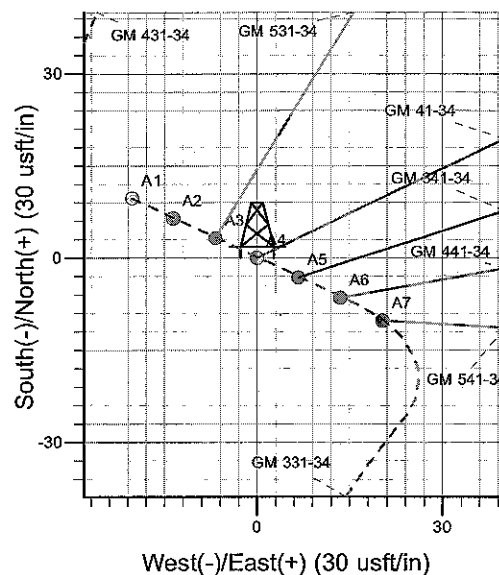
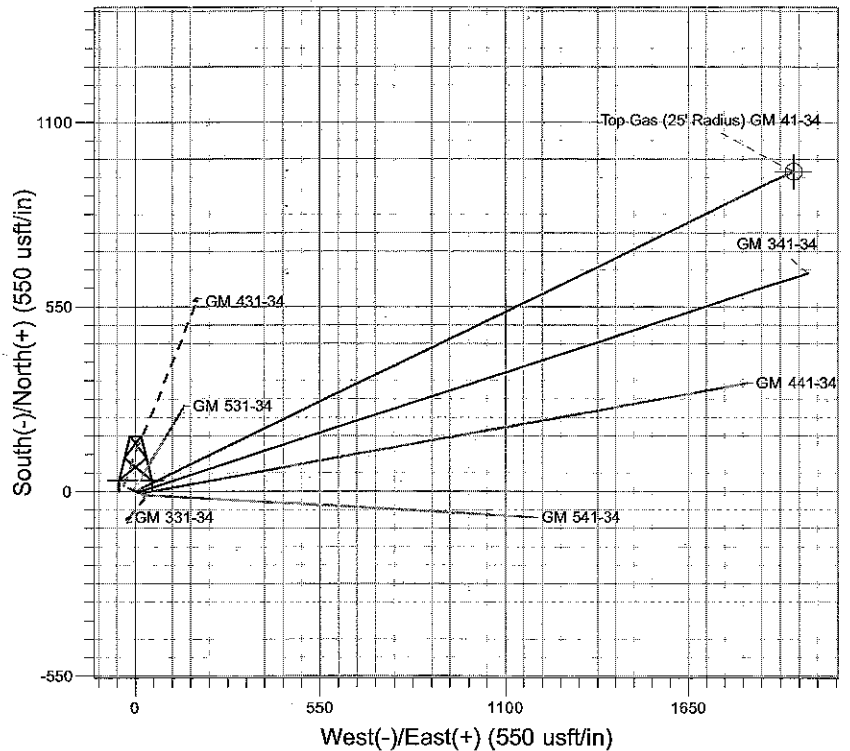
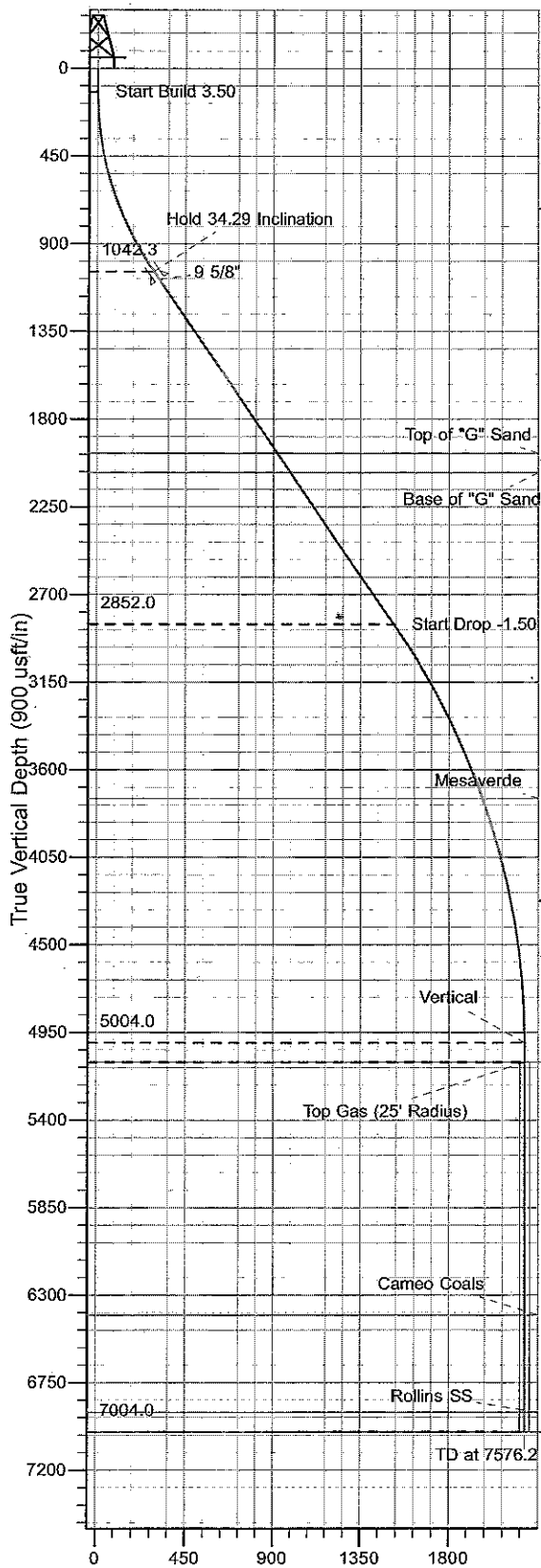




