	
2017.00	0.040	105.790	2016.98	1.45	-1.45	-0.11	2149925.89	146038.55	0.08	
2111.00	0.040	96.000	2110.98	1.46	-1.47	-0.05	2149925.95	146038.53	0.01	
2207.00	0.040	118.920	2206.98	1.49	-1.49	0.01	2149926.01	146038.51	0.02	
2301.00	0.040	231.250	2300.98	1.52	-1.52	0.02	2149926.02	146038.48	0.07	
2396.00	0.040	118.750	2395.98	1.56	-1.56	0.02	2149926.02	146038.44	0.07	
2491.00	0.030	12.900	2490.98	1.55	-1.55	0.06	2149926.06	146038.45	0.06	
2586.00	0.070	31.350	2585.98	1.48	-1.48	0.09	2149926.09	146038.52	0.04	
2681.00	0.070	357.590	2680.98	1.37	-1.37	0.12	2149926.12	146038.63	0.04	
2775.00	0.040	245.050	2774.98	1.33	-1.33	0.09	2149926.09	146038.67	0.10	
2870.00	0.060	13.780	2869.98	1.29	-1.29	0.07	2149926.07	146038.71	0.10	
2965.00	0.040	179.820	2964.98	1.28	-1.28	0.08	2149926.08	146038.72	0.10	
3060.00	0.170	287.250	3059.98	1.26	-1.27	-0.05	2149925.95	146038.73	0.20	
3155.00	0.280	236.680	3154.98	1.34	-1.35	-0.38	2149925.62	146038.65	0.23	
3250.00	0.030	186.490	3249.98	1.48	-1.51	-0.58	2149925.42	146038.49	0.28	
3345.00	0.070	93.620	3344.98	1.51	-1.53	-0.52	2149925.48	146038.47	0.08	
3439.00	0.030	320.650	3438.98	1.50	-1.52	-0.48	2149925.52	146038.48	0.10	
3534.00	0.130	280.990	3533.98	1.46	-1.48	-0.60	2149925.40	146038.52	0.11	
3629.00	0.230	161.800	3628.98	1.61	-1.64	-0.65	2149925.35	146038.36	0.33	
3724.00	0.100	252.600	3723.98	1.82	-1.85	-0.67	2149925.33	146038.15	0.27	
3819.00	0.070	76.010	3818.98	1.83	-1.86	-0.69	2149925.31	146038.14	0.18	
3913.00	0.830	174.060	3912.97	2.50	-2.52	-0.57	2149925.43	146037.48	0.90	
3945.00	2.790	174.270	3944.96	3.51	-3.53	-0.46	2149925.54	146036.47	6.13	
3977.00	4.920	172.740	3976.88	5.65	-5.66	-0.21	2149925.79	146034.34	6.66	
4008.00	7.590	171.110	4007.69	9.01	-9.00	0.27	2149926.27	146031.00	8.63	
4040.00	10.540	169.670	4039.29	14.00	-13.97	1.12	2149927.12	146026.03	9.25	
4072.00	13.770	168.390	4070.57	20.66	-20.58	2.41	2149928.41	146019.42	10.13	



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Operator	Sandridge Energy	Slot	Taylor 3406 2-29H SL 310 FSL, 810 FEL
Area	Kansas	Well	Subject
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 2-29H ST-1 Actual
Facility	Taylor 3406 2-29H Sec. 20-34S-6W	Sidetrack from	Taylor 3406 2-29H Actual at 7336.00 MD

