

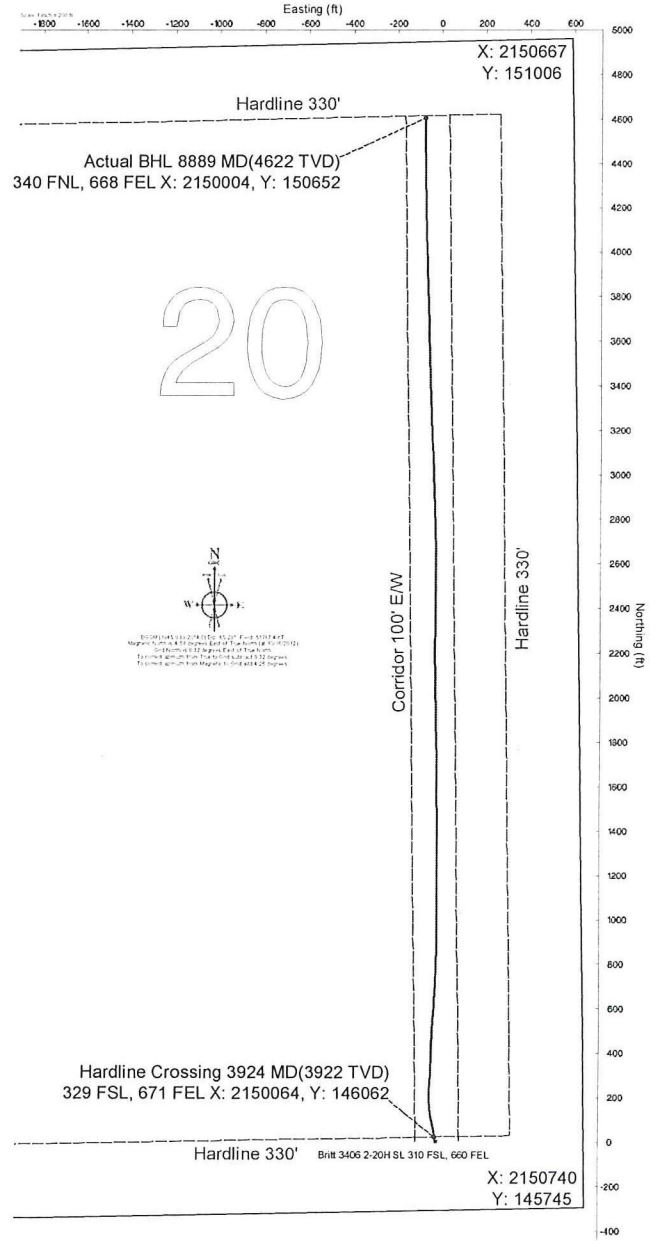
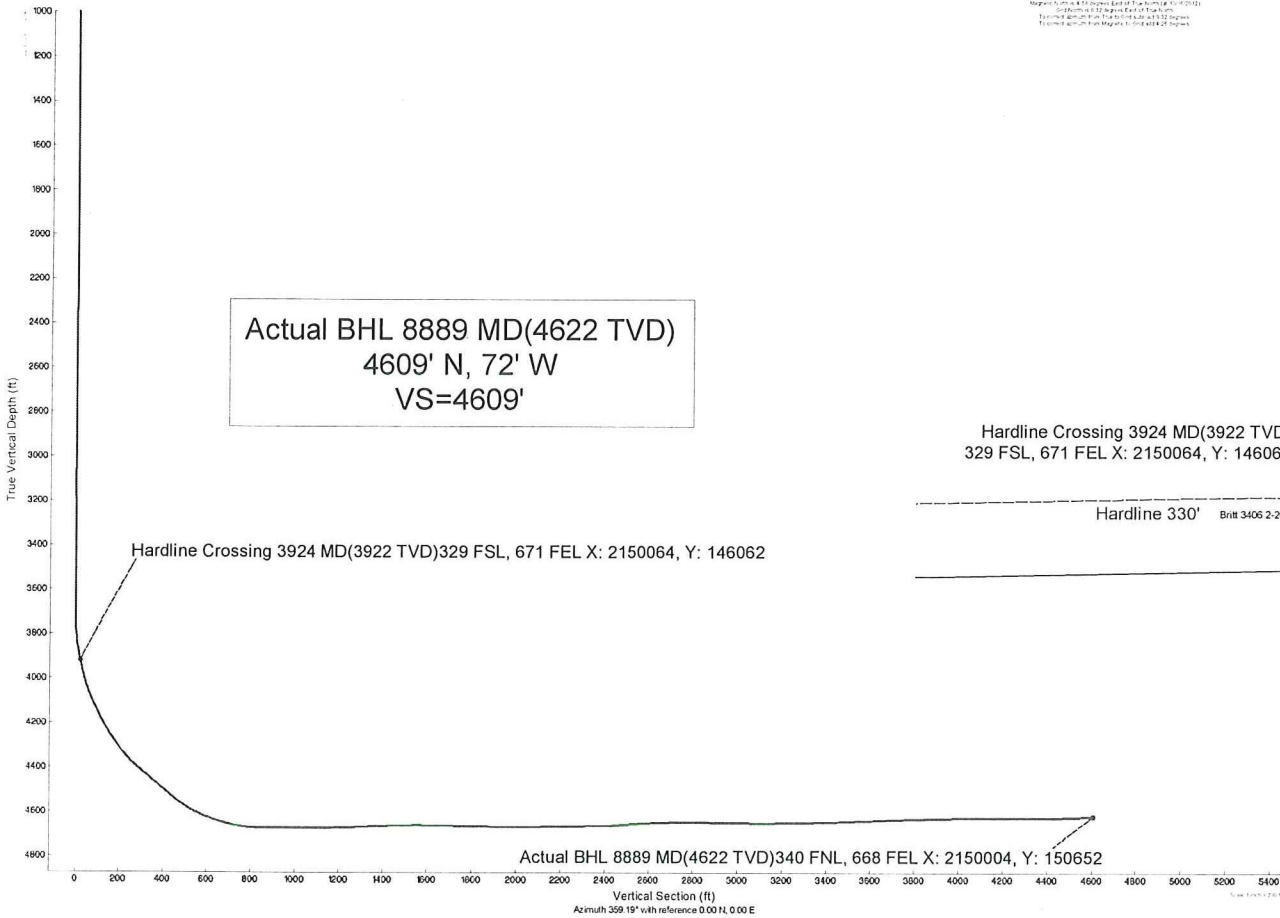
Sandridge Energy