Well Name: GM 41-34
 Surface Location: GM 331-34 Pad
 North American Datum 1983, US State Plane 1983 Colorado Central Zone
 Ground Elevation: 5598.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1611960.10 2268240.00 39° 29' 5.763 N 108° 5' 34.781 W A4
 KELLY BUSHING @ 5622.0usft (H&P (24' RKB) kjs)



Project: GV 34-06S-096W
 Site: GM 331-34 Pad
 Well: GM 41-34
 Design #1 24Feb10 kjs

Azimuths to True North
 Magnetic North: 10.56°
 Magnetic Field
 Strength: 52365.8snT
 Dip Angle: 65.75°
 Date: 2/24/2010
 Model: IGRF2010

ANNOTATIONS

| TVD | MD | Inc | Azi | +N/-S | +E/-W | Vsect | Departure | Annotation |
|--------|--------|-------|-------|-------|--------|--------|-----------|------------------------|
| 120.0 | 120.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | Start Build 3.50 |
| 1042.3 | 1099.7 | 34.29 | 64.12 | 124.2 | 256.0 | 284.5 | 284.5 | Hold 34.29 Inclination |
| 2852.0 | 3290.2 | 34.29 | 64.12 | 662.9 | 1366.3 | 1518.6 | 1518.6 | Start Drop -1.50 |
| 5004.0 | 5576.2 | 0.00 | 0.00 | 952.7 | 1963.6 | 2182.5 | 2182.5 | Vertical |
| 5104.0 | 5676.2 | 0.00 | 0.00 | 952.7 | 1963.6 | 2182.5 | 2182.5 | Top Gas |
| 7004.0 | 7576.2 | 0.00 | 0.00 | 952.7 | 1963.6 | 2182.5 | 2182.5 | TD at 7576.2 |

Vertical Section at 64.12° (900 usft/in)

PICEANCE VLY NAD 83

GV 34-06S-096W

GM 331-34 Pad

GM 41-34 - Slot A4

Wellbore #1

Plan: Design #1 24Feb10 kjs

Standard Planning Report - Geographic

25 June, 2010

Williams

Planning Report - Geographic

| | | | |
|------------------|------------------------|-------------------------------------|------------------------------------------------|
| Database: | Compass R5000 WIN AUTH | Local Co-ordinate Reference: | Well GM 41-34 - Slot A4 |
| Company: | PICEANCE VLY NAD 83 | TVD Reference: | KELLY BUSHING @ 5622.0usft (H&P (24' RKB) kjs) |
| Project: | GV 34-06S-096W | MD Reference: | KELLY BUSHING @ 5622.0usft (H&P (24' RKB) kjs) |
| Site: | GM 331-34 Pad | North Reference: | True |
| Well: | GM 41-34 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 24Feb10 kjs | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | GV 34-06S-096W | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | |
|------------------------------|---------------|--------------------------|-------------------|
| Site | GM 331-34 Pad | | |
| Site Position: | | Northing: | 1,611,970.39 usft |
| From: | Map | Easting: | 2,268,219.96 usft |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13.200 in |
| | | Latitude: | 39° 29' 5.859 N |
| | | Longitude: | 108° 5' 35.040 W |
| | | Grid Convergence: | -1.635 ° |

