

Planned Wellpath Report

LITTLE LADY 22-1NH REV-D.0 PWP

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| REPORT SETUP INFORMATION | | | |
|--------------------------|---|----------------------|---|
| Projection System | NAD83 / Lambert Colorado SP, Northern Zone (501), US feet | Software System | WellArchitect® 5.0 |
| North Reference | True | User | Guenaler |
| Scale | 1.000021 | Report Generated | 06/Sep/2019 at 10:04 |
| Convergence at slot | 0.62° East | Database/Source file | WA_DEN_Denver_Defn/LITTLE_LADY_22-1NH_REV-D.0_PWP.xml |

| 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 | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W |
| Facility Reference Pt | | | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W |
| Field Reference Pt | | | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W |

| WELLPATH DATUM | | | |
|--------------------------|--|--|-------------------|
| Calculation method | Minimum curvature | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) to Facility Vertical Datum | 5398.00ft |
| Horizontal Reference Pt | Slot | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) to Mean Sea Level | 5398.00ft |
| Vertical Reference Pt | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) to Ground Level at Slot (SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21)) | 5398.00ft |
| MD Reference Pt | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) | Section Origin | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level | Section Azimuth | 8.05° |

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| Area | COLORADO | Well | LITTLE LADY 22-1NH |
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| WELLPATH DATA (126 stations) † = interpolated/extrapolated station | | | | | | | | | | |
|--|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------|-----------------|------------------|----------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Latitude | Longitude | DLS [°/100ft] | Comments |
| 0.00† | 0.000 | 286.610 | 0.00 | 0.00 | 0.00 | 0.00 | 40°54'00.216"N | 104°32'34.260"W | 0.00 | |
| 18.00 | 0.000 | 286.610 | 18.00 | 0.00 | 0.00 | 0.00 | 40°54'00.216"N | 104°32'34.260"W | 0.00 | |
| 251.00 | 0.280 | 286.610 | 251.00 | 0.08 | 0.16 | -0.55 | 40°54'00.218"N | 104°32'34.267"W | 0.12 | |
| 630.00 | 0.650 | 304.800 | 629.99 | 1.19 | 1.65 | -3.20 | 40°54'00.232"N | 104°32'34.302"W | 0.10 | |
| 1009.00 | 0.650 | 297.980 | 1008.96 | 2.89 | 3.89 | -6.86 | 40°54'00.254"N | 104°32'34.349"W | 0.02 | |
| 1388.00 | 0.460 | 265.350 | 1387.94 | 3.29 | 4.78 | -10.28 | 40°54'00.263"N | 104°32'34.394"W | 0.10 | |
| 1511.00 | 0.360 | 288.310 | 1510.94 | 3.25 | 4.86 | -11.14 | 40°54'00.264"N | 104°32'34.405"W | 0.15 | |
| 1606.00 | 0.590 | 135.990 | 1605.94 | 3.00 | 4.60 | -11.08 | 40°54'00.261"N | 104°32'34.404"W | 0.97 | |
| 1701.00 | 1.060 | 150.900 | 1700.93 | 2.00 | 3.48 | -10.31 | 40°54'00.250"N | 104°32'34.394"W | 0.54 | |
| 1796.00 | 3.590 | 118.330 | 1795.85 | 0.27 | 1.30 | -7.27 | 40°54'00.229"N | 104°32'34.355"W | 2.90 | |
| 1892.00 | 5.100 | 118.190 | 1891.57 | -2.24 | -2.14 | -0.86 | 40°54'00.195"N | 104°32'34.271"W | 1.57 | |
| 1986.00 | 6.110 | 128.860 | 1985.12 | -6.24 | -7.26 | 6.72 | 40°54'00.144"N | 104°32'34.173"W | 1.54 | |
| 2081.00 | 7.220 | 138.990 | 2079.48 | -12.74 | -14.93 | 14.57 | 40°54'00.068"N | 104°32'34.070"W | 1.70 | |
| 2176.00 | 11.360 | 146.680 | 2173.22 | -23.68 | -27.26 | 23.63 | 40°53'59.947"N | 104°32'33.952"W | 4.54 | |
| 2271.00 | 10.640 | 120.340 | 2266.53 | -34.04 | -39.52 | 36.35 | 40°53'59.826"N | 104°32'33.787"W | 5.30 | |
| 2366.00 | 10.220 | 118.020 | 2359.96 | -40.24 | -47.91 | 51.36 | 40°53'59.743"N | 104°32'33.591"W | 0.63 | |
| 2461.00 | 10.840 | 119.260 | 2453.36 | -46.35 | -56.23 | 66.59 | 40°53'59.660"N | 104°32'33.393"W | 0.69 | |
| 2556.00 | 11.080 | 113.840 | 2546.63 | -52.07 | -64.29 | 82.74 | 40°53'59.581"N | 104°32'33.183"W | 1.11 | |
| 2652.00 | 10.150 | 115.070 | 2640.99 | -57.05 | -71.60 | 98.84 | 40°53'59.509"N | 104°32'32.973"W | 1.00 | |
| 2746.00 | 9.100 | 116.020 | 2733.66 | -61.77 | -78.37 | 113.02 | 40°53'59.442"N | 104°32'32.788"W | 1.13 | |
| 2841.00 | 9.920 | 125.420 | 2827.36 | -67.85 | -86.41 | 126.44 | 40°53'59.362"N | 104°32'32.613"W | 1.85 | |
| 2936.00 | 11.080 | 136.780 | 2920.78 | -77.32 | -97.81 | 139.36 | 40°53'59.250"N | 104°32'32.445"W | 2.49 | |
| 3031.00 | 10.500 | 116.320 | 3014.13 | -85.75 | -108.30 | 153.38 | 40°53'59.146"N | 104°32'32.263"W | 4.06 | |
| 3126.00 | 10.980 | 121.560 | 3107.47 | -92.07 | -116.88 | 168.85 | 40°53'59.061"N | 104°32'32.061"W | 1.14 | |
| 3222.00 | 9.900 | 117.510 | 3201.88 | -98.47 | -125.47 | 183.96 | 40°53'58.976"N | 104°32'31.864"W | 1.36 | |
| 3317.00 | 10.200 | 114.950 | 3295.42 | -103.64 | -132.79 | 198.83 | 40°53'58.904"N | 104°32'31.671"W | 0.57 | |
| 3412.00 | 11.160 | 123.580 | 3388.78 | -110.04 | -141.43 | 214.11 | 40°53'58.819"N | 104°32'31.472"W | 1.96 | |
| 3507.00 | 9.610 | 112.880 | 3482.23 | -116.04 | -149.60 | 229.08 | 40°53'58.738"N | 104°32'31.277"W | 2.60 | |
| 3602.00 | 11.640 | 124.030 | 3575.61 | -122.26 | -158.04 | 244.33 | 40°53'58.654"N | 104°32'31.078"W | 3.03 | |
| 3698.00 | 10.400 | 116.610 | 3669.84 | -129.27 | -167.35 | 260.11 | 40°53'58.562"N | 104°32'30.873"W | 1.96 | |

