



REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Gentry B15 (112019), Grid North
Vertical (TVD) Reference: KB @ 5648.00ft (Original Well Elev)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: KB @ 5648.00ft (Original Well Elev)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Gentry

Geodetic System: Universal Transverse Mercator
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Zone 13N (108 W to 102 W)
System Datum: Mean Sea Level

SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSeet | Target |
|---------|------|-------|---------|--------|--------|------|--------|--------|--------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1150.00 | 0.00 | 0.00 | 1150.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1430.00 | 8.40 | 60.00 | 1429.00 | 10.24 | 17.74 | 3.00 | 60.00 | 19.50 | |
| 1523.84 | 8.40 | 40.63 | 1521.86 | 18.87 | 28.14 | 3.00 | -99.64 | 32.87 | |
| 3606.42 | 8.40 | 40.63 | 3582.10 | 249.66 | 226.20 | 0.00 | 0.00 | 336.89 | |
| 3886.32 | 0.00 | 40.63 | 3861.00 | 265.20 | 239.53 | 3.00 | 180.00 | 357.36 | |
| 7903.32 | 0.00 | 40.63 | 7878.00 | 265.20 | 239.53 | 0.00 | 40.63 | 357.36 | BH B15 |



Antero Resources

Gentry

Gentry B

Gentry B15 (112019)

Gentry B15

Plan: Gentry B15 P01

Standard Planning Report - Geographic

29 May, 2012



| | | | |
|------------------|---------------------|-------------------------------------|-------------------------------------|
| Database: | EDM5000-New | Local Co-ordinate Reference: | Well Gentry B15 (112019) |
| Company: | Antero Resources | TVD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Project: | Gentry | MD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Site: | Gentry B | North Reference: | Grid |
| Well: | Gentry B15 (112019) | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Gentry B15 | | |
| Design: | Gentry B15 P01 | | |

| | | | |
|--------------------|-------------------------------|----------------------|----------------|
| Project | Gentry | | |
| Map System: | Universal Transverse Mercator | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Zone 13N (108 W to 102 W) | | |

| | | | | | |
|-----------------------|----------|--------------|--------------------|-------------------|-----------------|
| Site | Gentry B | | | | |
| Site Position: | | Northing: | 14,366,383.28 usft | Latitude: | 39.528393199°N |
| From: | Map | Easting: | 880,664.23 usft | Longitude: | 107.694272643°W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.72 ° |

| Well | Gentry B15 (112019) | | | | | |
|----------------------|---------------------|---------|---------------------|--------------------|---------------|-----------------|
| Well Position | +N/-S | 0.00 ft | Northing: | 14,366,389.80 usft | Latitude: | 39.528417898°N |
| | +E/-W | 0.00 ft | Easting: | 880,747.08 usft | Longitude: | 107.693979847°W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | | Ground Level: | 5,624.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Gentry B15 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 08/18/12 | 10.07 | 65.79 | 52,191 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|------|
| Design | Gentry B15 P01 | | | | |
| Audit Notes: | | | | | |
| Version: | Phase: | PROTOTYPE | | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 7,878.00 | 0.00 | 0.00 | 42.09 | |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|--------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,150.00 | 0.00 | 0.00 | 1,150.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,430.00 | 8.40 | 60.00 | 1,429.00 | 10.24 | 17.74 | 3.00 | 3.00 | 0.00 | 60.00 | |
| 1,523.85 | 8.40 | 40.63 | 1,521.86 | 18.87 | 28.14 | 3.00 | 0.00 | -20.64 | -99.64 | |
| 3,606.42 | 8.40 | 40.63 | 3,582.10 | 249.66 | 226.20 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,886.32 | 0.00 | 40.63 | 3,861.00 | 265.20 | 239.53 | 3.00 | -3.00 | 0.00 | 180.00 | |
| 7,903.32 | 0.00 | 40.63 | 7,878.00 | 265.20 | 239.53 | 0.00 | 0.00 | 0.00 | 40.63 | BH B15 |