| | | | |
|-----------------------------|--------------------|----------------------------|------------------------------------|
| Well | GM 41-34 - Slot A4 | | |
| Well Position | +N/-S | 0.0 usft | Northing: 1,611,960.10 usft |
| | +E/-W | 0.0 usft | Easting: 2,268,240.00 usft |
| Position Uncertainty | 0.0 usft | Wellhead Elevation: | Latitude: 39° 29' 5.763 N |
| | | | Longitude: 108° 5' 34.781 W |
| | | | Ground Level: 5,598.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 2/24/2010 | 10.562 | 65.747 | 52,366 |

| | | | | |
|--------------------------|-------------------------|---------------------|----------------------|----------------------|
| Design | Design #1 24Feb10 kjs | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 64.12 |

| 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 | |
| 1,099.7 | 34.29 | 64.12 | 1,042.3 | 124.2 | 256.0 | 3.50 | 3.50 | 0.00 | 64.118 | |
| 3,290.2 | 34.29 | 64.12 | 2,852.0 | 662.9 | 1,366.3 | 0.00 | 0.00 | 0.00 | 0.000 | |
| 5,576.2 | 0.00 | 0.00 | 5,004.0 | 952.7 | 1,963.6 | 1.50 | -1.50 | 0.00 | 180.000 | |
| 5,676.2 | 0.00 | 0.00 | 5,104.0 | 952.7 | 1,963.6 | 0.00 | 0.00 | 0.00 | 0.000 | Top Gas (25' Radius) |
| 7,576.2 | 0.00 | 0.00 | 7,004.0 | 952.7 | 1,963.6 | 0.00 | 0.00 | 0.00 | 0.000 | TD / PBHL GM 41-34 |