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| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| WELLPATH DATA (126 stations) | | | | | | | | | | |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------|-----------------|------------------|----------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Latitude | Longitude | DLS [°/100ft] | Comments |
| 3793.00 | 10.600 | 116.490 | 3763.25 | -134.76 | -175.08 | 275.59 | 40°53'58.486"N | 104°32'30.671"W | 0.21 | |
| 3888.00 | 10.580 | 117.650 | 3856.63 | -140.45 | -183.03 | 291.14 | 40°53'58.408"N | 104°32'30.469"W | 0.23 | |
| 3983.00 | 10.160 | 118.590 | 3950.08 | -146.31 | -191.09 | 306.22 | 40°53'58.328"N | 104°32'30.272"W | 0.48 | |
| 4078.00 | 10.610 | 114.710 | 4043.53 | -151.76 | -198.75 | 321.52 | 40°53'58.252"N | 104°32'30.073"W | 0.88 | |
| 4173.00 | 10.340 | 117.990 | 4136.94 | -157.17 | -206.41 | 337.00 | 40°53'58.176"N | 104°32'29.872"W | 0.69 | |
| 4268.00 | 10.070 | 117.330 | 4230.44 | -162.82 | -214.22 | 351.91 | 40°53'58.099"N | 104°32'29.677"W | 0.31 | |
| 4364.00 | 9.790 | 118.630 | 4325.00 | -168.46 | -221.99 | 366.53 | 40°53'58.023"N | 104°32'29.487"W | 0.37 | |
| 4459.00 | 10.480 | 116.560 | 4418.52 | -174.04 | -229.72 | 381.34 | 40°53'57.946"N | 104°32'29.294"W | 0.82 | |
| 4554.00 | 10.720 | 115.200 | 4511.90 | -179.39 | -237.35 | 397.07 | 40°53'57.871"N | 104°32'29.089"W | 0.36 | |
| 4649.00 | 10.540 | 115.300 | 4605.27 | -184.57 | -244.82 | 412.92 | 40°53'57.797"N | 104°32'28.883"W | 0.19 | |
| 4744.00 | 11.030 | 114.510 | 4698.59 | -189.73 | -252.31 | 429.04 | 40°53'57.723"N | 104°32'28.673"W | 0.54 | |
| 4839.00 | 10.450 | 116.260 | 4791.93 | -194.99 | -259.89 | 445.04 | 40°53'57.648"N | 104°32'28.465"W | 0.70 | |
| 4933.00 | 10.100 | 114.620 | 4884.42 | -200.01 | -267.09 | 460.17 | 40°53'57.577"N | 104°32'28.268"W | 0.49 | |
| 5029.00 | 10.550 | 115.580 | 4978.86 | -205.05 | -274.39 | 475.75 | 40°53'57.505"N | 104°32'28.065"W | 0.50 | |
| 5124.00 | 10.920 | 115.440 | 5072.20 | -210.36 | -282.01 | 491.72 | 40°53'57.429"N | 104°32'27.857"W | 0.39 | |
| 5219.00 | 10.590 | 114.070 | 5165.53 | -215.46 | -289.44 | 507.82 | 40°53'57.356"N | 104°32'27.647"W | 0.44 | |
| 5314.00 | 10.560 | 115.760 | 5258.92 | -220.52 | -296.78 | 523.63 | 40°53'57.283"N | 104°32'27.441"W | 0.33 | |
| 5410.00 | 10.480 | 114.090 | 5353.31 | -225.60 | -304.17 | 539.52 | 40°53'57.210"N | 104°32'27.234"W | 0.33 | |
| 5505.00 | 10.600 | 116.080 | 5446.70 | -230.70 | -311.54 | 555.26 | 40°53'57.138"N | 104°32'27.029"W | 0.40 | |
| 5600.00 | 4.070 | 124.970 | 5540.88 | -234.93 | -317.32 | 565.88 | 40°53'57.081"N | 104°32'26.891"W | 6.96 | |
| 5694.00 | 6.500 | 118.780 | 5634.47 | -238.33 | -321.79 | 573.28 | 40°53'57.036"N | 104°32'26.795"W | 2.65 | |
| 5789.00 | 10.300 | 115.070 | 5728.44 | -242.72 | -327.98 | 585.69 | 40°53'56.975"N | 104°32'26.633"W | 4.04 | |
| 5885.00 | 4.190 | 111.810 | 5823.62 | -246.06 | -332.93 | 596.73 | 40°53'56.926"N | 104°32'26.489"W | 6.38 | |
| 5979.00 | 7.380 | 119.750 | 5917.14 | -249.11 | -337.20 | 605.16 | 40°53'56.884"N | 104°32'26.380"W | 3.49 | |
| 6075.00 | 6.590 | 118.740 | 6012.42 | -253.34 | -342.91 | 615.34 | 40°53'56.828"N | 104°32'26.247"W | 0.83 | |
| 6170.00 | 7.600 | 116.490 | 6106.69 | -257.25 | -348.33 | 625.75 | 40°53'56.774"N | 104°32'26.111"W | 1.10 | |
| 6264.00 | 7.620 | 115.330 | 6199.87 | -261.07 | -353.77 | 636.94 | 40°53'56.720"N | 104°32'25.966"W | 0.16 | |
| 6359.00 | 7.710 | 104.940 | 6294.02 | -263.71 | -358.11 | 648.79 | 40°53'56.678"N | 104°32'25.811"W | 1.46 | |
| 6454.00 | 7.430 | 109.340 | 6388.19 | -265.67 | -361.79 | 660.75 | 40°53'56.641"N | 104°32'25.656"W | 0.68 | |
| 6548.00 | 7.750 | 110.110 | 6481.37 | -268.19 | -365.98 | 672.43 | 40°53'56.600"N | 104°32'25.504"W | 0.36 | |

