

| TVD | MD | Incl | Azi | +N/-S | +E/-W | VSec | Departure | Annotation |
|--------|--------|-------|--------|-------|---------|--------|-----------|------------------------|
| 120.0 | 120.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | Start Build 3.50 |
| 543.7 | 548.6 | 15.00 | 275.51 | 5.4 | -55.5 | 55.8 | 55.8 | Hold 15.00 Inclination |
| 1986.0 | 2043.8 | 15.00 | 275.51 | 42.5 | -440.7 | 442.8 | 442.8 | Start Build 3.50 |
| 2267.6 | 2342.2 | 25.44 | 275.51 | 52.4 | -543.2 | 545.8 | 545.8 | Hold 25.44 Inclination |
| 3879.3 | 4127.0 | 25.44 | 275.51 | 126.1 | -1306.4 | 1312.5 | 1312.5 | Start Drop -2.00 |
| 5110.0 | 5399.1 | 0.00 | 0.00 | 152.8 | -1583.0 | 1590.3 | 1590.3 | Vertical |
| 5210.0 | 5499.1 | 0.00 | 0.00 | 152.8 | -1583.0 | 1590.3 | 1590.3 | Top Gas |
| 7615.0 | 7904.1 | 0.00 | 0.00 | 152.8 | -1583.0 | 1590.3 | 1590.3 | TD at 7904.1 |

PICEANCE VLY NAD 83

RU 35-06S-094W

RMV 15-35 Pad

RWF 442-34 - Slot A6

Wellbore #1

Plan: Plan #2 20Dec10 kjs

Standard Planning Report - Geographic

07 February, 2011

Williams
Planning Report - Geographic

| | | | |
|-----------|------------------------|------------------------------|--|
| Database: | Compass R5000 WIN AUTH | Local Co-ordinate Reference: | Well RWF 442-34 - Slot A6 |
| Company: | PICEANCE VLY NAD 83 | TVD Reference: | KELLY BUSHING @ 5574.0usft (H&P 271 (24' RKB) kjs) |
| Project: | RU 35-06S-094W | MD Reference: | KELLY BUSHING @ 5574.0usft (H&P 271 (24' RKB) kjs) |
| Site: | RMV 15-35 Pad | North Reference: | True |
| Well: | RWF 442-34 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 20Dec10 kjs | | |

| | | | |
|-------------|-------------------------------------|---------------|-----------------------------|
| Project | RU 35-06S-094W, Garfield County, CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | Using geodetic scale factor |

| | | | | | |
|-----------------------|---------------|--------------|-------------------|-------------------|-------------------|
| Site | RMV 15-35 Pad | | | | |
| Site Position: | | Northing: | 1,609,578.20 usft | Latitude: | 39° 28' 59.723 N |
| From: | Map | Easting: | 2,333,138.00 usft | Longitude: | 107° 51' 46.503 W |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13.200 in | Grid Convergence: | -1.490 ° |

| | | | | | | |
|----------------------|----------------------|---------------------|-----------|-------------------|--------------|-------------------|
| Well | RWF 442-34 - Slot A6 | | | | | |
| Well Position | +N/-S | 0.0 usft | Northing: | 1,609,631.60 usft | Latitude: | 39° 29' 0.251 N |
| | +E/-W | 0.0 usft | Easting: | 2,333,139.30 usft | Longitude: | 107° 51' 46.505 W |
| Position Uncertainty | 0.0 usft | Wellhead Elevation: | | Ground Level: | 5,550.0 usft | |

| | | | | | |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2005-10 | 4/2/2008 | 10.685 | 65.849 | 52,610 |