| | | | |
|------------------|---------------------|-------------------------------------|-------------------------------------|
| Database: | EDM5000-New | Local Co-ordinate Reference: | Well Gentry B15 (112019) |
| Company: | Antero Resources | TVD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Project: | Gentry | MD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Site: | Gentry B | North Reference: | Grid |
| Well: | Gentry B15 (112019) | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Gentry B15 | | |
| Design: | Gentry B15 P01 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|----------------|-----------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 500.00 | 0.00 | 0.00 | 500.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 600.00 | 0.00 | 0.00 | 600.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 700.00 | 0.00 | 0.00 | 700.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 800.00 | 0.00 | 0.00 | 800.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 900.00 | 0.00 | 0.00 | 900.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 1,000.00 | 0.00 | 0.00 | 1,000.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| Surf CSG at 1000MD/TVD | | | | | | | | | |
| 1,100.00 | 0.00 | 0.00 | 1,100.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| 1,150.00 | 0.00 | 0.00 | 1,150.00 | 0.00 | 0.00 | 14,366,389.80 | 880,747.08 | 39.528417898°N | 107.693979847°W |
| NUDGE 3°/100 at 1150 MD/TVD | | | | | | | | | |
| 1,200.00 | 1.50 | 60.00 | 1,199.99 | 0.33 | 0.57 | 14,366,390.13 | 880,747.65 | 39.528418843°N | 107.693977874°W |
| 1,300.00 | 4.50 | 60.00 | 1,299.85 | 2.94 | 5.10 | 14,366,392.74 | 880,752.18 | 39.528426393°N | 107.693962097°W |
| 1,400.00 | 7.50 | 60.00 | 1,399.29 | 8.17 | 14.15 | 14,366,397.97 | 880,761.23 | 39.528441473°N | 107.693930586°W |
| 1,430.00 | 8.40 | 60.00 | 1,429.00 | 10.24 | 17.74 | 14,366,400.04 | 880,764.82 | 39.528447460°N | 107.693918077°W |
| BUILD 3°/100 at 1430 MD/1429 TVD | | | | | | | | | |
| 1,500.00 | 8.31 | 45.52 | 1,498.26 | 16.34 | 25.78 | 14,366,406.14 | 880,772.86 | 39.528464856°N | 107.693890251°W |
| 1,523.85 | 8.40 | 40.63 | 1,521.86 | 18.87 | 28.14 | 14,366,408.67 | 880,775.22 | 39.528471987°N | 107.693882147°W |
| HOLD 8° at 1524 MD/1522 TVD | | | | | | | | | |
| 1,600.00 | 8.40 | 40.63 | 1,597.19 | 27.31 | 35.39 | 14,366,417.11 | 880,782.47 | 39.528495734°N | 107.693857386°W |
| 1,700.00 | 8.40 | 40.63 | 1,696.12 | 38.39 | 44.90 | 14,366,428.19 | 880,791.98 | 39.528526918°N | 107.693824872°W |
| 1,800.00 | 8.40 | 40.63 | 1,795.05 | 49.48 | 54.41 | 14,366,439.27 | 880,801.49 | 39.528558101°N | 107.693792358°W |
| 1,900.00 | 8.40 | 40.63 | 1,893.98 | 60.56 | 63.92 | 14,366,450.36 | 880,811.00 | 39.528589284°N | 107.693759844°W |
| 2,000.00 | 8.40 | 40.63 | 1,992.91 | 71.64 | 73.43 | 14,366,461.44 | 880,820.51 | 39.528620468°N | 107.693727330°W |
| 2,100.00 | 8.40 | 40.63 | 2,091.83 | 82.72 | 82.94 | 14,366,472.52 | 880,830.02 | 39.528651651°N | 107.693694816°W |
| 2,200.00 | 8.40 | 40.63 | 2,190.76 | 93.80 | 92.45 | 14,366,483.60 | 880,839.53 | 39.528682835°N | 107.693662302°W |
| 2,300.00 | 8.40 | 40.63 | 2,289.69 | 104.89 | 101.96 | 14,366,494.68 | 880,849.04 | 39.528714018°N | 107.693629788°W |
| 2,400.00 | 8.40 | 40.63 | 2,388.62 | 115.97 | 111.47 | 14,366,505.77 | 880,858.55 | 39.528745201°N | 107.693597273°W |
| 2,500.00 | 8.40 | 40.63 | 2,487.55 | 127.05 | 120.98 | 14,366,516.85 | 880,868.06 | 39.528776385°N | 107.693564759°W |
| 2,600.00 | 8.40 | 40.63 | 2,586.47 | 138.13 | 130.49 | 14,366,527.93 | 880,877.57 | 39.528807568°N | 107.693532245°W |
| 2,700.00 | 8.40 | 40.63 | 2,685.40 | 149.22 | 140.00 | 14,366,539.01 | 880,887.08 | 39.528838751°N | 107.693499731°W |
| 2,800.00 | 8.40 | 40.63 | 2,784.33 | 160.30 | 149.51 | 14,366,550.10 | 880,896.59 | 39.528869935°N | 107.693467216°W |
| 2,900.00 | 8.40 | 40.63 | 2,883.26 | 171.38 | 159.02 | 14,366,561.18 | 880,906.10 | 39.528901118°N | 107.693434702°W |
| 3,000.00 | 8.40 | 40.63 | 2,982.19 | 182.46 | 168.53 | 14,366,572.26 | 880,915.60 | 39.528932301°N | 107.693402188°W |
| 3,100.00 | 8.40 | 40.63 | 3,081.11 | 193.54 | 178.04 | 14,366,583.34 | 880,925.11 | 39.528963485°N | 107.693369673°W |
| 3,200.00 | 8.40 | 40.63 | 3,180.04 | 204.63 | 187.55 | 14,366,594.42 | 880,934.62 | 39.528994668°N | 107.693337159°W |
| 3,300.00 | 8.40 | 40.63 | 3,278.97 | 215.71 | 197.06 | 14,366,605.51 | 880,944.13 | 39.529025851°N | 107.693304644°W |
| 3,400.00 | 8.40 | 40.63 | 3,377.90 | 226.79 | 206.57 | 14,366,616.59 | 880,953.64 | 39.529057035°N | 107.693272130°W |
| 3,500.00 | 8.40 | 40.63 | 3,476.83 | 237.87 | 216.08 | 14,366,627.67 | 880,963.15 | 39.529088218°N | 107.693239615°W |
| 3,600.00 | 8.40 | 40.63 | 3,575.75 | 248.95 | 225.59 | 14,366,638.75 | 880,972.66 | 39.529119401°N | 107.693207101°W |
| 3,606.42 | 8.40 | 40.63 | 3,582.10 | 249.66 | 226.20 | 14,366,639.46 | 880,973.27 | 39.529121402°N | 107.693205015°W |
| DROP 3°/100 at 3606 MD/3582 TVD | | | | | | | | | |
| 3,700.00 | 5.59 | 40.63 | 3,674.98 | 258.31 | 233.61 | 14,366,648.11 | 880,980.69 | 39.529145730°N | 107.693179648°W |
| 3,800.00 | 2.59 | 40.63 | 3,774.71 | 263.72 | 238.26 | 14,366,653.52 | 880,985.34 | 39.529160957°N | 107.693163771°W |
| 3,886.32 | 0.00 | 40.63 | 3,861.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| VERTICAL at 3886 MD/3861 TVD | | | | | | | | | |
| 3,900.00 | 0.00 | 40.63 | 3,874.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,000.00 | 0.00 | 40.63 | 3,974.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,100.00 | 0.00 | 40.63 | 4,074.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,200.00 | 0.00 | 40.63 | 4,174.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |

