



Ursa Operating Company, LLC

Rockies Region

B&V

B&V 13A-07-07-95

Wellbore #1

Plan: Design #1

Ursa Operating Company LLC Planning Report

05 August, 2014



| | | | |
|------------------|-----------------------------|-------------------------------------|--|
| Company: | Ursa Operating Company, LLC | Local Co-ordinate Reference: | Well B&V 13A-07-07-95 |
| Project: | Rockies Region | TVD Reference: | B&V 13A-07-07-95 @ 5097.0usft (PAD Est KB) |
| Site: | B&V | MD Reference: | B&V 13A-07-07-95 @ 5097.0usft (PAD Est KB) |
| Well: | B&V 13A-07-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

| Project | | Rockies Region | |
|-------------|---------------------------|----------------|----------------|
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| Site | | B&V | | | |
|-----------------------|----------|-------------------|--|-------------------|--|
| Site Position: | | Northing: | | Latitude: | |
| From: | Lat/Long | Easting: | | Longitude: | |
| Position Uncertainty: | 0.0 usft | Slot Radius: | | Grid Convergence: | |
| | | 1,598,935.06 usft | | 39° 27' 0.591 N | |
| | | 2,280,801.73 usft | | 108° 2' 49.963 W | |
| | | 13-3/16 " | | -1.61 ° | |

| | | | | | | |
|----------------------|--|----------|---------------------|-------------------|---------------|------------------|
| Well | B&V 13A-07-07-95, SHL LAT: 39.450335589 LONG: -108.046935566 | | | | | |
| Well Position | +N/-S | 0.0 usft | Northing: | 1,598,995.29 usft | Latitude: | 39° 27' 1.208 N |
| | +E/-W | 0.0 usft | Easting: | 2,280,881.49 usft | Longitude: | 108° 2' 48.968 W |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | 5,097.0 usft | Ground Level: | 5,084.0 usft |

| | | | | | |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 8/4/2014 | 9.97 | 65.61 | 51,909 |

| | | | | |
|-------------------|----------------------------|-----------------|-----------------|------------------|
| Design | Design #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 357.29 |

| | | | | | |
|---------------------|--------------|-------------------------|-----------|----------------|--|
| Survey Tool Program | | Date | 8/4/2014 | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 0.0 | 6,436.2 | Design #1 (Wellbore #1) | MWD | MWD - Standard | |

| | | | |
|------------------|-----------------------------|-------------------------------------|--|
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| Site: | B&V | MD Reference: | B&V 13A-07-07-95 @ 5097.0usft (PAD Est KB) |
| Well: | B&V 13A-07-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