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|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
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| WELLPATH DATA (126 stations) | | | | | | | | | | |
|------------------------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------|-----------------|------------------|----------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Latitude | Longitude | DLS [°/100ft] | Comments |
| 6643.00 | 4.810 | 105.590 | 6575.79 | -270.05 | -369.25 | 682.29 | 40°53'56.567"N | 104°32'25.375"W | 3.14 | |
| 6738.00 | 2.830 | 108.850 | 6670.57 | -271.01 | -371.08 | 688.34 | 40°53'56.549"N | 104°32'25.296"W | 2.10 | |
| 6832.00 | 1.960 | 84.460 | 6764.49 | -271.07 | -371.67 | 692.14 | 40°53'56.543"N | 104°32'25.247"W | 1.41 | |
| 6927.00 | 0.090 | 180.840 | 6859.48 | -270.76 | -371.59 | 693.76 | 40°53'56.544"N | 104°32'25.226"W | 2.08 | |
| 7021.00 | 0.070 | 173.750 | 6953.48 | -270.89 | -371.72 | 693.76 | 40°53'56.543"N | 104°32'25.226"W | 0.02 | |
| 7116.00 | 0.060 | 228.760 | 7048.48 | -270.98 | -371.81 | 693.73 | 40°53'56.542"N | 104°32'25.226"W | 0.06 | |
| 7211.00 | 4.630 | 333.310 | 7143.37 | -267.87 | -368.42 | 691.97 | 40°53'56.576"N | 104°32'25.249"W | 4.89 | |
| 7306.00 | 13.650 | 0.320 | 7237.10 | -253.57 | -353.75 | 690.31 | 40°53'56.721"N | 104°32'25.271"W | 10.26 | |
| 7401.00 | 22.020 | 2.110 | 7327.46 | -224.70 | -324.69 | 691.03 | 40°53'57.008"N | 104°32'25.261"W | 8.83 | |
| 7496.00 | 32.130 | 357.650 | 7411.94 | -182.03 | -281.53 | 690.65 | 40°53'57.434"N | 104°32'25.266"W | 10.85 | |
| 7590.00 | 41.390 | 3.060 | 7487.19 | -126.35 | -225.39 | 691.28 | 40°53'57.989"N | 104°32'25.258"W | 10.43 | |
| 7684.00 | 52.100 | 6.500 | 7551.52 | -58.11 | -157.30 | 697.16 | 40°53'58.662"N | 104°32'25.182"W | 11.70 | |
| 7779.00 | 59.280 | 6.500 | 7605.03 | 20.28 | -79.39 | 706.03 | 40°53'59.431"N | 104°32'25.066"W | 7.56 | |
| 7873.00 | 71.700 | 1.430 | 7643.97 | 105.38 | 5.75 | 711.75 | 40°54'00.273"N | 104°32'24.991"W | 14.09 | |
| 7968.00 | 84.850 | 357.910 | 7663.24 | 197.18 | 98.54 | 711.14 | 40°54'01.190"N | 104°32'24.999"W | 14.31 | |
| 8031.00 | 89.600 | 354.600 | 7666.29 | 258.75 | 161.31 | 707.03 | 40°54'01.810"N | 104°32'25.053"W | 9.19 | |
| 8063.00 | 89.660 | 352.270 | 7666.50 | 289.71 | 193.09 | 703.37 | 40°54'02.124"N | 104°32'25.100"W | 7.28 | |
| 8157.00 | 89.690 | 347.940 | 7667.03 | 379.11 | 285.67 | 687.22 | 40°54'03.039"N | 104°32'25.311"W | 4.61 | |
| 8253.00 | 89.600 | 350.710 | 7667.63 | 470.02 | 380.00 | 669.44 | 40°54'03.971"N | 104°32'25.542"W | 2.89 | |
| 8348.00 | 89.690 | 354.610 | 7668.22 | 561.59 | 474.20 | 657.31 | 40°54'04.901"N | 104°32'25.700"W | 4.11 | |
| 8442.00 | 89.540 | 1.140 | 7668.85 | 654.06 | 568.08 | 653.83 | 40°54'05.829"N | 104°32'25.746"W | 6.95 | |
| 8537.00 | 89.570 | 8.880 | 7669.59 | 748.85 | 662.65 | 662.12 | 40°54'06.763"N | 104°32'25.638"W | 8.15 | |
| 8632.00 | 89.420 | 8.450 | 7670.43 | 843.84 | 756.56 | 676.43 | 40°54'07.691"N | 104°32'25.451"W | 0.48 | |
| 8727.00 | 90.090 | 9.050 | 7670.83 | 938.83 | 850.45 | 690.88 | 40°54'08.619"N | 104°32'25.263"W | 0.95 | |
| 8822.00 | 89.820 | 3.210 | 7670.91 | 1033.74 | 944.87 | 701.02 | 40°54'09.552"N | 104°32'25.131"W | 6.15 | |
| 8916.00 | 89.850 | 358.730 | 7671.18 | 1127.00 | 1038.83 | 702.61 | 40°54'10.480"N | 104°32'25.110"W | 4.77 | |
| 9011.00 | 89.140 | 358.000 | 7672.02 | 1220.64 | 1133.78 | 699.90 | 40°54'11.419"N | 104°32'25.145"W | 1.07 | |
| 9105.00 | 88.310 | 357.790 | 7674.11 | 1313.14 | 1227.70 | 696.45 | 40°54'12.347"N | 104°32'25.190"W | 0.91 | |
| 9200.00 | 88.610 | 359.960 | 7676.66 | 1406.89 | 1322.64 | 694.58 | 40°54'13.285"N | 104°32'25.215"W | 2.31 | |
| 9296.00 | 89.320 | 0.150 | 7678.39 | 1501.94 | 1418.62 | 694.68 | 40°54'14.233"N | 104°32'25.213"W | 0.77 | |