| | | | | |
|-------------------|-------------------------|--------------|---------------|---------------|
| Design | Plan #2 20Dec10 kjs | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 275.51 |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.000 | |
| 120.0 | 0.00 | 0.00 | 120.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.000 | |
| 548.6 | 15.00 | 275.51 | 543.7 | 5.4 | -55.5 | 3.50 | 3.50 | 0.00 | 275.510 | |
| 2,043.8 | 15.00 | 275.51 | 1,988.0 | 42.5 | -440.7 | 0.00 | 0.00 | 0.00 | 0.000 | |
| 2,342.2 | 25.44 | 275.51 | 2,267.6 | 52.4 | -543.2 | 3.50 | 3.50 | 0.00 | 0.000 | |
| 4,127.0 | 25.44 | 275.51 | 3,879.3 | 126.1 | -1,306.4 | 0.00 | 0.00 | 0.00 | 0.000 | |
| 5,399.1 | 0.00 | 0.00 | 5,110.0 | 152.8 | -1,583.0 | 2.00 | -2.00 | 0.00 | 180.000 | |
| 5,499.1 | 0.00 | 0.00 | 5,210.0 | 152.8 | -1,583.0 | 0.00 | 0.00 | 0.00 | 0.000 | Top Gas (25' Radius) |
| 7,904.1 | 0.00 | 0.00 | 7,615.0 | 152.8 | -1,583.0 | 0.00 | 0.00 | 0.00 | 0.000 | |

Williams
Planning Report - Geographic

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|-----------|------------------------|------------------------------|--|
| Database: | Compass R5000 WIN AUTH | Local Co-ordinate Reference: | Well RWF 442-34 - Slot A6 |
| Company: | PICEANCE VLY NAD 83 | TVD Reference: | KELLY BUSHING @ 5574.0usft (H&P 271 (24' RKB) kjs) |
| Project: | RU 35-06S-094W | MD Reference: | KELLY BUSHING @ 5574.0usft (H&P 271 (24' RKB) kjs) |
| Site: | RMV 15-35 Pad | North Reference: | True |
| Well: | RWF 442-34 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 20Dec10 kjs | | |

| Planned Survey | | | | | | | | | |
|---------------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|-----------------|-------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 1,609,631.60 | 2,333,139.30 | 39° 29' 0.251 N | 107° 51' 46.505 W |
| 120.0 | 0.00 | 0.00 | 120.0 | 0.0 | 0.0 | 1,609,631.60 | 2,333,139.30 | 39° 29' 0.251 N | 107° 51' 46.505 W |
| Start Build 3.50 | | | | | | | | | |
| 548.6 | 15.00 | 275.51 | 543.7 | 5.4 | -55.5 | 1,609,638.39 | 2,333,083.94 | 39° 29' 0.304 N | 107° 51' 47.213 W |
| Hold 15.00 Inclination | | | | | | | | | |
| 1,124.5 | 15.00 | 275.51 | 1,100.0 | 19.7 | -203.9 | 1,609,656.56 | 2,332,936.00 | 39° 29' 0.446 N | 107° 51' 49.105 W |
| 9 5/8" | | | | | | | | | |
| 1,554.1 | 15.00 | 275.51 | 1,515.0 | 30.3 | -314.6 | 1,609,670.11 | 2,332,825.63 | 39° 29' 0.551 N | 107° 51' 50.517 W |
| Top of "G" Sand | | | | | | | | | |
| 1,657.7 | 15.00 | 275.51 | 1,615.0 | 32.9 | -341.3 | 1,609,673.38 | 2,332,799.04 | 39° 29' 0.577 N | 107° 51' 50.857 W |
| Base of "G" Sand | | | | | | | | | |
| 2,043.8 | 15.00 | 275.51 | 1,988.0 | 42.5 | -440.7 | 1,609,685.56 | 2,332,699.84 | 39° 29' 0.671 N | 107° 51' 52.126 W |
| Start Build 3.50 | | | | | | | | | |
| 2,342.2 | 25.44 | 275.51 | 2,267.6 | 52.4 | -543.2 | 1,609,696.11 | 2,332,597.64 | 39° 29' 0.769 N | 107° 51' 53.433 W |
| Hold 25.44 Inclination | | | | | | | | | |
| 4,127.0 | 25.44 | 275.51 | 3,879.3 | 126.1 | -1,306.4 | 1,609,791.62 | 2,331,836.64 | 39° 29' 1.497 N | 107° 52' 3.167 W |
| Start Drop -2.00 | | | | | | | | | |
| 4,237.5 | 23.23 | 275.51 | 3,980.0 | 130.5 | -1,351.8 | 1,609,797.17 | 2,331,791.44 | 39° 29' 1.540 N | 107° 52' 3.745 W |
| Mesaverde | | | | | | | | | |
| 5,399.1 | 0.00 | 0.00 | 5,110.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| Vertical | | | | | | | | | |
| 5,499.1 | 0.00 | 0.00 | 5,210.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| Top Gas - Approx. Top Gas | | | | | | | | | |
| 6,989.1 | 0.00 | 0.00 | 6,700.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| Cameo Coals | | | | | | | | | |
| 7,752.1 | 0.00 | 0.00 | 7,463.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| Base Lower Cameo Pay | | | | | | | | | |
| 7,754.1 | 0.00 | 0.00 | 7,465.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| Coal D | | | | | | | | | |
| 7,899.1 | 0.00 | 0.00 | 7,610.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| Rollins SS | | | | | | | | | |
| 7,904.1 | 0.00 | 0.00 | 7,615.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| TD at 7904.1 - TD | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|------------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| Top Gas (25' Radius) R1 | 0.00 | 0.00 | 5,210.0 | 152.8 | -1,583.0 | 1,609,825.50 | 2,331,560.90 | 39° 29' 1.761 N | 107° 52' 6.694 W |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 25.0) | | | | | | | | | |