Planned Survey

| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | TVDSS (usft) | N/S (usft) | E/W (usft) | V. Sec (usft) | DLeg (°/100usft) | Northing (usft) | Easting (usft) |
|--------------------------------------|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | -5,097.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,598,995.29 | 2,280,881.49 |
| 100.0 | 0.00 | 0.00 | 100.0 | -4,997.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,598,995.29 | 2,280,881.49 |
| 200.0 | 0.00 | 0.00 | 200.0 | -4,897.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,598,995.29 | 2,280,881.49 |
| 300.0 | 0.00 | 0.00 | 300.0 | -4,797.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,598,995.29 | 2,280,881.49 |
| 400.0 | 0.00 | 0.00 | 400.0 | -4,697.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1,598,995.29 | 2,280,881.49 |
| Start Build 3.00 | | | | | | | | | | |
| 500.0 | 3.00 | 357.29 | 500.0 | -4,597.0 | 2.6 | -0.1 | 2.6 | 3.00 | 1,598,997.91 | 2,280,881.44 |
| 600.0 | 6.00 | 357.29 | 599.6 | -4,497.4 | 10.5 | -0.5 | 10.5 | 3.00 | 1,599,005.75 | 2,280,881.29 |
| 700.0 | 9.00 | 357.29 | 698.8 | -4,398.2 | 23.5 | -1.1 | 23.5 | 3.00 | 1,599,018.80 | 2,280,881.03 |
| 751.0 | 10.53 | 357.29 | 749.0 | -4,348.0 | 32.1 | -1.5 | 32.2 | 3.00 | 1,599,027.44 | 2,280,880.87 |
| Start 3105.3 hold at 751.0 MD | | | | | | | | | | |
| 800.0 | 10.53 | 357.29 | 797.2 | -4,299.8 | 41.1 | -1.9 | 41.1 | 0.00 | 1,599,036.40 | 2,280,880.69 |
| 900.0 | 10.53 | 357.29 | 895.5 | -4,201.5 | 59.3 | -2.8 | 59.4 | 0.00 | 1,599,054.67 | 2,280,880.34 |
| 1,000.0 | 10.53 | 357.29 | 993.8 | -4,103.2 | 77.6 | -3.7 | 77.7 | 0.00 | 1,599,072.94 | 2,280,879.99 |
| 1,100.0 | 10.53 | 357.29 | 1,092.2 | -4,004.8 | 95.8 | -4.5 | 95.9 | 0.00 | 1,599,091.21 | 2,280,879.63 |
| 1,200.0 | 10.53 | 357.29 | 1,190.5 | -3,906.5 | 114.1 | -5.4 | 114.2 | 0.00 | 1,599,109.48 | 2,280,879.28 |
| 1,300.0 | 10.53 | 357.29 | 1,288.8 | -3,808.2 | 132.3 | -6.3 | 132.5 | 0.00 | 1,599,127.75 | 2,280,878.93 |
| 1,400.0 | 10.53 | 357.29 | 1,387.1 | -3,709.9 | 150.6 | -7.1 | 150.8 | 0.00 | 1,599,146.02 | 2,280,878.58 |
| 1,500.0 | 10.53 | 357.29 | 1,485.4 | -3,611.6 | 168.8 | -8.0 | 169.0 | 0.00 | 1,599,164.29 | 2,280,878.22 |
| 1,600.0 | 10.53 | 357.29 | 1,583.7 | -3,513.3 | 187.1 | -8.9 | 187.3 | 0.00 | 1,599,182.56 | 2,280,877.87 |
| 1,700.0 | 10.53 | 357.29 | 1,682.0 | -3,415.0 | 205.3 | -9.7 | 205.6 | 0.00 | 1,599,200.83 | 2,280,877.52 |
| 1,800.0 | 10.53 | 357.29 | 1,780.4 | -3,316.6 | 223.6 | -10.6 | 223.9 | 0.00 | 1,599,219.10 | 2,280,877.16 |
| 1,900.0 | 10.53 | 357.29 | 1,878.7 | -3,218.3 | 241.9 | -11.5 | 242.1 | 0.00 | 1,599,237.37 | 2,280,876.81 |
| 2,000.0 | 10.53 | 357.29 | 1,977.0 | -3,120.0 | 260.1 | -12.3 | 260.4 | 0.00 | 1,599,255.64 | 2,280,876.46 |
| 2,100.0 | 10.53 | 357.29 | 2,075.3 | -3,021.7 | 278.4 | -13.2 | 278.7 | 0.00 | 1,599,273.91 | 2,280,876.10 |
| 2,200.0 | 10.53 | 357.29 | 2,173.6 | -2,923.4 | 296.6 | -14.1 | 296.9 | 0.00 | 1,599,292.18 | 2,280,875.75 |
| 2,300.0 | 10.53 | 357.29 | 2,271.9 | -2,825.1 | 314.9 | -14.9 | 315.2 | 0.00 | 1,599,310.45 | 2,280,875.40 |

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| Well: | B&V 13A-07-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