| | | | |
|------------------|---------------------|-------------------------------------|-------------------------------------|
| Database: | EDM5000-New | Local Co-ordinate Reference: | Well Gentry B15 (112019) |
| Company: | Antero Resources | TVD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Project: | Gentry | MD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Site: | Gentry B | North Reference: | Grid |
| Well: | Gentry B15 (112019) | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Gentry B15 | | |
| Design: | Gentry B15 P01 | | |

| Planned Survey | | | | | | | | | |
|-------------------------------|-----------------|-------------|---------------------|------------|------------|---------------------|--------------------|----------------|-----------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude |
| 4,203.32 | 0.00 | 40.63 | 4,178.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| Mesaverde | | | | | | | | | |
| 4,300.00 | 0.00 | 40.63 | 4,274.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,400.00 | 0.00 | 40.63 | 4,374.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,500.00 | 0.00 | 40.63 | 4,474.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,600.00 | 0.00 | 40.63 | 4,574.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,700.00 | 0.00 | 40.63 | 4,674.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,800.00 | 0.00 | 40.63 | 4,774.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 4,900.00 | 0.00 | 40.63 | 4,874.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,000.00 | 0.00 | 40.63 | 4,974.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,003.32 | 0.00 | 40.63 | 4,978.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| Price Coal | | | | | | | | | |
| 5,100.00 | 0.00 | 40.63 | 5,074.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,200.00 | 0.00 | 40.63 | 5,174.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,300.00 | 0.00 | 40.63 | 5,274.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,400.00 | 0.00 | 40.63 | 5,374.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,500.00 | 0.00 | 40.63 | 5,474.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,600.00 | 0.00 | 40.63 | 5,574.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,700.00 | 0.00 | 40.63 | 5,674.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,703.32 | 0.00 | 40.63 | 5,678.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| Top Gas | | | | | | | | | |
| 5,800.00 | 0.00 | 40.63 | 5,774.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 5,900.00 | 0.00 | 40.63 | 5,874.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,000.00 | 0.00 | 40.63 | 5,974.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,100.00 | 0.00 | 40.63 | 6,074.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,200.00 | 0.00 | 40.63 | 6,174.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,300.00 | 0.00 | 40.63 | 6,274.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,400.00 | 0.00 | 40.63 | 6,374.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,500.00 | 0.00 | 40.63 | 6,474.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,600.00 | 0.00 | 40.63 | 6,574.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,603.32 | 0.00 | 40.63 | 6,578.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| Cameo | | | | | | | | | |
| 6,700.00 | 0.00 | 40.63 | 6,674.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,800.00 | 0.00 | 40.63 | 6,774.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 6,900.00 | 0.00 | 40.63 | 6,874.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,000.00 | 0.00 | 40.63 | 6,974.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,100.00 | 0.00 | 40.63 | 7,074.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,200.00 | 0.00 | 40.63 | 7,174.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,300.00 | 0.00 | 40.63 | 7,274.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,400.00 | 0.00 | 40.63 | 7,374.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,500.00 | 0.00 | 40.63 | 7,474.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,600.00 | 0.00 | 40.63 | 7,574.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,700.00 | 0.00 | 40.63 | 7,674.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,703.32 | 0.00 | 40.63 | 7,678.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| Rollins | | | | | | | | | |
| 7,800.00 | 0.00 | 40.63 | 7,774.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,900.00 | 0.00 | 40.63 | 7,874.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| 7,903.00 | 0.00 | 40.63 | 7,877.68 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| TD at 7903 MD/7878 TVD | | | | | | | | | |
| 7,903.32 | 0.00 | 40.63 | 7,878.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |