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| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
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|--|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------|-----------------|------------------|-------------------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Latitude | Longitude | DLS [°/100ft] | Comments |
| 9391.00 | 89.480 | 0.340 | 7679.39 | 1596.05 | 1513.62 | 695.08 | 40°54'15.172"N | 104°32'25.208"W | 0.26 | |
| 9486.00 | 89.450 | 359.690 | 7680.28 | 1690.11 | 1608.61 | 695.11 | 40°54'16.110"N | 104°32'25.208"W | 0.68 | |
| 9581.00 | 89.600 | 359.620 | 7681.06 | 1784.09 | 1703.61 | 694.53 | 40°54'17.049"N | 104°32'25.215"W | 0.17 | |
| 9676.00 | 89.200 | 0.110 | 7682.06 | 1878.12 | 1798.60 | 694.31 | 40°54'17.987"N | 104°32'25.218"W | 0.67 | |
| 9771.00 | 89.200 | 0.450 | 7683.39 | 1972.24 | 1893.59 | 694.77 | 40°54'18.926"N | 104°32'25.212"W | 0.36 | |
| 9866.00 | 89.230 | 359.910 | 7684.69 | 2066.33 | 1988.58 | 695.07 | 40°54'19.865"N | 104°32'25.208"W | 0.57 | |
| 9961.00 | 89.350 | 0.200 | 7685.86 | 2160.40 | 2083.57 | 695.16 | 40°54'20.803"N | 104°32'25.207"W | 0.33 | |
| 10056.00 | 89.320 | 0.250 | 7686.97 | 2254.51 | 2178.57 | 695.54 | 40°54'21.742"N | 104°32'25.202"W | 0.06 | |
| 10150.00 | 89.110 | 0.610 | 7688.25 | 2347.67 | 2272.55 | 696.24 | 40°54'22.670"N | 104°32'25.193"W | 0.44 | |
| 10245.00 | 89.200 | 359.060 | 7689.66 | 2441.68 | 2367.54 | 695.97 | 40°54'23.609"N | 104°32'25.196"W | 1.63 | |
| 10340.00 | 89.170 | 358.780 | 7691.01 | 2535.47 | 2462.51 | 694.18 | 40°54'24.547"N | 104°32'25.219"W | 0.30 | |
| 10435.00 | 89.320 | 359.680 | 7692.26 | 2629.34 | 2557.50 | 692.90 | 40°54'25.486"N | 104°32'25.236"W | 0.96 | |
| 10530.00 | 89.450 | 359.400 | 7693.28 | 2723.28 | 2652.49 | 692.14 | 40°54'26.425"N | 104°32'25.246"W | 0.32 | |
| 10625.00 | 89.350 | 358.450 | 7694.27 | 2817.08 | 2747.46 | 690.36 | 40°54'27.363"N | 104°32'25.269"W | 1.01 | |
| 10720.00 | 89.320 | 359.820 | 7695.38 | 2910.92 | 2842.45 | 688.92 | 40°54'28.301"N | 104°32'25.288"W | 1.44 | |
| 10815.00 | 89.290 | 0.010 | 7696.53 | 3004.96 | 2937.44 | 688.78 | 40°54'29.240"N | 104°32'25.289"W | 0.20 | |
| 10909.00 | 89.320 | 359.680 | 7697.67 | 3097.99 | 3031.43 | 688.53 | 40°54'30.169"N | 104°32'25.293"W | 0.35 | |
| 11004.00 | 90.220 | 0.270 | 7698.05 | 3192.04 | 3126.43 | 688.49 | 40°54'31.107"N | 104°32'25.293"W | 1.13 | |
| 11099.00 | 90.150 | 0.500 | 7697.74 | 3286.19 | 3221.43 | 689.12 | 40°54'32.046"N | 104°32'25.285"W | 0.25 | |
| 11195.00 | 90.150 | 359.470 | 7697.49 | 3381.24 | 3317.42 | 689.10 | 40°54'32.995"N | 104°32'25.285"W | 1.07 | |
| 11289.00 | 90.180 | 358.040 | 7697.22 | 3474.00 | 3411.40 | 687.06 | 40°54'33.923"N | 104°32'25.312"W | 1.52 | |
| 11384.00 | 90.220 | 359.770 | 7696.89 | 3567.79 | 3506.38 | 685.24 | 40°54'34.862"N | 104°32'25.335"W | 0.00 | Tie On |
| 11406.92 | 90.209 | 359.083 | 7696.80 | 3590.45 | 3529.29 | 685.01 | 40°54'35.088"N | 104°32'25.338"W | 3.00 | End of 3D Arc (J) |
| 11484.00† | 90.209 | 359.083 | 7696.52 | 3666.59 | 3606.37 | 683.78 | 40°54'35.850"N | 104°32'25.354"W | 0.00 | |
| 11584.00† | 90.209 | 359.083 | 7696.16 | 3765.36 | 3706.35 | 682.18 | 40°54'36.837"N | 104°32'25.375"W | 0.00 | |
| 11684.00† | 90.209 | 359.083 | 7695.79 | 3864.14 | 3806.34 | 680.58 | 40°54'37.825"N | 104°32'25.396"W | 0.00 | |
| 11784.00† | 90.209 | 359.083 | 7695.43 | 3962.92 | 3906.33 | 678.97 | 40°54'38.813"N | 104°32'25.417"W | 0.00 | |
| 11884.00† | 90.209 | 359.083 | 7695.06 | 4061.69 | 4006.31 | 677.37 | 40°54'39.801"N | 104°32'25.438"W | 0.00 | |
| 11984.00† | 90.209 | 359.083 | 7694.70 | 4160.47 | 4106.30 | 675.77 | 40°54'40.789"N | 104°32'25.458"W | 0.00 | |
| 12084.00† | 90.209 | 359.083 | 7694.33 | 4259.25 | 4206.28 | 674.17 | 40°54'41.777"N | 104°32'25.479"W | 0.00 | |