WELLPATH DATA (141 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
4103.00	16.090	166.990	4100.52	28.52	-28.38	4.12	2149930.12	146011.61	7.57	
4135.00	18.430	166.650	4131.08	37.84	-37.63	6.29	2149932.29	146002.37	7.32	
4166.00	19.370	166.650	4160.41	47.69	-47.40	8.61	2149934.61	145992.60	3.03	
4198.00	21.370	167.240	4190.40	58.63	-58.25	11.12	2149937.12	145981.75	6.28	
4229.00	23.960	167.540	4219.01	70.38	-69.90	13.73	2149939.73	145970.09	8.36	
4261.00	26.770	168.120	4247.92	83.88	-83.30	16.61	2149942.62	145956.69	8.82	
4293.00	29.830	169.070	4276.09	98.85	-98.17	19.61	2149945.61	145941.82	9.67	
4325.00	32.900	169.700	4303.41	115.32	-114.54	22.67	2149948.67	145925.45	9.65	
4356.00	34.980	170.320	4329.13	132.47	-131.59	25.67	2149951.67	145908.41	6.80	
4388.00	37.310	171.190	4354.97	151.20	-150.22	28.70	2149954.70	145889.78	7.46	
4420.00	39.840	172.230	4379.98	171.04	-169.96	31.57	2149957.57	145870.03	8.16	
4451.00	42.840	173.430	4403.26	191.43	-190.27	34.12	2149960.12	145849.72	10.01	
4483.00	45.030	174.460	4426.30	213.58	-212.35	36.46	2149962.46	145827.64	7.20	
4515.00	47.280	174.710	4448.47	236.62	-235.33	38.63	2149964.64	145804.66	7.05	
4546.00	49.670	175.040	4469.02	259.80	-258.44	40.71	2149966.71	145781.55	7.75	
4578.00	51.640	175.240	4489.30	284.52	-283.10	42.80	2149968.80	145756.89	6.18	
4609.00	53.770	175.630	4508.08	309.16	-307.68	44.76	2149970.77	145732.31	6.94	
4641.00	55.700	175.910	4526.56	335.27	-333.73	46.69	2149972.69	145706.25	6.07	
4673.00	57.560	175.970	4544.16	361.97	-360.39	48.58	2149974.58	145679.59	5.81	
4704.00	59.330	175.760	4560.38	388.37	-386.74	50.49	2149976.49	145653.25	5.74	
4736.00	60.950	175.720	4576.31	416.11	-414.41	52.55	2149978.55	145625.57	5.06	
4768.00	63.290	175.560	4591.28	444.37	-442.61	54.70	2149980.70	145597.37	7.33	
4799.00	66.010	175.810	4604.55	472.36	-470.55	56.81	2149982.81	145569.43	8.80	
4831.00	68.250	175.520	4616.98	501.82	-499.94	59.04	2149985.04	145540.03	7.05	
4863.00	70.810	175.250	4628.17	531.77	-529.82	61.45	2149987.45	145510.15	8.04	
4894.00	74.070	175.380	4637.52	561.30	-559.28	63.86	2149989.86	145480.70	10.52	
4926.00	77.470	175.160	4645.39	592.28	-590.18	66.42	2149992.42	145449.79	10.65	
4957.00	81.420	175.000	4651.07	622.71	-620.54	69.03	2149995.04	145419.43	12.75	
4989.00	84.420	175.170	4655.01	654.43	-652.18	71.75	2149997.76	145387.79	9.39	
5052.00	85.070	175.350	4660.78	717.10	-714.70	76.94	2150002.94	145325.27	1.07	
5147.00	84.980	176.180	4669.02	811.68	-809.08	83.93	2150009.93	145230.88	0.88	
5242.00	85.010	176.200	4677.31	906.28	-903.51	90.21	2150016.22	145136.45	0.04	
5289.00	85.100	175.770	4681.36	953.08	-950.22	93.49	2150019.50	145089.74	0.93	
5350.00	85.500	175.840	4686.36	1013.84	-1010.85	97.94	2150023.94	145029.11	0.67	
5414.00	85.170	175.590	4691.56	1077.58	-1074.46	102.71	2150028.71	144965.49	0.65	
5509.00	87.970	177.290	4697.25	1172.37	-1169.09	108.59	2150034.60	144870.86	3.45	
5572.00	90.120	176.930	4698.30	1235.36	-1232.00	111.77	2150037.77	144807.94	3.46	
5635.00	91.360	177.510	4697.48	1298.35	-1294.92	114.82	2150040.83	144745.02	2.17	
5699.00	91.110	177.940	4696.10	1362.33	-1358.86	117.36	2150043.37	144681.09	0.78	
5762.00	91.290	178.040	4694.78	1425.32	-1421.80	119.57	2150045.58	144618.14	0.33	
5825.00	90.650	178.530	4693.72	1488.31	-1484.76	121.46	2150047.46	144555.17	1.28	
5888.00	90.680	178.510	4692.99	1551.30	-1547.74	123.08	2150049.09	144492.19	0.06	
5952.00	90.520	178.410	4692.32	1615.29	-1611.71	124.80	2150050.81	144428.22	0.29	
6015.00	89.780	178.930	4692.15	1678.28	-1674.70	126.27	2150052.27	144365.23	1.44	
6079.00	92.780	179.040	4690.72	1742.24	-1738.66	127.40	2150053.41	144301.26	4.69	



Actual Wellpath Report



Sandridge Taylor 3406 2-29H_Svy (07-Apr-2013).

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WELLPATH DATA (141 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
6174.00	91.080	180.360	4687.52	1837.13	-1833.60	127.90	2150053.90	144206.32	2.27	
6236.00	90.800	180.290	4686.50	1899.07	-1895.59	127.54	2150053.55	144144.33	0.47	
6297.00	90.830	180.440	4685.64	1960.00	-1956.58	127.16	2150053.16	144083.33	0.25	
6358.00	90.740	180.260	4684.80	2020.94	-2017.58	126.78	2150052.79	144022.34	0.33	
6420.00	90.590	180.100	4684.08	2082.88	-2079.57	126.59	2150052.59	143960.34	0.35	
6483.00	90.680	179.830	4683.38	2145.83	-2142.57	126.63	2150052.63	143897.34	0.45	
6578.00	90.370	180.100	4682.51	2240.76	-2237.56	126.69	2150052.69	143802.34	0.43	
6673.00	89.530	180.020	4682.60	2335.69	-2332.56	126.59	2150052.59	143707.34	0.89	
6768.00	87.130	178.470	4685.36	2430.61	-2427.51	127.84	2150053.84	143612.39	3.01	
6831.00	89.050	178.940	4687.46	2493.56	-2490.45	129.26	2150055.26	143549.44	3.14	
6862.00	88.980	178.660	4688.00	2524.55	-2521.44	129.91	2150055.91	143518.45	0.93	
6957.00	92.470	178.610	4686.80	2619.52	-2616.39	132.17	2150058.18	143423.50	3.67	
7055.00	92.370	178.710	4682.66	2717.42	-2714.28	134.46	2150060.47	143325.61	0.14	
7147.00	90.650	178.250	4680.23	2809.38	-2806.21	136.90	2150062.91	143233.67	1.94	
7241.00	88.490	177.980	4680.94	2903.37	-2900.15	139.99	2150066.00	143139.73	2.32	
7336.00	89.080	178.420	4682.95	2998.35	-2995.08	142.97	2150068.98	143044.79	0.77	
7365.00	86.730	175.680	4684.01	3027.32	-3024.02	144.47	2150070.47	143015.85	12.44	
7397.00	86.980	173.740	4685.77	3059.23	-3055.83	147.41	2150073.42	142984.04	6.10	
7428.00	87.140	173.580	4687.36	3090.10	-3086.60	150.83	2150076.84	142953.26	0.73	
7460.00	87.440	173.220	4688.87	3121.97	-3118.35	154.50	2150080.51	142921.51	1.46	
7491.00	87.410	173.270	4690.26	3152.84	-3149.11	158.15	2150084.15	142890.76	0.19	
7523.00	87.440	173.460	4691.70	3184.71	-3180.86	161.84	2150087.85	142859.00	0.60	
7555.00	87.340	173.680	4693.16	3216.59	-3212.63	165.42	2150091.43	142827.23	0.75	
7618.00	87.530	173.350	4695.98	3279.35	-3275.16	172.53	2150098.54	142764.70	0.60	
7681.00	87.350	173.350	4698.79	3342.09	-3337.67	179.82	2150105.82	142702.18	0.29	
7745.00	88.120	174.040	4701.32	3405.88	-3401.24	186.84	2150112.85	142638.62	1.61	
7807.00	88.400	173.980	4703.20	3467.71	-3462.87	193.31	2150119.32	142576.98	0.46	
7839.00	88.770	173.690	4703.99	3499.62	-3494.68	196.74	2150122.75	142545.17	1.47	
7870.00	89.170	174.030	4704.55	3530.55	-3525.49	200.06	2150126.07	142514.36	1.69	
7902.00	89.000	173.890	4705.06	3562.47	-3557.31	203.42	2150129.43	142482.54	0.69	
7934.00	90.340	173.150	4705.25	3594.38	-3589.10	207.04	2150133.04	142450.74	4.78	
7997.00	91.260	174.010	4704.37	3657.20	-3651.70	214.08	2150140.09	142388.14	2.00	
8060.00	90.740	174.620	4703.27	3720.07	-3714.38	220.32	2150146.33	142325.46	1.27	
8155.00	89.940	176.490	4702.70	3814.99	-3809.09	227.68	2150153.69	142230.75	2.14	
8218.00	90.030	176.630	4702.72	3877.97	-3871.98	231.46	2150157.47	142167.86	0.26	
8282.00	90.590	176.410	4702.37	3941.95	-3935.86	235.35	2150161.36	142103.97	0.94	
8345.00	89.630	177.690	4702.25	4004.95	-3998.77	238.59	2150164.60	142041.06	2.54	
8408.00	89.110	178.910	4702.95	4067.94	-4061.74	240.46	2150166.47	141978.09	2.10	
8471.00	88.710	180.450	4704.15	4130.89	-4124.72	240.81	2150166.82	141915.10	2.53	
8566.00	89.440	181.730	4705.68	4225.72	-4219.69	239.00	2150165.01	141820.13	1.55	
8598.00	90.150	181.770	4705.79	4257.65	-4251.68	238.02	2150164.03	141788.14	2.22	
8661.00	90.280	181.140	4705.56	4320.52	-4314.66	236.42	2150162.44	141725.16	1.02	
8756.00	91.700	181.360	4703.92	4415.33	-4409.62	234.35	2150160.36	141630.19	1.51	
8851.00	87.900	181.490	4704.25	4510.13	-4504.57	231.99	2150158.00	141535.24	4.00	
8946.00	88.050	181.990	4707.60	4604.85	-4599.47	229.11	2150155.12	141440.34	0.55	