Britt 3406 2-20H (Final)

Britt 3406 2-20H SL 310 FSL, 660 FEL

Harper County, Kansas (Sandridge Energy) NAD27 / Grid

| Plot reference well/path is Plan 1 | | Grid System: NAD27 / Lambert Kansas SP, Southern Zone (1502), US feet | | | | |
|--|-------------------|---|-------------------|--------------------|-----------------|----------------|
| True vertical depths are referenced to Unit 310 (KB) | | North Reference: Grid north | | | | |
| Measured depths are referenced to Unit 310 (KB) | | Scale: True distance | | | | |
| Unit 310 (KB) to Mean Sea Level: 1313 feet | | Depths are in feet | | | | |
| Mean Sea Level to Mud line (At Slot: Britt 3406 2-20H SL 310 FSL, 660 FEL): -1298 feet | | Created by: brouman on 10/16/2012 | | | | |
| Coordinates are in feet referenced to Slot | | | | | | |
| Location Information | | | | | | |
| Facility Name | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude | | |
| Britt 3406 2-20H Sec. 20-34S-6W | 2150076.000 | 146043.000 | 37°03'59.8111"N | 97°59'08.457"W | | |
| Slot | Local E (ft) | Local N (ft) | Grid East (US ft) | Grid North (US ft) | Latitude | Longitude |
| Britt 3406 2-20H SL 310 FSL, 660 FEL | 0.00 | 0.00 | 2150076.000 | 146043.000 | 37°03'59.8111"N | 97°59'08.457"W |
| Unit 310 (KB) to Mud line (At Slot: Britt 3406 2-20H SL 310 FSL, 660 FEL) | | | | 15ft | | |
| Mean Sea Level to Mud line (At Slot: Britt 3406 2-20H SL 310 FSL, 660 FEL) | | | | -1298ft | | |
| Unit 310 (KB) to Mean Sea Level | | | | 1313ft | | |





Actual Wellpath Report

Sandridge Britt 3406 2-20H_Final Surveys.