Williams
Planning Report - Geographic

| | | | |
|------------------|------------------------|-------------------------------------|------------------------------------------------|
| Database: | Compass R5000 WIN AUTH | Local Co-ordinate Reference: | Well GM 41-34 - Slot A4 |
| Company: | PICEANCE VLY NAD 83 | TVD Reference: | KELLY BUSHING @ 5622.0usft (H&P (24' RKB) kjs) |
| Project: | GV 34-06S-096W | MD Reference: | KELLY BUSHING @ 5622.0usft (H&P (24' RKB) kjs) |
| Site: | GM 331-34 Pad | North Reference: | True |
| Well: | GM 41-34 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 24Feb10 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 | 1,611,960.10 | 2,268,240.00 | 39° 29' 5.763 N | 108° 5' 34.781 W |
| 120.0 | 0.00 | 0.00 | 120.0 | 0.0 | 0.0 | 1,611,960.10 | 2,268,240.00 | 39° 29' 5.763 N | 108° 5' 34.781 W |
| Start Build 3.50 | | | | | | | | | |
| 1,099.7 | 34.29 | 64.12 | 1,042.3 | 124.2 | 256.0 | 1,612,076.95 | 2,268,499.44 | 39° 29' 6.990 N | 108° 5' 31.516 W |
| Hold 34.29 Inclination | | | | | | | | | |
| 1,149.0 | 34.29 | 64.12 | 1,083.0 | 136.3 | 281.0 | 1,612,088.34 | 2,268,524.74 | 39° 29' 7.110 N | 108° 5' 31.197 W |
| 9 5/8" | | | | | | | | | |
| 2,227.5 | 34.29 | 64.12 | 1,974.0 | 401.6 | 827.6 | 1,612,337.87 | 2,269,078.75 | 39° 29' 9.731 N | 108° 5' 24.225 W |
| Top of "G" Sand | | | | | | | | | |
| 2,348.5 | 34.29 | 64.12 | 2,074.0 | 431.3 | 889.0 | 1,612,365.87 | 2,269,140.92 | 39° 29' 10.026 N | 108° 5' 23.442 W |
| Base of "G" Sand | | | | | | | | | |
| 3,290.2 | 34.29 | 64.12 | 2,852.0 | 662.9 | 1,366.3 | 1,612,583.74 | 2,269,624.65 | 39° 29' 12.314 N | 108° 5' 17.354 W |
| Start Drop -1.50 | | | | | | | | | |
| 4,297.5 | 19.18 | 64.12 | 3,749.0 | 860.2 | 1,772.8 | 1,612,769.31 | 2,270,036.65 | 39° 29' 14.264 N | 108° 5' 12.168 W |
| Mesaverde | | | | | | | | | |
| 5,576.2 | 0.00 | 0.00 | 5,004.0 | 952.7 | 1,963.6 | 1,612,856.40 | 2,270,230.00 | 39° 29' 15.178 N | 108° 5' 9.734 W |
| Vertical | | | | | | | | | |
| 5,676.2 | 0.00 | 0.00 | 5,104.0 | 952.7 | 1,963.6 | 1,612,856.40 | 2,270,230.00 | 39° 29' 15.178 N | 108° 5' 9.734 W |
| Top Gas - Approx. Top Gas | | | | | | | | | |
| 6,976.2 | 0.00 | 0.00 | 6,404.0 | 952.7 | 1,963.6 | 1,612,856.40 | 2,270,230.00 | 39° 29' 15.178 N | 108° 5' 9.734 W |
| Cameo Coals | | | | | | | | | |
| 7,476.2 | 0.00 | 0.00 | 6,904.0 | 952.7 | 1,963.6 | 1,612,856.40 | 2,270,230.00 | 39° 29' 15.178 N | 108° 5' 9.734 W |
| Rollins SS | | | | | | | | | |
| 7,576.2 | 0.00 | 0.00 | 7,004.0 | 952.7 | 1,963.6 | 1,612,856.40 | 2,270,230.00 | 39° 29' 15.178 N | 108° 5' 9.734 W |
| TD at 7576.2 - 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) Gf | 0.00 | 0.00 | 5,104.0 | 952.7 | 1,963.6 | 1,612,856.40 | 2,270,230.00 | 39° 29' 15.178 N | 108° 5' 9.734 W |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 25.0) | | | | | | | | | |
| TD / PBHL GM 41-34 | 0.00 | 0.00 | 7,004.0 | 952.7 | 1,963.6 | 1,612,856.40 | 2,270,230.00 | 39° 29' 15.178 N | 108° 5' 9.734 W |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Casing Points | | | | | |
|-----------------------|-----------------------|--------|----------------------|--------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 1,149.0 | 1,083.0 | 9 5/8" | 9.625 | 12.250 | |

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Planning Report - Geographic

| | | | |
|------------------|------------------------|-------------------------------------|------------------------------------------------|
| Database: | Compass R5000 WIN AUTH | Local Co-ordinate Reference: | Well GM 41-34 Slot A4 |
| Company: | PICEANCE VLY NAD 83 | TVD Reference: | KELLY BUSHING @ 5622.0usft (H&P (24' RKB) kjs) |
| Project: | GV 34-06S-096W | MD Reference: | KELLY BUSHING @ 5622.0usft (H&P (24' RKB) kjs) |
| Site: | GM 331-34 Pad | North Reference: | True |
| Well: | GM 41-34 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Design #1 24Feb10 kjs | | |

| Formations | | | | | | |
|-----------------------|-----------------------|------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,227.5 | 1,974.0 | Top of "G" Sand | | | | |
| 2,348.5 | 2,074.0 | Base of "G" Sand | | | | |
| 4,297.5 | 3,749.0 | Mesaverde | | | | |
| 5,676.2 | 5,104.0 | Approx. Top Gas | | | | |
| 6,976.2 | 6,404.0 | Cameo Coals | | | | |
| 7,476.2 | 6,904.0 | Rollins SS | | | | |
| 7,576.2 | 7,004.0 | 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 | |
| 1,099.7 | 1,042.3 | 124.2 | 256.0 | Hold 34.29 Inclination | |
| 3,290.2 | 2,852.0 | 662.9 | 1,366.3 | Start Drop -1.50 | |
| 5,576.2 | 5,004.0 | 952.7 | 1,963.6 | Vertical | |
| 5,676.2 | 5,104.0 | 952.7 | 1,963.6 | Top Gas | |
| 7,576.2 | 7,004.0 | 952.7 | 1,963.6 | TD at 7576.2 | |