Actual Wellpath Report

Sandridge Taylor 3406 2-29H_Svy (07-Apr-2013).

Page 5 of 5



REFERENCE WELLPATH IDENTIFICATION			
Operator	Sandridge Energy	Slot	Taylor 3406 2-29H SL 310 FSL, 810 FEL
Area	Kansas	Well	Subject
Field	Harper County, Kansas (Sandridge Energy) NAD27 / Grid	Wellbore	Taylor 3406 2-29H ST-1 Actual
Facility	Taylor 3406 2-29H Sec. 20-34S-6W	Sidetrack from	Taylor 3406 2-29H Actual at 7336.00 MD

WELLPATH DATA (141 stations)										
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	DLS [°/100ft]	Comments
9041.00	89.040	181.500	4710.02	4699.59	-4694.39	226.22	2150152.23	141345.41	1.16	
9136.00	88.710	181.370	4711.88	4794.39	-4789.34	223.84	2150149.85	141250.45	0.37	
9231.00	91.740	181.620	4711.51	4889.18	-4884.30	221.36	2150147.37	141155.49	3.20	
9325.00	92.990	182.340	4707.63	4982.85	-4978.16	218.11	2150144.12	141061.63	1.53	
9420.00	93.680	181.880	4702.10	5077.42	-5072.93	214.62	2150140.63	140966.85	0.87	
9508.00	93.420	182.010	4696.65	5165.03	-5160.71	211.64	2150137.65	140879.06	0.33	

WELLPATH COMPOSITION - Ref Wellbore: Taylor 3406 2-29H ST-1 Actual Ref Wellpath: Taylor 3406 2-29H ST-1 Actual_awp				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	500.00	Generic gyro - northseeking (Standard)	Gyros	Taylor 3406 2-29H Actual
500.00	7336.00	NaviTrak (Standard)	INTEQ MWD	Taylor 3406 2-29H Actual
7336.00	9508.00	Autotrak Short (Magcorr)	INTEQ MWD	Taylor 3406 2-29H ST-1 Actual