Planned Wellpath Report

LITTLE LADY 22-1NH REV-D.0 PWP

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| WELLPATH DATA (126 stations) † = interpolated/extrapolated station | | | | | | | | | | |
|--|--------------------|----------------|----------------------|-------------------|---------------|--------------|----------------|-----------------|------------------|--------------------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Vert Sect [ft] | North [ft] | East [ft] | Latitude | Longitude | DLS [°/100ft] | Comments |
| 12184.00† | 90.209 | 359.083 | 7693.97 | 4358.02 | 4306.27 | 672.57 | 40°54'42.765"N | 104°32'25.500"W | 0.00 | |
| 12284.00† | 90.209 | 359.083 | 7693.60 | 4456.80 | 4406.26 | 670.97 | 40°54'43.753"N | 104°32'25.521"W | 0.00 | |
| 12384.00† | 90.209 | 359.083 | 7693.24 | 4555.58 | 4506.24 | 669.37 | 40°54'44.741"N | 104°32'25.542"W | 0.00 | |
| 12484.00† | 90.209 | 359.083 | 7692.87 | 4654.35 | 4606.23 | 667.77 | 40°54'45.729"N | 104°32'25.563"W | 0.00 | |
| 12584.00† | 90.209 | 359.083 | 7692.51 | 4753.13 | 4706.22 | 666.17 | 40°54'46.717"N | 104°32'25.583"W | 0.00 | |
| 12586.75 | 90.209 | 359.083 | 7692.50 ¹ | 4755.85 | 4708.97 | 666.12 | 40°54'46.744"N | 104°32'25.584"W | 0.00 | End of Tangent (J) |

| HOLE & CASING SECTIONS - Ref Wellbore: LITTLE LADY 22-1NH PWB Ref Wellpath: LITTLE LADY 22-1NH REV-D.0 PWP | | | | | | | | | |
|---|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
| 9.625in Casing Surface | 18.00 | 1500.00 | 1482.00 | 18.00 | 1499.94 | 0.00 | 0.00 | 4.84 | -11.07 |
| 8.5in Open Hole | 1500.00 | 12586.75 | 11086.75 | 1499.94 | 7692.50 | 4.84 | -11.07 | 4708.97 | 666.12 |