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---|----------|--------------------------------------|
| Operator | Sandridge Energy | Slot | Britt 3406 2-20H SL 310 FSL, 660 FEL |
| Area | Kansas | Well | Subject |
| Field | Harper County, Kansas (Sandridge Energy) NAD27 / Grid | Wellbore | Britt 3406 2-20H Actual |
| Facility | Britt 3406 2-20H Sec. 20-34S-6W | | |

| 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 | Broomarl |
| Scale | 1.00005 | Report Generated | 10/30/2012 at 10:26:14 AM |
| Wellbore last revised | 10-16-2012 | Database/Source file | WA_OldahomaCity |

| 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 | 2150076.00 | 146043.00 | 37°03'59.811"N | 97°59'08.457"W |
| Facility Reference Pt | | | 2150076.00 | 146043.00 | 37°03'59.811"N | 97°59'08.457"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 | 1313.00ft |
| Vertical Reference Pt | Unit 310 (KB) | Unit 310 (KB) to Mud Line at Slot (Britt 3406 2-20H SL 310 FSL, 660 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 | 359.19° |



Actual Wellpath Report

Sandridge Britt 3406 2-20H_Final Surveys.

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---|----------|--------------------------------------|
| Operator | Sandridge Energy | Slot | Britt 3406 2-20H SL 310 FSL, 660 FEL |
| Area | Kansas | Well | Subject |
| Field | Harper County, Kansas (Sandridge Energy) NAD27 / Grid | Wellbore | Britt 3406 2-20H Actual |
| Facility | Britt 3406 2-20H Sec. 20-34S-6W | | |