| Casing Points | | | | | |
|-----------------------|-----------------------|--------|----------------------|--------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 1,124.5 | 1,100.0 | 9 5/8" | 9.625 | 12.250 | |

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| Project: | RU 35-06S-094W | MD Reference: | KELLY BUSHING @ 5574.0usft (H&P 271 (24' RKB) kjs) |
| Site: | RMV 15-35 Pad | North Reference: | True |
| Well: | RWF 442-34 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan #2 20Dec10 kjs | | |

| Formations | | | | | | |
|-----------------------|-----------------------|----------------------|-----------|---------|---------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction | |
| 1,554.1 | 1,515.0 | Top of "G" Sand | | | | |
| 1,657.7 | 1,615.0 | Base of "G" Sand | | | | |
| 4,237.5 | 3,980.0 | Mesaverde | | | | |
| 5,499.1 | 5,210.0 | Approx. Top Gas | | | | |
| 6,989.1 | 6,700.0 | Cameo Coals | | | | |
| 7,752.1 | 7,463.0 | Base Lower Cameo Pay | | | | |
| 7,754.1 | 7,465.0 | Coal D | | | | |
| 7,899.1 | 7,610.0 | Rollins SS | | | | |
| 7,904.1 | 7,615.0 | TD | | | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 120.0 | 120.0 | 0.0 | 0.0 | Start Build 3.50 | |
| 548.6 | 543.7 | 5.4 | -55.5 | Hold 15.00 Inclination | |
| 2,043.8 | 1,988.0 | 42.5 | -440.7 | Start Build 3.50 | |
| 2,342.2 | 2,267.6 | 52.4 | -543.2 | Hold 25.44 Inclination | |
| 4,127.0 | 3,879.3 | 126.1 | -1,306.4 | Start Drop -2.00 | |
| 5,399.1 | 5,110.0 | 152.8 | -1,583.0 | Vertical | |
| 5,499.1 | 5,210.0 | 152.8 | -1,583.0 | Top Gas | |
| 7,904.1 | 7,615.0 | 152.8 | -1,583.0 | TD at 7904.1 | |