DRILLING PARAMETERS RECORD

INTEQ

Company: Sandridge Energy
 Field: Harper Co.
 County/Block/Parish: Harper

Well Name No.: Taylor 3406 2-29H
 Rig Contractor No.: Unit Drilling 310

Date	Depth From	Depth To	Ftg. Drilled	Mode S/R	Drig. Hrs.	ROP	WOB (Klbs)	Rot RPM	Rot Tq	TFO	Flow Rate	Diff Pres	Temp.	SPP	BHA No.
3/Apr/2013	7822	7849	27	R	0.95	28.42	30	40	7250		259	100	98	1731	7
3/Apr/2013	7849	7881	32	R	0.9	35.56	30	40	7250		259	100	98	1731	7
3/Apr/2013	7881	7912	31	R	0.833	37.20	30	40	7250		259	100	98	1731	7
3/Apr/2013	7912	7944	32	R	0.833	38.40	30	40	7250		259	100	98	1731	7
3/Apr/2013	7944	7976	32	R	0.883	36.23	30	50	7850		259	135	98	1840	7
3/Apr/2013	7976	8039	63	R	1.783	35.33	30	60	7850		259	135	98	1840	7
3/Apr/2013	8039	8056	17	O	1	17	30			135R	282	90	133	1836	7
3/Apr/2013	8056	8102	46	R	1.25	36.8	30	60	7850		259	135	98	1840	7
3/Apr/2013	8102	8134	32	R	0.917	34.91	30	60	7850		259	135	98	1840	7
3/Apr/2013	8134	8152	18	O	0.867	20.77	30			135R	282	90	133	1836	7
3/Apr/2013	8152	8197	45	R	1	45	30	60	7850		259	135	98	1840	7
3/Apr/2013	8197	8229	32	R	0.9	35.56	30	60	7850		259	135	98	1840	7
3/Apr/2013	8229	8260	31	R	1.417	21.88	30	60	7850		259	135	98	1840	7
3/Apr/2013	8260	8324	64	R	2.217	28.87	30	60	7850		259	135	98	1840	7
3/Apr/2013	8324	8339	15	O	0.967	15.52	30			135R	282	90	133	1836	7
3/Apr/2013	8339	8387	48	R	1.283	37.40	30	60	7850		259	135	98	1840	7
3/Apr/2013	8387	8392	5	O	1.1	4.545	30			125 R	282	90	133	1836	7
3/Apr/2013	8392	8402	10	R	0.233	42.86	30	60	7850		259	135	98	1840	7
3/Apr/2013	8402	8410	8	O	0.833	9.600	30			125 R	282	90	133	1836	7
4/Apr/2013	8410	8412	2	O	0.117	17.14	30			125 R	282	90	133	1836	7
4/Apr/2013	8412	8418	6	R	0.3	20	30	60	7850		259	135	98	1840	7
4/Apr/2013	8418	8450	32	R	0.983	32.54	30	60	7850		259	135	98	1840	7
4/Apr/2013	8450	8465	15	O	1.1	13.64	30			110 R	282	90	133	1836	7
4/Apr/2013	8465	8513	48	R	1.317	36.46	30	60	7850		259	135	98	1840	7
4/Apr/2013	8513	8528	15	O	1.067	14.06	30			65 R	282	90	133	1836	7
4/Apr/2013	8528	8608	80	R	2.683	29.81	30	60	7850		259	135	98	1840	7
4/Apr/2013	8608	8640	32	R	1.167	27.43	30	60	7850		259	135	98	1840	7
4/Apr/2013	8640	8680	40	R	1.567	25.53	30	45	9000		259	100	98	1950	7
4/Apr/2013	8680	8703	23	R	0.617	37.3	30	45	9000		259	100	98	1950	7
4/Apr/2013	8703	8798	95	R	3.55	26.76	30	45	9000		259	100	98	1950	7
4/Apr/2013	8798	8813	15	O	0.833	18	30			160R	282	90	133	1836	7
4/Apr/2013	8813	8893	80	R	2.383	33.57	30	45	9000		259	100	98	1950	7
4/Apr/2013	8893	8903	10	O	0.533	18.75	30			160R	282	90	133	1836	7
4/Apr/2013	8903	8941	38	R	1.433	26.51	30	45	9000		259	100	98	1950	7

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	120	8.4	*****	14.3	30.0			282.0	90.0	1836.0
Rotating	999	31.4	*****	31.8	30.0	53.1	7989.6	259.0	121.9	1844.8
Total	1119	39.8	5.9	28.1	30.0	53.1	7989.6	265.8	112.5	1842.2

5/Apr/2013	8941	8988	47	R	0.783	60	20	40	8000		282	150	130	1800	8
5/Apr/2013	8988	9003	15	O	1.05	14.29	30			HS	282	90	133	1836	8
5/Apr/2013	9003	9083	80	R	2.317	34.53	30	40	8000		282	150	130	1900	8
5/Apr/2013	9083	9103	20	O	1.167	17.14	30			HS	282	90	133	1836	8
5/Apr/2013	9103	9146	43	R	0.683	62.93	30	40	8000		282	150	130	1900	8

DRILLING PARAMETERS RECORD

INTEQ

Company: Sandridge Energy Well Name No.: Taylor 3406 2-29H
 Field: Harper Co. Rig Contractor No.: Unit Drilling 310
 County/Block/Parish: Harper

Date	Depth From	Depth To	Ftg. Drilled	Mode S/R	Drig. Hrs.	ROP	WOB (Klbs)	Rot RPM	Rot Tq	TFO	Flow Rate	Diff Pres	Temp.	SPP	BHA No.
5/Apr/2013	9146	9166	20	O	1.767	11.32	30			25 R	282	90	133	1836	8
5/Apr/2013	9166	9178	12	R	0.45	26.67	30	40	8000		282	150	130	1900	8
5/Apr/2013	9178	9190	12	O	1.533	7.826	30			25 R	282	90	133	1836	8
5/Apr/2013	9190	9193	3	R	0.133	22.50	30	40	8000		282	150	130	1900	8
6/Apr/2013	9193	9209	16	R	0.383	41.74	30	40	8000		282	150	130	1900	8
6/Apr/2013	9209	9241	32	R	1.017	31.48	30	40	8000		282	150	130	1900	8
6/Apr/2013	9241	9273	32	R	0.967	33.10	30	35	8000		282	150	130	1900	8
6/Apr/2013	9273	9285	12	O	1.667	7.200	30			30 R	282	90	133	1836	8
6/Apr/2013	9285	9367	82	R	2.4	34.17	30	60	8000		282	150	130	1900	8
6/Apr/2013	9367	9462	95	R	1.75	54.29	30	60	8000		282	150	130	1900	8
6/Apr/2013	9462	9550	88	R	1.25	70.40	30	60	8000		282	150	130	1900	8

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	79	7.2	*****	11.0	30.0			282.0	90.0	1836.0
Rotating	530	12.1	*****	43.7	29.1	45.0	8000.0	282.0	150.0	1890.9
Total	609	19.3	3.4	31.5	29.4	45.0	8000.0	282.0	131.3	1873.8

BHI Job #: 5373760



BOTTOM HOLE ASSEMBLY

NTEQ

BHA #: 7Company: Sandridge EnergyWell Name & No.: Taylor 3406 2-29HDate Run: 02/Apr/2013Field: Harper Co.Rig Contractor & No.: Unit Drilling 310Depth In: 7822County/Block/Par.: HarperDepth Out: 8941

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							Comp. Lngth	
										IR	OR	DC	LOC	B/S	G/16	OC		RPLD
7	6 1/8	HCC	STX-44CDX	5215481	3x12	3	1119	39.82	8941	3	3	WT	A	6	I	BT	HR	0.75