WELLPATH DATA (121 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] | Log Comment |
|---------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|---------------|---|
| 0.00 | 0.000 | 274.740 | 0.00 | 0.00 | 0.00 | 0.00 | 2150076.00 | 146043.00 | 0.00 | |
| 15.00 | 0.000 | 274.740 | 15.00 | 0.00 | 0.00 | 0.00 | 2150076.00 | 146043.00 | 0.00 | |
| 818.00 | 0.960 | 274.740 | 817.96 | 0.65 | 0.56 | -6.70 | 2150069.30 | 146043.56 | 0.12 | |
| 910.00 | 0.830 | 275.560 | 909.95 | 0.80 | 0.68 | -8.14 | 2150067.86 | 146043.68 | 0.14 | |
| 1001.00 | 0.690 | 278.190 | 1000.94 | 0.96 | 0.83 | -9.33 | 2150066.67 | 146043.83 | 0.16 | |
| 1093.00 | 0.550 | 250.780 | 1092.94 | 0.90 | 0.76 | -10.30 | 2150065.70 | 146043.76 | 0.35 | |
| 1185.00 | 0.260 | 237.790 | 1184.94 | 0.66 | 0.50 | -10.89 | 2150065.11 | 146043.50 | 0.33 | |
| 1277.00 | 0.310 | 184.880 | 1276.93 | 0.30 | 0.14 | -11.09 | 2150064.91 | 146043.14 | 0.28 | |
| 1369.00 | 0.340 | 147.650 | 1368.93 | -0.18 | -0.33 | -10.97 | 2150065.03 | 146042.67 | 0.23 | |
| 1461.00 | 0.440 | 95.840 | 1460.93 | -0.45 | -0.60 | -10.47 | 2150065.53 | 146042.40 | 0.38 | |
| 1557.00 | 0.230 | 90.550 | 1556.93 | -0.50 | -0.64 | -9.91 | 2150066.09 | 146042.36 | 0.22 | |
| 1650.00 | 0.490 | 115.400 | 1649.93 | -0.68 | -0.81 | -9.36 | 2150066.64 | 146042.19 | 0.32 | |
| 1742.00 | 0.660 | 115.690 | 1741.92 | -1.09 | -1.21 | -8.53 | 2150067.47 | 146041.79 | 0.18 | |
| 1932.00 | 0.400 | 34.390 | 1931.92 | -1.04 | -1.14 | -7.17 | 2150068.83 | 146041.86 | 0.38 | |
| 2027.00 | 0.450 | 43.270 | 2026.91 | -0.50 | -0.59 | -6.73 | 2150069.27 | 146042.41 | 0.09 | |
| 2121.00 | 0.480 | 72.450 | 2120.91 | -0.12 | -0.21 | -6.10 | 2150069.90 | 146042.79 | 0.25 | |
| 2217.00 | 0.430 | 121.580 | 2216.91 | -0.20 | -0.27 | -5.41 | 2150070.59 | 146042.73 | 0.40 | |
| 2312.00 | 0.690 | 193.970 | 2311.91 | -0.94 | -1.02 | -5.24 | 2150070.76 | 146041.98 | 0.73 | |
| 2407.00 | 0.500 | 154.090 | 2406.90 | -1.87 | -1.94 | -5.20 | 2150070.80 | 146041.06 | 0.47 | |
| 2502.00 | 0.180 | 91.510 | 2501.90 | -2.25 | -2.32 | -4.87 | 2150071.13 | 146040.68 | 0.47 | |
| 2597.00 | 0.230 | 110.010 | 2596.90 | -2.32 | -2.39 | -4.54 | 2150071.46 | 146040.61 | 0.09 | |
| 2692.00 | 0.150 | 163.170 | 2691.90 | -2.51 | -2.57 | -4.32 | 2150071.67 | 146040.43 | 0.19 | |
| 2787.00 | 0.140 | 247.870 | 2786.90 | -2.67 | -2.74 | -4.40 | 2150071.60 | 146040.26 | 0.21 | |
| 2882.00 | 0.280 | 172.150 | 2881.90 | -2.95 | -3.01 | -4.47 | 2150071.53 | 146039.99 | 0.30 | |
| 2977.00 | 0.470 | 171.450 | 2976.89 | -3.56 | -3.62 | -4.38 | 2150071.62 | 146039.37 | 0.20 | |
| 3072.00 | 0.250 | 169.240 | 3071.89 | -4.15 | -4.21 | -4.29 | 2150071.71 | 146038.79 | 0.23 | |
| 3167.00 | 0.310 | 322.280 | 3166.89 | -4.15 | -4.21 | -4.40 | 2150071.60 | 146038.79 | 0.57 | |
| 3262.00 | 0.820 | 305.970 | 3261.89 | -3.54 | -3.61 | -5.11 | 2150070.89 | 146039.39 | 0.56 | |
| 3357.00 | 0.860 | 302.660 | 3356.88 | -2.74 | -2.83 | -6.26 | 2150069.74 | 146040.17 | 0.07 | |
| 3453.00 | 0.170 | 69.120 | 3452.87 | -2.29 | -2.39 | -6.74 | 2150069.26 | 146040.61 | 1.01 | |
| 3548.00 | 0.230 | 356.120 | 3547.87 | -2.05 | -2.15 | -6.62 | 2150069.38 | 146040.85 | 0.26 | |
| 3643.00 | 0.360 | 238.440 | 3642.87 | -2.02 | -2.11 | -6.88 | 2150069.12 | 146040.89 | 0.54 | |
| 3738.00 | 0.830 | 263.280 | 3737.87 | -2.24 | -2.35 | -7.82 | 2150068.18 | 146040.65 | 0.55 | |
| 3770.00 | 2.420 | 337.490 | 3769.86 | -1.64 | -1.75 | -8.31 | 2150067.69 | 146041.25 | 7.30 | |
| 3801.00 | 4.780 | 346.880 | 3800.79 | 0.23 | 0.11 | -8.85 | 2150067.15 | 146043.11 | 7.82 | |
| 3833.00 | 7.280 | 350.260 | 3832.61 | 3.54 | 3.41 | -9.50 | 2150066.50 | 146046.41 | 7.89 | |
| 3865.00 | 9.680 | 351.850 | 3864.26 | 8.21 | 8.07 | -10.22 | 2150065.77 | 146051.07 | 7.53 | |
| 3896.00 | 11.430 | 352.510 | 3894.74 | 13.85 | 13.69 | -10.99 | 2150065.00 | 146056.70 | 5.66 | |
| 3924.00 | 12.191 | 352.536 | 3922.14 | 19.54 | 19.38 | -11.74 | 2150064.26 | 146062.38 | 2.72 | Hardline Crossing 3924 MD(3922 TVD)329 FSL, 671 FEL X: 2150064, Y: 14 |
| 3928.00 | 12.300 | 352.540 | 3926.05 | 20.38 | 20.22 | -11.85 | 2150064.15 | 146063.22 | 2.72 | |
| 3960.00 | 13.370 | 352.730 | 3957.25 | 27.45 | 27.27 | -12.76 | 2150063.24 | 146070.27 | 3.35 | |
| 3992.00 | 14.510 | 351.700 | 3988.31 | 35.10 | 34.91 | -13.81 | 2150062.19 | 146077.91 | 3.65 | |
| 4023.00 | 17.230 | 350.130 | 4018.12 | 43.48 | 43.27 | -15.16 | 2150060.84 | 146086.27 | 8.88 | |
| 4055.00 | 20.520 | 349.550 | 4048.40 | 53.69 | 53.46 | -16.99 | 2150059.01 | 146096.46 | 10.30 | |
| 4086.00 | 23.740 | 348.450 | 4077.11 | 65.18 | 64.92 | -19.22 | 2150056.78 | 146107.92 | 10.47 | |