Planned Wellpath Report

LITTLE LADY 22-1NH REV-D.0 PWP

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| TARGETS | | | | | | | | | |
|--|------------|-------------|---------------|--------------|----------------------|-----------------------|----------------|-----------------|---------|
| Name | MD [ft] | TVD [ft] | North [ft] | East [ft] | Grid East [US ft] | Grid North [US ft] | Latitude | Longitude | Shape |
| SEC.21-T11N-R64W | | -2.00 | 0.00 | 0.00 | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W | point |
| | | | | | | | | | |
| SEC.22-T11N-R64W | | -2.00 | 0.00 | 0.00 | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W | polygon |
| | | | | | | | | | |
| SEC.22 25' BUFFER | | 0.00 | 0.00 | 0.00 | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W | polygon |
| | | | | | | | | | |
| LITTLE LADY 22-1NH LP REV-1 (330'FSL & 330'FWL SEC.22) | | 7665.00 | -72.86 | 685.60 | 3265290.94 | 1572105.60 | 40°53'59.496"N | 104°32'25.332"W | point |
| | | | | | | | | | |
| LITTLE LADY 22-1NH BHL REV-1 (330'FNL & 330'FWL SEC.22) | | 7670.00 | 4608.97 | 666.12 | 3265220.93 | 1576787.03 | 40°54'45.756"N | 104°32'25.584"W | point |
| | | | | | | | | | |
| LITTLE LADY 22-1NH LP REV-2 (596'FSL & 330'FWL SEC.22) | | 7674.86 | 194.00 | 685.60 | 3265288.06 | 1572372.45 | 40°54'02.133"N | 104°32'25.332"W | point |
| | | | | | | | | | |
| LITTLE LADY 22-1NH BHL REV-2 (330'FNL & 330'FWL SEC.22) | | 7692.50 | 4608.97 | 666.12 | 3265220.93 | 1576787.03 | 40°54'45.756"N | 104°32'25.584"W | point |
| | | | | | | | | | |
| 1) LITTLE LADY 22-1NH BHL REV-3 (230'FNL & 330'FWL SEC.22) | 12586.75 | 7692.50 | 4708.97 | 666.12 | 3265219.85 | 1576887.03 | 40°54'46.744"N | 104°32'25.584"W | point |
| | | | | | | | | | |
| SEC.22-T11N-R64W HARDLINE (330'SETBACK) | | 7800.00 | 0.00 | 0.00 | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W | polygon |
| | | | | | | | | | |

| SURVEY PROGRAM - Ref Wellbore: LITTLE LADY 22-1NH PWB Ref Wellpath: LITTLE LADY 22-1NH REV-D.0 PWP | | | | |
|---|----------------|------------------------------------|------------------|------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 18.00 | 1511.00 | BHI NaviTrak (Rotating+Axial Corr) | | LITTLE LADY 22-1NH AWB |
| 1511.00 | 11384.00 | BHI AutoTrak Curve (Standard) | | LITTLE LADY 22-1NH AWB |
| 11384.00 | 12586.75 | BHI AutoTrak Curve (Short) | | LITTLE LADY 22-1NH PWB |

Planned Wellpath Report

LITTLE LADY 22-1NH REV-D.0 PWP

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| DESIGN COMMENTS | | | | |
|-----------------|--------------------|----------------|-------------|--------------------|
| MD [ft] | Inclination [°] | Azimuth [°] | TVD [ft] | Comment |
| 11384.00 | 90.220 | 359.770 | 7696.89 | Tie On |
| 11406.92 | 90.209 | 359.083 | 7696.80 | End of 3D Arc (J) |
| 12586.75 | 90.209 | 359.083 | 7692.50 | End of Tangent (J) |

Clearance Report

LITTLE LADY 22-1NH REV-D.0 PWP

Closest Approach

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| REPORT SETUP INFORMATION | | | |
|--------------------------|---|----------------------|--|
| Projection System | NAD83 / Lambert Colorado SP, Northern Zone (501), US feet | Software System | WellArchitect® 5.0 |
| North Reference | True | User | Guenaler |
| Scale | 1.000021 | Report Generated | 06/Sep/2019 at 10:04 |
| Convergence at slot | 0.62° East | Database/Source file | WA_DEN_Denver_Defn/LITTLE_LADY_22-1NH_REV-D.0_PWP_CR.xml |

| 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 | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W |
| Facility Reference Pt | | | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W |
| Field Reference Pt | | | 3264604.58 | 1572171.06 | 40°54'00.216"N | 104°32'34.260"W |