BHA DESCRIPTION

Item No.	Component Description	Vendor	Serial No.	Gauge OD	OD	ID	Fishing Neck	Top Connection	Bottom Connection	Component Length	Total Length
2	4 3/4 M1XP/LS (motor), 1.5	BHI	10468438	5 1/2"	4 3/4		1.71	3 1/2 IF	3 1/2 Reg	22.02	22.77
3	Pony Collar	BHI	475150750		4 3/4	2 11/16		3 1/2 IF	3 1/2 IF	12.85	35.62
4	4 3/4 LCPG	BHI	DHP 4036		4 3/4	2 11/16		3 1/2 IF	3 1/2 IF	30.68	66.30
5	Stiff NMDC	BHI	12522201		4 3/4	2 11/16		3 1/2 IF	3 1/2 IF	31.10	97.40
6	X-Over 3 1/2 IF	RIG	RIG		4 3/4	2 5/8		XT39	3 1/2 IF	3.70	101.10
7	(18) Stands 4" Push Pipe	Rig	Rig		4	2 5/8		XT39	XT39	1706.46	1807.56
8	Safety Joint #2	Nov	XXXXX		4			XT39	XT39	3.50	1811.06
9	Agitator #2	NOV	XXXX		4			XT39	XT39	10.98	1822.04
10	Shock Sub #2	Nov	XXXX		4			XT39	XT39	10.56	1832.60
11	(39) Stands 4" Push Pipe	Rig	Rig		4	2 5/8		XT39	XT39	3699.70	5532.30
12	(18) Stands 4" HWDP	Rig	Rig		4	2 5/16		XT39	XT39	1653.91	7186.21

STABILIZER DATA

Item #	Stabilizer Description	Spiral	Bld Lgth	Bld Wth	Gge Lgth	Gge In	Gge Out
2	UBHS	N	6"	1.7/8"	4"	5 1/2"	

DRILL PIPE DATA

Drillpipe	Grade	OD	ID	Wt./ft	Conn.	Lgth
Upper				0.0		*****
Lower				0.0		0.00

BHA WEIGHT DATA

BHA Weight	In Air	In Mud
Total	0	0
Lower	0	0

RUN SUMMARY

Mode	Footage:	Drig Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	120	8.42	*****	14.3	30			282	90	1836
Rotating	999	31.40	*****	31.8	30	53	7990	259	122	1845
Total	1119	39.82	5.90	28.1	30	53	7990	266	113	1842

Survey Sensor to Bit 38.63 Gamma Sensor to Bit: 43.72 Motor Bit to Bend: 4.5 Motor Bit to Stabilizer: 3.0Center of Clamp-on to Center of UBHS: _____ Mud Type: WBM Mud Weight 8.3 Hrs in Hole: 56.68333Objective For Running BHA: _____ Avg Temp: 108.2941 Max Temp: 133

Sidetrack Run 2

BHA Results:

Good run, with no returns, Motor worked well throughout run w/no stalls

Reason for POOH:

Hours, Started getting spikes in diff from bit.

BHI Directional Drillers: Josh Wiles Barry Maberry

BHI Job # 5373760



BOTTOM HOLE ASSEMBLY

NTEQ

BHA #: 8

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Date Run: 05/Apr/2013

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

Depth In: 8941

County/Block/Par.: Harper

Depth Out: 9550

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							Comp. Lngth	
										IR	OR	DC	LOC	B/S	G/16	OC		RPLD
8	6 1/8	HCC	STX-44CDX	5217816	3x16	3	609	19.32	9550	3	3	WT	C	4	I	NO	TD	0.75

BHA DESCRIPTION

Item No.	Component Description	Vendor	Serial No.	Gauge OD	OD	ID	Fishing Neck	Top Connection	Bottom Connection	Component Length	Total Length
2	4 3/4 M1XP/LS (motor), 1.5	BHI	12142172	5 1/2"	4 3/4		1.28	3 1/2 IF	3 1/2 Reg	21.93	22.68
3	Pony Collar	BHI	475150750		4 3/4	2 11/16		3 1/2 IF	3 1/2 IF	12.85	35.53
4	4 3/4 LCPG	BHI	DHP 4036		4 3/4	2 11/16		3 1/2 IF	3 1/2 IF	30.68	66.21
5	Stiff NMDC	BHI	12522201		4 3/4	2 11/16		3 1/2 IF	3 1/2 IF	31.10	97.31
6	X-Over 3 1/2 IF	RIG	RIG		4 3/4	2 5/8		XT39	3 1/2 IF	3.70	101.01
7	(18) Stands 4" Push Pipe	Rig	Rig		4	2 5/8		XT39	XT39	1706.46	1807.47
8	Safety Joint #2	Nov	XXXXX		4			XT39	XT39	3.50	1810.97
9	Agitator #2	NOV	XXXX		4			XT39	XT39	10.98	1821.95
10	Shock Sub #2	Nov	XXXX		4			XT39	XT39	10.56	1832.51
11	(39) Stands 4" Push Pipe	Rig	Rig		4	2 5/8		XT39	XT39	3699.70	5532.21
12	(18) Stands 4" HWDP	Rig	Rig		4	2 5/16		XT39	XT39	1653.91	7186.12

STABILIZER DATA

Item #	Stabilizer Description	Spiral	Bld Lgth	Bld Wth	Gge Lgth	Gge In	Gge Out
2	UBHS	N	6.0"	1 5/8"	3 7/8"	5 1/2"	5 1/2"

DRILL PIPE DATA

Drillpipe	Grade	OD	ID	Wt./ft	Conn.	Lgth
Upper				0.0		*****
Lower				0.0		0.00

BHA WEIGHT DATA

BHA Weight	In Air	In Mud
Total	0	0
Lower	0	0

RUN SUMMARY

Mode	Footage:	Drlg Hrs	Circ Hrs	ROP	WOB (Klbs)	Rot RPM	Rot Tq	Flow Rate	Avg Diff	SPP
Sliding	79	7.18	*****	11.0	30			282	90	1836
Rotating	530	12.13	*****	43.7	29	45	8000	282	150	1891
Total	609	19.32	3.42	31.5	29	45	8000	282	131	1874

Survey Sensor to Bit 38.54 Gamma Sensor to Bit: 43.63 Motor Bit to Bend: 4.5 Motor Bit to Stabilizer: 2.5

Center of Clamp-on to Center of UBHS: Mud Type: WBM Mud Weight 9.1 Hrs in Hole: 38.41667

Objective For Running BHA: Avg Temp: 130.9375 Max Temp: 133

Sidetrack Run 3

BHA Results:

BHA Achieved TD, had trouble holding angle throughout the run, required more sliding which was slow. Rotation was consistent ROP.