Actual Wellpath Report

Sandridge Britt 3406 2-20H_Final Surveys.

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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---|----------|--------------------------------------|
| Operator | Sandridge Energy | Slot | Britt 3406 2-20H SL 310 FSL, 660 FEL |
| Area | Kansas | Well | Subject |
| Field | Harper County, Kansas (Sandridge Energy) NAD27 / Grid | Wellbore | Britt 3406 2-20H Actual |
| Facility | Britt 3406 2-20H Sec. 20-34S-6W | | |

WELLPATH DATA (121 stations)

| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | DLS [°/100ft] | Log Comment |
|---------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|---------------|-------------|
| 4118.00 | 26.680 | 347.860 | 4106.06 | 78.56 | 78.26 | -22.02 | 2150053.98 | 146121.26 | 9.22 | |
| 4150.00 | 28.470 | 348.090 | 4134.43 | 93.09 | 92.75 | -25.11 | 2150050.89 | 146135.75 | 5.60 | |
| 4181.00 | 27.610 | 348.780 | 4161.79 | 107.41 | 107.02 | -28.03 | 2150047.97 | 146150.03 | 2.96 | |
| 4211.00 | 27.850 | 350.560 | 4188.34 | 121.17 | 120.75 | -30.53 | 2150045.47 | 146163.76 | 2.87 | |
| 4249.00 | 30.190 | 352.720 | 4221.57 | 139.44 | 138.99 | -33.20 | 2150042.80 | 146182.00 | 6.75 | |
| 4280.00 | 31.750 | 355.260 | 4248.15 | 155.33 | 154.85 | -34.86 | 2150041.14 | 146197.86 | 6.56 | |
| 4312.00 | 34.190 | 357.590 | 4275.00 | 172.72 | 172.23 | -35.94 | 2150040.06 | 146215.24 | 8.59 | |
| 4344.00 | 36.230 | 359.140 | 4301.14 | 191.16 | 190.67 | -36.46 | 2150039.54 | 146233.68 | 6.96 | |
| 4375.00 | 38.540 | 0.840 | 4325.77 | 209.98 | 209.49 | -36.45 | 2150039.55 | 146252.50 | 8.16 | |
| 4407.00 | 41.380 | 1.830 | 4350.30 | 230.52 | 230.03 | -35.97 | 2150040.03 | 146273.04 | 9.09 | |
| 4438.00 | 44.500 | 3.100 | 4372.99 | 251.60 | 251.13 | -35.05 | 2150040.95 | 146294.14 | 10.44 | |
| 4470.00 | 47.670 | 3.010 | 4395.18 | 274.59 | 274.14 | -33.82 | 2150042.17 | 146317.16 | 9.91 | |
| 4515.00 | 50.620 | 3.200 | 4424.61 | 308.55 | 308.13 | -31.98 | 2150044.02 | 146351.14 | 6.56 | |
| 4565.00 | 50.990 | 2.200 | 4456.21 | 347.22 | 346.83 | -30.16 | 2150045.84 | 146389.85 | 1.72 | |
| 4610.00 | 50.930 | 1.760 | 4484.56 | 382.13 | 381.76 | -28.95 | 2150047.05 | 146424.78 | 0.77 | |
| 4661.00 | 50.310 | 0.850 | 4516.91 | 421.53 | 421.17 | -28.05 | 2150047.95 | 146464.19 | 1.84 | |
| 4692.00 | 51.260 | 1.310 | 4536.51 | 445.53 | 445.19 | -27.60 | 2150048.40 | 146488.21 | 3.27 | |
| 4724.00 | 54.050 | 2.300 | 4555.92 | 470.94 | 470.61 | -26.79 | 2150049.21 | 146513.63 | 9.06 | |
| 4756.00 | 57.010 | 3.010 | 4574.03 | 497.27 | 496.96 | -25.57 | 2150050.43 | 146539.98 | 9.43 | |