| WELLPATH DATUM | | | |
|--------------------------|--|--|-----------|
| Calculation method | Minimum Curvature | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) to Facility Vertical Datum | 5398.00ft |
| Horizontal Reference Pt | Slot | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) to Mean Sea Level | 5398.00ft |
| Vertical Reference Pt | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) to Ground Level at Slot (SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21)) | 5398.00ft |
| MD Reference Pt | SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) | | |
| Field Vertical Reference | Mean Sea Level | | |

| POSITIONAL UNCERTAINTY CALCULATION SETTINGS | | | | | |
|---|------------------|------------------|---------|------------------------------|----------|
| Ellipse Confidence Limit | 3.00 Std Dev | Ellipse Start MD | 18.00ft | Surface Position Uncertainty | included |
| Declination | 8.09° East of TN | Dip Angle | 67.20° | Mag Field Strength | 52483 nT |
| Slot Surface Uncertainty @1SD | | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | | Horizontal | 8.200ft | Vertical | 3.000ft |
| Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes | | | | | |

Clearance Report

LITTLE LADY 22-1NH REV-D.0 PWP

Closest Approach

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| ANTI-COLLISION RULE | | | |
|----------------------------|---|----------------------|-------|
| Rule Name | Baker Hughes Stop Drilling (offset is HSE risk) | Rule Based On | Ratio |
| Plane of Rule | Closest Approach | Threshold Value | 1.00 |
| Include Casing & Hole Size | yes | Apply Cone of Safety | no |

| HOLE & CASING SECTIONS - Ref Wellbore: LITTLE LADY 22-1NH PWB Ref Wellpath: LITTLE LADY 22-1NH REV-D.0 PWP | | | | | | | | | |
|---|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
| 9.625in Casing Surface | 18.00 | 1500.00 | 1482.00 | 18.00 | 1499.94 | 0.00 | 0.00 | 4.84 | -11.07 |
| 8.5in Open Hole | 1500.00 | 12586.75 | 11086.75 | 1499.94 | 7692.50 | 4.84 | -11.07 | 4708.97 | 666.12 |

| SURVEY PROGRAM - Ref Wellbore: LITTLE LADY 22-1NH PWB Ref Wellpath: LITTLE LADY 22-1NH REV-D.0 PWP | | | | |
|---|-------------|------------------------------------|------------------|------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 18.00 | 1511.00 | BHI NaviTrak (Rotating+Axial Corr) | | LITTLE LADY 22-1NH AWB |
| 1511.00 | 11384.00 | BHI AutoTrak Curve (Standard) | | LITTLE LADY 22-1NH AWB |
| 11384.00 | 12586.75 | BHI AutoTrak Curve (Short) | | LITTLE LADY 22-1NH PWB |

| CALCULATION RANGE & CUTOFF | | |
|----------------------------|-------------------|------------------------|
| From: 18.00ft MD | To: 12586.75ft MD | C-C Cutoff: 1000.00 ft |

| OFFSET WELL CLEARANCE SUMMARY (1 Offset Wellpath selected) Ratios are calculated in Closest Approach plane | | | | | | | | | | | |
|--|---|--------------------|------------------------|--------------------------------|------------------------|-------------------------|------------------------|--------------------------|-----------|--------------------------|------------|
| Offset Facility | Offset Slot | Offset Well | Offset Wellbore | Offset Wellpath | C-C Clearance Distance | | | ACR Separation Ratio | | | |
| | | | | | Ref MD [ft] | Min C-C Clear Dist [ft] | Diverging from MD [ft] | Ref MD of Min Ratio [ft] | Min Ratio | Min Ratio Dvrg from [ft] | ACR Status |
| SEC.21-T11N-R64W | SLOT#02 LITTLE LADY 22-2CH (435'FSL & 355'FEL SEC.21) | LITTLE LADY 22-2CH | LITTLE LADY 22-2CH PWB | LITTLE LADY 22-2CH REV-C.0 PWP | 11384.00 | 378.54 | 11387.04 | 12518.00 | 1.45 | 12518.00 | PASS |