Reason for POOH:

TD Achieved

BHI Directional Drillers: Josh Wiles Barry Maberry

BHI Job # 5373760

DAILY DRILLING REPORT

No: 16 Date: 03/Apr/201

NTEQ

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

County/Block/Parish: Harper

BHA No(s) Today: 7

Depth: 8410 Feet last 24 Hrs: 588

Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 0
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 70000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
7	6 1/8	HCC	STX-44CD	5215481	3x12	3	588	666649		3	3	WT	A	6	I	BT	HR

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.4	TI	Tripping In (From Surface)
			TI to 7818'
0:24	0.2667	SVC	Survey Circulating
			Verify in sidetrack, @7368' Inc 86.50 Az 174.03 Good Shot
0:40	0.3333	TI	Tripping In (From Surface)
			Ti to 7818'
1:00	0.95	ROT	Rotary Drill fr: 7822 to 7849
1:57	0.2167	SVC	Survey Circulating
			C/S @ 7807' Inc 88.40 Az 173.98
2:10	0.9	ROT	Rotary Drill fr: 7849 to 7881
3:04	0.1	SVC	Survey Circulating
			@ 7839' Inc 88.77 Az 173.69
3:10	0.8333	ROT	Rotary Drill fr: 7881 to 7912
4:00	0.1667	SVC	Survey Circulating
			@ 7870' Inc 89.17 Az 174.03
4:10	0.8333	ROT	Rotary Drill fr: 7912 to 7944
5:00	0.3333	SVC	Survey Circulating
			C/S @ 7902' Inc 89.78 Az 173.89
5:20	0.8833	ROT	Rotary Drill fr: 7944 to 7976

24 Hr Summary: Drill ahead in sidetrack From 7822' to 8410'
 Proj svy at 0:00: _____
 Proj svy at 24:00 8410 4702 89.6 178
 Bottom Hole Temp. (F), Circulating: 133
 Formation Name/Depth: _____
 Remarks:
Finish TIH, and resume drilling.

BHI DIRECTIONAL REP Josh Wiles, Barry Maberry
 BHI MWD REP.: Bill Kilmer, Brian Johnson
 COMPANY REP.: Buddy Laroux
 DAILY COST: \$10,437.00
 CUMMULATIVE COST: \$244,020.75
 BHI JOB #: 5373760

DAILY DRILLING REPORT

No: 16 Date: 03/Apr/201

NTEQ

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

County/Block/Parish: Harper

BHA No(s) Today: 7

Depth: 8410 Feet last 24 Hrs: 588

Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 0
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 7000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
7	6 1/8	HCC	STX-44CD	5215481	3x12	3	588	666649		3	3	WT	A	6	I	BT	HR

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

6:13	0.1667	SVC	Survey Circulating @ 7934' Inc 90.34 Az 173.15
6:23	1.7833	ROT	Rotary Drill fr: 7976 to 8039
8:10	0.25	SVC	Survey Circulating 7997' Inc 91.26 Az 174.01
8:25	1	SLID	Slide Drill fr: 8039 to 8056 TF 135R
9:25	1.25	ROT	Rotary Drill fr: 8056 to 8102
10:40	0.1667	SVC	Survey Circulating 8060' Inc 90.74 Az 174.62
10:50	0.9167	ROT	Rotary Drill fr: 8102 to 8134
11:45	0.25	ONC	Other Non-circulating connection
12:00	0.8667	SLID	Slide Drill fr: 8134 to 8152 TF=135R
12:52	1	ROT	Rotary Drill fr: 8152 to 8197
13:52	0.2167	SVC	Survey Circulating 8155' Inc 89.94 Az 176.49
14:05	0.9	ROT	Rotary Drill fr: 8197 to 8229
14:59	0.2667	RIGS	Rig Service Top Drive
15:15	1.4167	ROT	Rotary Drill fr: 8229 to 8260

DAILY DRILLING REPORT

No: 16 Date: 03/Apr/201

NTEQ

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

County/Block/Parish: Harper

BHA No(s) Today: 7

Depth: 8410 Feet last 24 Hrs: 588

Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 0
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 7000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
7	6 1/8	HCC	STX-44CD	5215481	3x12	3	588	666649		3	3	WT	A	6	I	BT	HR

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

16:40	0.3333	SVC	Survey Circulating @ 8218' Inc 90.03 Az 176.63
17:00	2.2167	ROT	Rotary Drill fr: 8260 to 8324
19:13	0.1667	SVC	Survey Circulating C/S @ 8282' Inc 90.59 Az 176.41
19:23	0.9667	SLID	Slide Drill fr: 8324 to 8339 15' @ 135° R
20:21	1.2833	ROT	Rotary Drill fr: 8339 to 8387
21:38	0.2	SVC	Survey Circulating @ 8345' Inc 89.63 Az 177.69
21:50	1.1	SLID	Slide Drill fr: 8387 to 8392 5' @ 125 R
22:56	0.2333	ROT	Rotary Drill fr: 8392 to 8402
23:10	0.8333	SLID	Slide Drill fr: 8402 to 8410 Slide 8' 125 R

DAILY DRILLING REPORT

No: 17 Date: 04/Apr/201

NTEQ

Company: Sandridge Energy Well Name & No.: Taylor 3406 2-29H
 Field: Harper Co. Rig Contractor & No.: Unit Drilling 310
 County/Block/Parish: Harper BHA No(s) Today: 7
 Depth: 8941 Feet last 24 Hrs: 531 Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 0
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 70000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
7	6 1/8	HCC	STX-44CD	5215481	3x12	3	1119	666675	8941	3	3	WT	A	6	I	BT	HR