| 4787.00 | 60.590 | 3.540 | 4590.09 | 523.71 | 523.43 | -24.05 | 2150051.95 | 146566.45 | 11.64 | |
| 4819.00 | 63.860 | 4.000 | 4605.00 | 551.93 | 551.68 | -22.19 | 2150053.81 | 146594.70 | 10.30 | |
| 4851.00 | 67.250 | 3.770 | 4618.24 | 580.96 | 580.74 | -20.21 | 2150055.79 | 146623.76 | 10.61 | |
| 4882.00 | 70.100 | 3.440 | 4629.51 | 609.75 | 609.55 | -18.40 | 2150057.60 | 146652.58 | 9.25 | |
| 4914.00 | 72.340 | 3.280 | 4639.81 | 639.97 | 639.80 | -16.62 | 2150059.38 | 146682.82 | 7.02 | |
| 4946.00 | 74.140 | 3.480 | 4649.04 | 670.52 | 670.38 | -14.82 | 2150061.18 | 146713.41 | 5.66 | |
| 4977.00 | 76.800 | 3.260 | 4656.82 | 700.45 | 700.34 | -13.05 | 2150062.95 | 146743.37 | 8.61 | |
| 5009.00 | 79.580 | 2.960 | 4663.36 | 731.70 | 731.61 | -11.35 | 2150064.65 | 146774.64 | 8.74 | |
| 5041.00 | 81.410 | 2.060 | 4668.65 | 763.20 | 763.14 | -9.97 | 2150066.03 | 146806.17 | 6.36 | |
| 5072.00 | 84.680 | 1.750 | 4672.40 | 793.94 | 793.89 | -8.95 | 2150067.05 | 146836.92 | 10.59 | |
| 5104.00 | 88.240 | 0.870 | 4674.38 | 825.85 | 825.81 | -8.22 | 2150067.78 | 146868.85 | 11.46 | |
| 5165.00 | 89.810 | 0.550 | 4675.42 | 886.82 | 886.80 | -7.46 | 2150068.54 | 146929.84 | 2.63 | |
| 5229.00 | 89.910 | 359.980 | 4675.57 | 950.80 | 950.80 | -7.17 | 2150068.83 | 146993.84 | 0.90 | |
| 5323.00 | 89.660 | 0.500 | 4675.92 | 1044.79 | 1044.80 | -6.77 | 2150069.22 | 147087.84 | 0.61 | |
| 5418.00 | 91.450 | 0.070 | 4675.00 | 1139.76 | 1139.79 | -6.30 | 2150069.70 | 147182.84 | 1.94 | |
| 5513.00 | 91.970 | 359.860 | 4672.17 | 1234.71 | 1234.74 | -6.36 | 2150069.64 | 147277.80 | 0.59 | |
| 5608.00 | 91.990 | 359.380 | 4668.89 | 1329.65 | 1329.68 | -6.99 | 2150069.01 | 147372.74 | 0.51 | |
| 5702.00 | 91.940 | 359.870 | 4665.66 | 1423.59 | 1423.63 | -7.60 | 2150068.39 | 147466.69 | 0.52 | |
| 5797.00 | 90.860 | 359.510 | 4663.34 | 1518.56 | 1518.60 | -8.12 | 2150067.88 | 147561.66 | 1.20 | |
| 5892.00 | 88.910 | 359.640 | 4663.53 | 1613.55 | 1613.59 | -8.82 | 2150067.18 | 147656.66 | 2.06 | |
| 5955.00 | 88.670 | 359.410 | 4664.86 | 1676.54 | 1676.57 | -9.35 | 2150066.65 | 147719.64 | 0.53 | |
| 6019.00 | 88.420 | 358.700 | 4666.49 | 1740.52 | 1740.54 | -10.40 | 2150065.60 | 147783.62 | 1.18 | |
| 6082.00 | 89.570 | 358.110 | 4667.59 | 1803.50 | 1803.51 | -12.15 | 2150063.85 | 147846.58 | 2.05 | |
| 6145.00 | 89.140 | 358.660 | 4668.30 | 1866.49 | 1866.48 | -13.93 | 2150062.07 | 147909.56 | 1.11 | |
| 6208.00 | 89.050 | 358.950 | 4669.30 | 1929.48 | 1929.46 | -15.24 | 2150060.76 | 147972.54 | 0.48 | |
| 6272.00 | 89.780 | 358.510 | 4669.95 | 1993.47 | 1993.44 | -16.66 | 2150059.34 | 148036.52 | 1.33 | |