Planned Survey

| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | TVDSS (usft) | N/S (usft) | E/W (usft) | V. Sec (usft) | DLeg (°/100usft) | Northing (usft) | Easting (usft) |
|--|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|
| 2,400.0 | 10.53 | 357.29 | 2,370.3 | -2,726.7 | 333.1 | -15.8 | 333.5 | 0.00 | 1,599,328.72 | 2,280,875.05 |
| 2,500.0 | 10.53 | 357.29 | 2,468.6 | -2,628.4 | 351.4 | -16.7 | 351.8 | 0.00 | 1,599,346.99 | 2,280,874.69 |
| 2,600.0 | 10.53 | 357.29 | 2,566.9 | -2,530.1 | 369.6 | -17.5 | 370.0 | 0.00 | 1,599,365.26 | 2,280,874.34 |
| 2,700.0 | 10.53 | 357.29 | 2,665.2 | -2,431.8 | 387.9 | -18.4 | 388.3 | 0.00 | 1,599,383.53 | 2,280,873.99 |
| 2,800.0 | 10.53 | 357.29 | 2,763.5 | -2,333.5 | 406.1 | -19.2 | 406.6 | 0.00 | 1,599,401.80 | 2,280,873.63 |
| 2,900.0 | 10.53 | 357.29 | 2,861.8 | -2,235.2 | 424.4 | -20.1 | 424.9 | 0.00 | 1,599,420.07 | 2,280,873.28 |
| 3,000.0 | 10.53 | 357.29 | 2,960.2 | -2,136.8 | 442.6 | -21.0 | 443.1 | 0.00 | 1,599,438.34 | 2,280,872.93 |
| 3,100.0 | 10.53 | 357.29 | 3,058.5 | -2,038.5 | 460.9 | -21.8 | 461.4 | 0.00 | 1,599,456.61 | 2,280,872.58 |
| 3,131.0 | 10.53 | 357.29 | 3,089.0 | -2,008.0 | 466.6 | -22.1 | 467.1 | 0.00 | 1,599,462.28 | 2,280,872.47 |
| Williams Fork | | | | | | | | | | |
| 3,200.0 | 10.53 | 357.29 | 3,156.8 | -1,940.2 | 479.1 | -22.7 | 479.7 | 0.00 | 1,599,474.88 | 2,280,872.22 |
| 3,300.0 | 10.53 | 357.29 | 3,255.1 | -1,841.9 | 497.4 | -23.6 | 498.0 | 0.00 | 1,599,493.15 | 2,280,871.87 |
| 3,400.0 | 10.53 | 357.29 | 3,353.4 | -1,743.6 | 515.6 | -24.4 | 516.2 | 0.00 | 1,599,511.42 | 2,280,871.52 |
| 3,500.0 | 10.53 | 357.29 | 3,451.7 | -1,645.3 | 533.9 | -25.3 | 534.5 | 0.00 | 1,599,529.69 | 2,280,871.16 |
| 3,600.0 | 10.53 | 357.29 | 3,550.1 | -1,546.9 | 552.2 | -26.2 | 552.8 | 0.00 | 1,599,547.96 | 2,280,870.81 |
| 3,700.0 | 10.53 | 357.29 | 3,648.4 | -1,448.6 | 570.4 | -27.0 | 571.0 | 0.00 | 1,599,566.23 | 2,280,870.46 |
| 3,800.0 | 10.53 | 357.29 | 3,746.7 | -1,350.3 | 588.7 | -27.9 | 589.3 | 0.00 | 1,599,584.50 | 2,280,870.10 |
| 3,856.3 | 10.53 | 357.29 | 3,802.0 | -1,295.0 | 598.9 | -28.4 | 599.6 | 0.00 | 1,599,594.78 | 2,280,869.91 |
| Start Drop -3.00 | | | | | | | | | | |
| 3,900.0 | 9.22 | 357.29 | 3,845.1 | -1,251.9 | 606.4 | -28.7 | 607.1 | 3.00 | 1,599,602.28 | 2,280,869.76 |
| 4,000.0 | 6.22 | 357.29 | 3,944.2 | -1,152.8 | 619.8 | -29.4 | 620.5 | 3.00 | 1,599,615.70 | 2,280,869.50 |
| 4,100.0 | 3.22 | 357.29 | 4,043.8 | -1,053.2 | 628.0 | -29.8 | 628.7 | 3.00 | 1,599,623.92 | 2,280,869.34 |
| 4,207.2 | 0.00 | 0.00 | 4,151.0 | -946.0 | 631.1 | -29.9 | 631.8 | 3.00 | 1,599,626.93 | 2,280,869.28 |
| Back to Vertical - Start 2229.0 hold at 4207.2 MD - Top of Gas - B&V 13A-07-07-95 TGT | | | | | | | | | | |
| 4,300.0 | 0.00 | 0.00 | 4,243.8 | -853.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 4,400.0 | 0.00 | 0.00 | 4,343.8 | -753.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 4,500.0 | 0.00 | 0.00 | 4,443.8 | -653.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 4,600.0 | 0.00 | 0.00 | 4,543.8 | -553.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |