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.1167	SLID	Slide Drill fr: 8410 to 8412 2' @ 125 R
0:07	0.3	ROT	Rotary Drill fr: 8412 to 8418
0:25	0.3	RIGS	Rig Service R/S and connection
0:43	0.9833	ROT	Rotary Drill fr: 8418 to 8450
1:42	0.3	SVC	Survey Circulating @ 8408' Inc 89.11 Az 178.91
2:00	1.1	SLID	Slide Drill fr: 8450 to 8465 15' @ 110 R
3:06	1.3167	ROT	Rotary Drill fr: 8465 to 8513
4:25	0.3333	SVC	Survey Circulating C/S @ 8471' Inc 88.71 Az 180.45
4:45	1.0667	SLID	Slide Drill fr: 8513 to 8528 15' @ 65R
5:49	2.6833	ROT	Rotary Drill fr: 8528 to 8608
8:30	0.3333	SVC	Survey Circulating Cxn/Svy 8566' Inc 89.44 Az 181.73
8:50	1.1667	ROT	Rotary Drill fr: 8608 to 8640
10:00	0.25	SVC	Survey Circulating 8598' Inc 90.15 Az 181.77

24 Hr Summary: Drill ahead from 8410' to
 Proj svy at 0:00: 8410 4702 89.6 178
 Proj svy at 24:00: 8941 4707 88.27 181.45
 Bottom Hole Temp. (F), Circulating: 133
 Formation Name/Depth: _____
 Remarks: _____

BHI DIRECTIONAL REP Josh Wiles, Barry Maberry
 BHI MWD REP.: Bill Kilmer, Brian Johnson
 COMPANY REP.: Buddy Laroux
 DAILY COST: \$9,425.25
 CUMMULATIVE COST: \$253,446.00
 BHI JOB #: 5373760

DAILY DRILLING REPORT

No: 17 Date: 04/Apr/201

NTEQ

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

County/Block/Parish: Harper

BHA No(s) Today: 7

Depth: 8941 Feet last 24 Hrs: 531

Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 0
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 70000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
7	6 1/8	HCC	STX-44CD	5215481	3x12	3	1119	666675	8941	3	3	WT	A	6	I	BT	HR

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

10:15	1.5667	ROT	Rotary Drill fr: 8640 to 8680
11:49	0.35	ONC	Other Non-circulating Change Out Bad Joint Pipe
12:10	0.6167	ROT	Rotary Drill fr: 8680 to 8703
12:47	0.3333	RIGS	Rig Service Rig Service
13:07	0.1667	SVC	Survey Circulating Cxn/Svy 8661' Inc 90.28 Az 181.14
13:17	3.55	ROT	Rotary Drill fr: 8703 to 8798
16:50	0.25	SVC	Survey Circulating 8756' Inc 91.70 Az 181.36
17:05	0.8333	SLID	Slide Drill fr: 8798 to 8813 TF=160R
17:55	2.3833	ROT	Rotary Drill fr: 8813 to 8893
20:18	0.3333	SVC	Survey Circulating C/S @ 8851 Inc 87.90 Az 181.49
20:38	0.5333	SLID	Slide Drill fr: 8893 to 8903 10' HS
21:10	1.4333	ROT	Rotary Drill fr: 8903 to 8941 Spikes to 365 in diff, TOO H for bit and mtr.
22:36	0.1667	SVC	Survey Circulating Chk @ 8899' Inc 88.27 Az 181.45
22:46	1.2333	TO	Tripping Out (To Surface) TO for bit

DAILY DRILLING REPORT

No: 18 Date: 05/Apr/201

NTEQ

Company: <u>Sandridge Energy</u>	Well Name & No.: <u>Taylor 3406 2-29H</u>
Field: <u>Harper Co.</u>	Rig Contractor & No.: <u>Unit Drilling 310</u>
County/Block/Parish: <u>Harper</u>	BHA No(s) Today: <u>7,8</u>
Depth: <u>9193</u> Feet last 24 Hrs: <u>252</u>	Last CSG Depth: <u>5323</u> Size: <u>9.625</u>

MUD DATA

Mud Type <u>WBM</u>	Weight: <u>9.1</u>	Viscosity: <u>27</u>	PV: <u>1</u>	YP: <u>1</u>	WL: <u>60</u>
Gels: <u>1/1</u>	% Oil: <u>0</u>	% Solid: <u>5.6</u>	% Sand: <u>0</u>	PH: <u>9</u>	CL: <u>75000</u>

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
7	6 1/8	HCC	TX-44CD	5215481	3x12	3	1119	666675	8941	3	3	WT	A	6	I	BT	HR
8	6 1/8	HCC	TX-44CD	5217816	3x16	3	252	333146		3	3	WT	C	4	I	NO	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.25	TO	Tripping Out (To Surface)
0:15	0.1667	CIRC	Circulate Orient tool to pull through sidetrack section.
0:25	3.5833	TO	Tripping Out (To Surface) For bit trip
4:00	0.3333	ONC	Other Non-circulating L/D Bit and Motor
4:20	0.5833	ONC	Other Non-circulating P/U Motor and scribe
4:55	0.1667	OC	Other Circulating Test
5:05	0.1167	ONC	Other Non-circulating M/U Bit
5:12	4.8	TI	Tripping In (From Surface)
10:00	0.25	OC	Other Circulating Check Shot to Confirm in Sidetrack
10:15	2.25	TI	Tripping In (From Surface)
12:30	0.7833	ROT	Rotary Drill fr: 8941 to 8988
13:17	0.25	SVC	Survey Circulating Cxn/Svy 8946' Inc 88.05 Az 181.99

24 Hr Summary: TOH, Chg tools & bit, TIH, Resume drilling.

Proj svy at 0:00: 8941 4707 88.27 181.45

Proj svy at 24:00: 9190 4712 90.37 181.75

Bottom Hole Temp. (F), Circulating: 133

Formation Name/Depth: _____

Remarks:
Drilled from 8941', to 9193'