Actual Wellpath Report

Sandridge Britt 3406 2-20H_Final Surveys.

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| REFERENCE WELLPATH IDENTIFICATION | | | | |
|-----------------------------------|---|--|----------|--------------------------------------|
| Operator | Sandridge Energy | | Slot | Britt 3406 2-20H SL 310 FSL, 660 FEL |
| Area | Kansas | | Well | Subject |
| Field | Harper County, Kansas (Sandridge Energy) NAD27 / Grid | | Wellbore | Britt 3406 2-20H Actual |
| Facility | Britt 3406 2-20H Sec. 20-34S-6W | | | |

| WELLPATH DATA (121 stations) | | | | | | | | | | | |
|------------------------------|-----------------|-------------|----------|----------------|------------|-----------|-------------------|--------------------|---------------|---|--|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | DLS [°/100ft] | Log Comment | |
| 6366.00 | 91.190 | 359.230 | 4669.16 | 2087.46 | 2087.41 | -18.52 | 2150057.48 | 148130.50 | 1.68 | | |
| 6461.00 | 90.800 | 359.670 | 4667.51 | 2182.45 | 2182.39 | -19.43 | 2150056.57 | 148225.49 | 0.62 | | |
| 6556.00 | 90.560 | 0.880 | 4666.38 | 2277.42 | 2277.38 | -18.97 | 2150057.03 | 148320.48 | 1.30 | | |
| 6651.00 | 91.390 | 0.420 | 4664.76 | 2372.38 | 2372.36 | -17.89 | 2150058.11 | 148415.46 | 1.00 | | |
| 6747.00 | 94.320 | 0.730 | 4659.98 | 2468.22 | 2468.23 | -16.93 | 2150059.07 | 148511.33 | 3.07 | | |
| 6810.00 | 93.010 | 359.420 | 4655.95 | 2531.08 | 2531.10 | -16.85 | 2150059.15 | 148574.20 | 2.94 | | |
| 6905.00 | 92.250 | 359.250 | 4651.60 | 2625.98 | 2625.99 | -17.95 | 2150058.05 | 148669.10 | 0.82 | | |
| 6968.00 | 91.720 | 358.990 | 4649.41 | 2688.94 | 2688.94 | -18.92 | 2150057.08 | 148732.06 | 0.94 | | |
| 7031.00 | 90.370 | 358.560 | 4648.26 | 2751.93 | 2751.92 | -20.26 | 2150055.73 | 148795.04 | 2.25 | | |
| 7126.00 | 89.140 | 357.920 | 4648.67 | 2846.91 | 2846.87 | -23.18 | 2150052.82 | 148889.99 | 1.46 | | |
| 7189.00 | 88.800 | 357.800 | 4649.80 | 2909.88 | 2909.81 | -25.53 | 2150050.46 | 148952.94 | 0.57 | | |
| 7252.00 | 89.380 | 358.380 | 4650.80 | 2972.86 | 2972.77 | -27.63 | 2150048.36 | 149015.90 | 1.30 | | |
| 7316.00 | 89.040 | 357.440 | 4651.69 | 3036.84 | 3036.72 | -29.97 | 2150046.03 | 149079.85 | 1.56 | | |
| 7411.00 | 90.150 | 357.130 | 4652.36 | 3131.79 | 3131.61 | -34.47 | 2150041.53 | 149174.75 | 1.21 | | |
| 7505.00 | 91.080 | 357.920 | 4651.35 | 3225.74 | 3225.52 | -38.53 | 2150037.47 | 149268.66 | 1.30 | | |
| 7562.00 | 90.800 | 358.230 | 4650.41 | 3282.72 | 3282.48 | -40.44 | 2150035.56 | 149325.62 | 0.73 | | |
| 7625.00 | 91.200 | 358.150 | 4649.31 | 3345.70 | 3345.43 | -42.43 | 2150033.57 | 149388.58 | 0.65 | | |
| 7720.00 | 91.730 | 358.260 | 4646.89 | 3440.65 | 3440.36 | -45.41 | 2150030.59 | 149483.51 | 0.57 | | |
| 7815.00 | 92.180 | 358.340 | 4643.64 | 3535.59 | 3535.26 | -48.22 | 2150027.78 | 149578.41 | 0.48 | | |
| 7910.00 | 92.660 | 359.320 | 4639.63 | 3630.50 | 3630.15 | -50.16 | 2150025.84 | 149673.31 | 1.15 | | |
| 8005.00 | 91.600 | 358.040 | 4636.10 | 3725.43 | 3725.06 | -52.35 | 2150023.65 | 149768.22 | 1.75 | | |
| 8100.00 | 91.510 | 358.080 | 4633.52 | 3820.37 | 3819.97 | -55.56 | 2150020.44 | 149863.13 | 0.10 | | |
| 8195.00 | 91.320 | 358.530 | 4631.18 | 3915.33 | 3914.90 | -58.37 | 2150017.63 | 149958.07 | 0.51 | | |
| 8289.00 | 90.650 | 357.720 | 4629.56 | 4009.30 | 4008.83 | -61.45 | 2150014.55 | 150052.01 | 1.12 | | |
| 8384.00 | 89.880 | 358.360 | 4629.12 | 4104.28 | 4103.78 | -64.70 | 2150011.30 | 150146.95 | 1.05 | | |
| 8479.00 | 90.250 | 358.690 | 4629.01 | 4199.27 | 4198.74 | -67.14 | 2150008.86 | 150241.93 | 0.52 | | |
| 8574.00 | 90.280 | 359.240 | 4628.58 | 4294.27 | 4293.73 | -68.86 | 2150007.14 | 150336.91 | 0.58 | | |
| 8668.00 | 90.120 | 358.930 | 4628.25 | 4388.27 | 4387.71 | -70.36 | 2150005.64 | 150430.90 | 0.37 | | |
| 8762.00 | 91.490 | 359.450 | 4626.93 | 4482.26 | 4481.69 | -71.69 | 2150004.31 | 150524.89 | 1.56 | | |
| 8845.00 | 92.770 | 359.990 | 4623.84 | 4565.19 | 4564.63 | -72.09 | 2150003.90 | 150607.83 | 1.67 | | |
| 8889.00 | 92.770 | 359.990 | 4621.72 | 4609.14 | 4608.58 | -72.10 | 2150003.90 | 150651.78 | 0.00 | Actual BHL 8889 MD(4622 TVD)340 FNL, 668 FEL X: 2150004, Y: 150 | |