| | | | |
|------------------|-----------------------------|-------------------------------------|--|
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| Site: | B&V | MD Reference: | B&V 13A-07-07-95 @ 5097.0usft (PAD Est KB) |
| Well: | B&V 13A-07-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

| Planned Survey | | | | | | | | | | |
|---------------------|------------|----------------------|---------------|-----------------|---------------|---------------|------------------|---------------------|--------------------|-------------------|
| MD (usft) | Inc (°) | Azi (azimuth) (°) | TVD (usft) | TVDSS (usft) | N/S (usft) | E/W (usft) | V. Sec (usft) | DLeg (°/100usft) | Northing (usft) | Easting (usft) |
| 4,700.0 | 0.00 | 0.00 | 4,643.8 | -453.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 4,800.0 | 0.00 | 0.00 | 4,743.8 | -353.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 4,900.0 | 0.00 | 0.00 | 4,843.8 | -253.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,000.0 | 0.00 | 0.00 | 4,943.8 | -153.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,100.0 | 0.00 | 0.00 | 5,043.8 | -53.2 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,200.0 | 0.00 | 0.00 | 5,143.8 | 46.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,300.0 | 0.00 | 0.00 | 5,243.8 | 146.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,400.0 | 0.00 | 0.00 | 5,343.8 | 246.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,500.0 | 0.00 | 0.00 | 5,443.8 | 346.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,600.0 | 0.00 | 0.00 | 5,543.8 | 446.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,612.2 | 0.00 | 0.00 | 5,556.0 | 459.0 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| Cameo | | | | | | | | | | |
| 5,700.0 | 0.00 | 0.00 | 5,643.8 | 546.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,800.0 | 0.00 | 0.00 | 5,743.8 | 646.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 5,900.0 | 0.00 | 0.00 | 5,843.8 | 746.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 6,000.0 | 0.00 | 0.00 | 5,943.8 | 846.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 6,100.0 | 0.00 | 0.00 | 6,043.8 | 946.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 6,136.2 | 0.00 | 0.00 | 6,080.0 | 983.0 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| Rollins | | | | | | | | | | |
| 6,200.0 | 0.00 | 0.00 | 6,143.8 | 1,046.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 6,300.0 | 0.00 | 0.00 | 6,243.8 | 1,146.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 6,400.0 | 0.00 | 0.00 | 6,343.8 | 1,246.8 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| 6,436.2 | 0.00 | 0.00 | 6,380.0 | 1,283.0 | 631.1 | -29.9 | 631.8 | 0.00 | 1,599,626.93 | 2,280,869.28 |
| TD at 6436.2 | | | | | | | | | | |

| | | | |
|------------------|-----------------------------|-------------------------------------|--|
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| Site: | B&V | MD Reference: | B&V 13A-07-07-95 @ 5097.0usft (PAD Est KB) |
| Well: | B&V 13A-07-07-95 | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Design #1 | Database: | MasterDB |