BHI DIRECTIONAL REP Josh Wiles, Barry Maberry

BHI MWD REP.: Bill Kilmer, Brian Johnson

COMPANY REP.: Buddy Laroux

DAILY COST: \$4,473.00

CUMMULATIVE COST: \$257,919.00

BHI JOB #: 5373760

DAILY DRILLING REPORT

No: 18 Date: 05/Apr/201

NTEQ

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

County/Block/Parish: Harper

BHA No(s) Today: 7,8

Depth: 9193 Feet last 24 Hrs: 252

Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 60
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 75000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
7	6 1/8	HCC	TX-44CD	5215481	3x12	3	1119	666675	8941	3	3	WT	A	6	I	BT	HR
8	6 1/8	HCC	TX-44CD	5217816	3x16	3	252	333146		3	3	WT	C	4	I	NO	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

13:32	1.05	SLID	Slide Drill fr: 8988 to 9003 TF=HS
14:35	2.3167	ROT	Rotary Drill fr: 9003 to 9083
16:54	0.25	SVC	Survey Circulating C/S @ 9041' Inc 89.04 Az 181.50
17:09	1.1667	SLID	Slide Drill fr: 9083 to 9103 20' @ HS
18:19	0.6833	ROT	Rotary Drill fr: 9103 to 9146
19:00	0.1667	SVC	Survey Circulating Chk @ 9104' Inc 89.57 Az 181.40
19:10	0.6	OC	Other Circulating Hole tight, worked pipe to clean hole.
19:46	1.7667	SLID	Slide Drill fr: 9146 to 9166 20' @ 25 R
21:32	0.45	ROT	Rotary Drill fr: 9166 to 9178
21:59	0.35	SVC	Survey Circulating C/S @ 9136' Inc 88.71 Az 181.37
22:20	1.5333	SLID	Slide Drill fr: 9178 to 9190
23:52	0.1333	ROT	Rotary Drill fr: 9190 to 9193

DAILY DRILLING REPORT

No: 19 Date: 06/Apr/201

NTEQ

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

County/Block/Parish: Harper

BHA No(s) Today: 8

Depth: 9550 Feet last 24 Hrs: 357

Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 60
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 75000

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
8	6 1/8	HCC	STX-44CD	5217816	3x16	3	609	666648	9550	3	3	WT	C	4	I	NO	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

TIME BREAKDOWN

From	HRS	Code	Description
0:00	0.3833	ROT	Rotary Drill fr: 9193 to 9209
0:23	0.2667	SVC	Survey Circulating Chk @ 9167' 90.37 Az 181.75
0:39	1.0167	ROT	Rotary Drill fr: 9209 to 9241
1:40	0.1667	SVC	Survey Circulating Chk @ 9199' Inc 90.37 Az 181.75
1:50	0.9667	ROT	Rotary Drill fr: 9241 to 9273
2:48	0.3667	SVC	Survey Circulating C/S @ 9231' Inc 91.74 Az 181.62
3:10	1.6667	SLID	Slide Drill fr: 9273 to 9285 12' @ 30 R
4:50	2.4	ROT	Rotary Drill fr: 9285 to 9367
7:14	0.2667	RIGS	Rig Service TOP Drive
7:30	0.1667	SVC	Survey Circulating Cxn/Svy 9325' Inc 92.99 Az 182.34
7:40	1.75	ROT	Rotary Drill fr: 9367 to 9462
9:25	0.25	SVC	Survey Circulating Cxn/Svy 9420' Inc 93.68 Az 181.88
9:40	1.25	ROT	Rotary Drill fr: 9462 to 9550

24 Hr Summary: Drill lateral from 9193' to 9550'
 Proj svy at 0:00: 9190 4712 90.37 181.75
 Proj svy at 24:00: NONE ENTERED
 Bottom Hole Temp. (F), Circulating: 133
 Formation Name/Depth: _____
 Remarks:
Achieved TD of well.

BHI DIRECTIONAL REP Josh Wiles, Barry Maberry
 BHI MWD REP.: Bill Kilmer, Brian Johnson
 COMPANY REP.: Buddy Laroux
 DAILY COST: \$6,336.75
 CUMMULATIVE COST: \$264,255.75
 BHI JOB #: 5373760

DAILY DRILLING REPORT

No: 19 Date: 06/Apr/201

NTEQ

Company: Sandridge Energy

Well Name & No.: Taylor 3406 2-29H

Field: Harper Co.

Rig Contractor & No.: Unit Drilling 310

County/Block/Parish: Harper

BHA No(s) Today: 8

Depth: 9550 Feet last 24 Hrs: 357

Last CSG Depth: 5323 Size: 9.625

MUD DATA

Mud Type WBM Weight: 9.1 Viscosity: 27 PV: 1 YP: 1 WL: 60
 Gels: 1/1 % Oil: 0 % Solid: 5.6 % Sand: 0 PH: 9 CL: 7500

BIT DATA

No.	Bit Size	Mfr	Type	Serial No.	Noz. or TFA	Gauge Length	Cum. Footage	Cum. Hours	Depth Out	DULL CONDITION							
										IR	OR	DC	LOC	B/S	G/16	OC	RPLD
8	6 1/8	HCC	STX-44CD	5217816	3x16	3	609	666648	9550	3	3	WT	C	4	I	NO	TD

MOTOR DATA / RUN DATA

BHA No.	Size	Type	Deflection		Serial Number	Avg Diff. Press.	Drill Hrs. Today	Drill Hrs. Accum.	Circ. Hrs. Today	Circ. Hrs. Accum.	Depth In	Depth Out
			Tool	Angle								

PUMP DATA

Pump #	Liner X Stroke	Gal. / Stroke	Max Allowable SPP
1	6x9	3.14	3500
2	6x9	3.14	3500

TARGET DESCRIPTION / DETAILS

10:55	0.1667	SVC	Survey Circulating Svy @ TD 9508' Inc 93.42 Az 182.01
11:05	6.9167	TO	Tripping Out (To Surface)
18:00	0.75	ONC	Other Non-circulating Lay Down Tools