Clearance Report

LITTLE LADY 22-1NH REV-D.0 PWP

Closest Approach

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| CLEARANCE DATA - Offset Wellbore: LITTLE LADY 22-2CH PWB Offset Wellpath: LITTLE LADY 22-2CH REV-C.0 PWP | | | | | | | | | | | | | |
|---|-----------------|---|------------------|--------------------------|--------------------|----------------------|---------------------|---------------------------------------|---------------------------|---------------------|--------------|---------------|--|
| Facility: SEC.21-T11N-R64W | | Slot: SLOT#02 LITTLE LADY 22-2CH (435'FSL & 355'FEL SEC.21) | | Well: LITTLE LADY 22-2CH | | Threshold Value=1.00 | | † = interpolated/extrapolated station | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 11384.00 | 7696.89 | 3506.38 | 685.24 | 11656.26 | 7904.86 | 3508.88 | 1001.52 | 123.33 | 378.54 | 206.89 | 1.83 | PASS | |
| 11387.04† | 7696.88 | 3509.42 | 685.23 | 11659.56 | 7904.85 | 3512.18 | 1001.50 | 123.33 | 378.54 | 207.02 | 1.83 | PASS | |
| 11406.92 | 7696.80 | 3529.29 | 685.01 | 11679.18 | 7904.79 | 3531.80 | 1001.39 | 123.32 | 378.63 | 208.07 | 1.82 | PASS | |
| 11484.00† | 7696.52 | 3606.37 | 683.78 | 11756.26 | 7904.55 | 3608.87 | 1000.93 | 123.26 | 379.30 | 212.02 | 1.79 | PASS | |
| 11584.00† | 7696.16 | 3706.35 | 682.18 | 11856.26 | 7904.25 | 3708.86 | 1000.34 | 123.19 | 380.18 | 217.20 | 1.75 | PASS | |
| 11684.00† | 7695.79 | 3806.34 | 680.58 | 11956.25 | 7903.94 | 3808.86 | 999.75 | 123.11 | 381.06 | 222.41 | 1.72 | PASS | |
| 11784.00† | 7695.43 | 3906.33 | 678.97 | 12056.24 | 7903.64 | 3908.85 | 999.16 | 123.03 | 381.94 | 227.66 | 1.68 | PASS | |
| 11884.00† | 7695.06 | 4006.31 | 677.37 | 12156.24 | 7903.33 | 4008.84 | 998.57 | 122.96 | 382.82 | 232.94 | 1.65 | PASS | |
| 11984.00† | 7694.70 | 4106.30 | 675.77 | 12256.23 | 7903.03 | 4108.83 | 997.98 | 122.88 | 383.70 | 238.25 | 1.61 | PASS | |
| 12084.00† | 7694.33 | 4206.28 | 674.17 | 12356.23 | 7902.72 | 4208.83 | 997.40 | 122.81 | 384.59 | 243.59 | 1.58 | PASS | |
| 12184.00† | 7693.97 | 4306.27 | 672.57 | 12456.22 | 7902.42 | 4308.82 | 996.81 | 122.74 | 385.47 | 248.95 | 1.55 | PASS | |
| 12284.00† | 7693.60 | 4406.26 | 670.97 | 12556.22 | 7902.11 | 4408.81 | 996.22 | 122.66 | 386.35 | 254.33 | 1.52 | PASS | |
| 12384.00† | 7693.24 | 4506.24 | 669.37 | 12656.21 | 7901.81 | 4508.81 | 995.63 | 122.59 | 387.24 | 259.74 | 1.49 | PASS | |
| 12484.00† | 7692.87 | 4606.23 | 667.77 | 12756.21 | 7901.50 | 4608.80 | 995.04 | 122.52 | 388.12 | 265.17 | 1.46 | PASS | |
| 12518.00† | 7692.75 | 4640.23 | 667.22 | 12756.39 | 7901.50 | 4608.98 | 995.04 | 122.52 | 389.89 | 269.95 | 1.45 | PASS | |
| 12584.00† | 7692.51 | 4706.22 | 666.17 | 12756.39 | 7901.50 | 4608.98 | 995.04 | 122.52 | 401.61 | 271.68 | 1.48 | PASS | |
| 12586.75 | 7692.50 | 4708.97 | 666.12 | 12756.39 | 7901.50 | 4608.98 | 995.04 | 122.52 | 402.32 | 271.64 | 1.48 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

| POSITIONAL UNCERTAINTY - Offset Wellbore: LITTLE LADY 22-2CH PWB Offset Wellpath: LITTLE LADY 22-2CH REV-C.0 PWP | | | | |
|---|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

Clearance Report

LITTLE LADY 22-1NH REV-D.0 PWP

Closest Approach

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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|---|
| Operator | UPLAND EXPLORATION | Slot | SLOT#01 LITTLE LADY 22-1NH (405'FSL & 355'FEL SEC.21) |
| Area | COLORADO | Well | LITTLE LADY 22-1NH |
| Field | WELD COUNTY (TRUE NORTH NAD 83) | Wellbore | LITTLE LADY 22-1NH PWB |
| Facility | SEC.21-T11N-R64W | | |

| HOLE & CASING SECTIONS - Offset Wellbore: LITTLE LADY 22-2CH PWB Offset Wellpath: LITTLE LADY 22-2CH REV-C.0 PWP | | | | | | | | | |
|---|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
| 9.625in Casing Surface | 18.00 | 1500.00 | 1482.00 | 18.00 | 1500.00 | 17.77 | 0.00 | 17.77 | 0.00 |
| 8.5in Open Hole | 1500.00 | 12756.39 | 11256.39 | 1500.00 | 7901.50 | 17.77 | 0.00 | 1413.70 | 303.29 |

| SURVEY PROGRAM - Offset Wellbore: Offset Wellpath: LITTLE LADY 22-2CH REV-C.0 PWP | | | | |
|--|----------------|------------------------------------|------------------|------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 18.00 | 1500.00 | BHI NaviTrak (Rotating+Axial Corr) | | LITTLE LADY 22-2CH PWB |
| 1500.00 | 12756.40 | BHI AutoTrak Curve (Short) | | LITTLE LADY 22-2CH PWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: LITTLE LADY 22-2CH PWB Offset Wellpath: LITTLE LADY 22-2CH REV-C.0 PWP | |
|--|---|
| MD Reference: SAVANAH 802 (5380'GL+18'KB@5398'RKB) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 18.00ft |