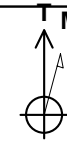
| Formations | | | | | | |
|-----------------------|-----------------------|---------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 6,136.2 | 6,080.0 | Rollins | | 0.00 | | |
| 4,207.2 | 4,151.0 | Top of Gas | | 0.00 | | |
| 3,131.0 | 3,089.0 | Williams Fork | | 0.00 | | |
| 5,612.2 | 5,556.0 | Cameo | | 0.00 | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|--------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 400.0 | 400.0 | 0.0 | 0.0 | Start Build 3.00 | |
| 751.0 | 749.0 | 32.1 | -1.5 | Start 3105.3 hold at 751.0 MD | |
| 3,856.3 | 3,802.0 | 598.9 | -28.4 | Start Drop -3.00 | |
| 4,207.2 | 4,151.0 | 631.1 | -29.9 | Back to Vertical | |
| 4,207.2 | 4,151.0 | 631.1 | -29.9 | Start 2229.0 hold at 4207.2 MD | |
| 6,436.2 | 6,380.0 | 631.1 | -29.9 | TD at 6436.2 | |

| | | |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|



Well Name: B&V 13A-07-07-95
Surface Location: B&V
North American Datum 1983, US State Plane 1983, Colorado Central Zone
Ground Elevation: 5084.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1598995.29 2280881.49 39° 27' 1.208 N 108° 2' 48.968 W
PAD Est KB B&V 13A-07-07-95 @ 5097.0usft (PAD Est KB)



Azimuths to True North
Magnetic North: 9.97°
Magnetic Field
Strength: 51909.5snT
Dip Angle: 65.61°
Date: 8/4/2014
Model: IGRF2010

B&V
B&V 13A-07-07-95
Design #1
9:25, August 05 2014

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|----------------------|--------|-------|-------|------------|------------|-----------------|------------------|---------------------------------|
| B&V 13A-07-07-95 TGT | 4151.0 | 631.1 | -29.9 | 1599626.93 | 2280869.28 | 39° 27' 7.445 N | 108° 2' 49.349 W | Rectangle (Sides: L40.0 W100.0) |

ANNOTATIONS

| TVD | MD | Annotation |
|--------|--------|--------------------------------|
| 400.0 | 400.0 | Start Build 3.00 |
| 749.0 | 751.0 | Start 3105.3 hold at 751.0 MD |
| 3802.0 | 3856.3 | Start Drop -3.00 |
| 4151.0 | 4207.2 | Back to Vertical |
| 4151.0 | 4207.2 | Start 2229.0 hold at 4207.2 MD |
| 6380.0 | 6436.2 | TD at 6436.2 |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Target |
|-----|--------|-------|--------|--------|-------|-------|------|--------|-------|----------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 751.0 | 10.53 | 357.29 | 749.0 | 32.1 | -1.5 | 3.00 | 357.29 | 32.2 | |
| 4 | 3856.3 | 10.53 | 357.29 | 3802.0 | 598.9 | -28.4 | 0.00 | 0.00 | 599.6 | |
| 5 | 4207.2 | 0.00 | 0.00 | 4151.0 | 631.1 | -29.9 | 3.00 | 180.00 | 631.8 | B&V 13A-07-07-95 TGT |
| 6 | 6436.2 | 0.00 | 0.00 | 6380.0 | 631.1 | -29.9 | 0.00 | 0.00 | 631.8 | |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation | DipAngle | DipDir |
|---------|--------|---------------|----------|--------|
| 3089.0 | 3131.0 | Williams Fork | 0.00 | |
| 4151.0 | 4207.2 | Top of Gas | 0.00 | |
| 5556.0 | 5612.2 | Cameo | 0.00 | |
| 6080.0 | 6136.2 | Rollins | 0.00 | |