| | | | |
|------------------|---------------------|-------------------------------------|-------------------------------------|
| Database: | EDM5000-New | Local Co-ordinate Reference: | Well Gentry B15 (112019) |
| Company: | Antero Resources | TVD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Project: | Gentry | MD Reference: | KB @ 5648.00ft (Original Well Elev) |
| Site: | Gentry B | North Reference: | Grid |
| Well: | Gentry B15 (112019) | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Gentry B15 | | |
| Design: | Gentry B15 P01 | | |

| Design Targets | | | | | | | | | |
|---------------------------|-----------|----------|----------|--------|--------|---------------|------------|----------------|-----------------|
| Target Name | | | | | | | | | |
| - hit/miss target | Dip Angle | Dip Dir. | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| - Shape | (°) | (°) | (ft) | (ft) | (ft) | (usft) | (usft) | | |
| BH B15 | 0.00 | 360.00 | 7,878.00 | 265.20 | 239.53 | 14,366,655.00 | 880,986.61 | 39.529165121°N | 107.693159429°W |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 20.00) | | | | | | | | | |

| Casing Points | | | | | |
|----------------|----------------|------------------------|--|-----------------|---------------|
| Measured Depth | Vertical Depth | | | Casing Diameter | Hole Diameter |
| (ft) | (ft) | Name | | (in) | (in) |
| 1,000.00 | 1,000.00 | Surf CSG at 1000MD/TVD | | 5.500 | 6.000 |

| Formations | | | | | |
|----------------|----------------|------------|-----------|-----|---------------|
| Measured Depth | Vertical Depth | | | Dip | Dip Direction |
| (ft) | (ft) | Name | Lithology | (°) | (°) |
| 4,203.32 | 4,178.00 | Mesaverde | | | |
| 5,003.32 | 4,978.00 | Price Coal | | | |
| 5,703.32 | 5,678.00 | Top Gas | | | |
| 6,603.32 | 6,578.00 | Cameo | | | |
| 7,703.32 | 7,678.00 | Rollins | | | |

| Plan Annotations | | | | | |
|------------------|----------------|-------------------|--------|----------------------------------|--|
| Measured Depth | Vertical Depth | Local Coordinates | | | |
| (ft) | (ft) | +N/-S | +E/-W | Comment | |
| (ft) | (ft) | (ft) | (ft) | | |
| 1,150.00 | 1,150.00 | 0.00 | 0.00 | NUDGE 3°/100 at 1150 MD/TVD | |
| 1,430.00 | 1,429.00 | 10.24 | 17.74 | BUILD 3°/100 at 1430 MD/1429 TVD | |
| 1,523.85 | 1,521.86 | 18.87 | 28.14 | HOLD 8° at 1524 MD/1522 TVD | |
| 3,606.42 | 3,582.10 | 249.66 | 226.20 | DROP 3°/100 at 3606 MD/3582 TVD | |
| 3,886.32 | 3,861.00 | 265.20 | 239.53 | VERTICAL at 3886 MD/3861 TVD | |
| 7,903.00 | 7,877.68 | 265.20 | 239.53 | TD at 7903 MD/7878 TVD | |