Actual Wellpath Report

Sandridge Britt 3406 2-20H_Final Surveys.

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---|----------|--------------------------------------|
| Operator | Sandridge Energy | Slot | Britt 3406 2-20H SL 310 FSL, 660 FEL |
| Area | Kansas | Well | Subject |
| Field | Harper County, Kansas (Sandridge Energy) NAD27 / Grid | Wellbore | Britt 3406 2-20H Actual |
| Facility | Britt 3406 2-20H Sec. 20-34S-6W | | |

| TARGETS | | | | | | | | | |
|------------------------|---------|----------|------------|-----------|-------------------|--------------------|----------------|----------------|-------|
| Name | MD [ft] | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude | Longitude | Shape |
| BHL 330' FNL, 660' FEL | | 4628.56 | 4618.80 | -65.00 | 2150011.00 | 150662.00 | 37°04'45.482"N | 97°59'08.944"W | point |

| WELLPATH COMPOSITION - Ref Wellbore: Britt 3406 2-20H Actual Ref Wellpath: AWP - Final | | | | |
|--|-------------|------------------------------|-------------------|-------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 15.00 | 8845.00 | NaviTrak (Standard) | INTEQ MWD | Britt 3406 2-20H Actual |
| 8845.00 | 8889.00 | Blind Drilling (std) | Projection to bit | Britt 3406 2-20H Actual |