



Project: Rio Blanco County, CO
 Site: RGU 23-6-297 Pad
 Well: RGU 42-6-297
 Wellbore: Wellbore #1
 Design: Plan 1
 Latitude: 39.904946
 Longitude: -108.325353
 Ground Level: 6222.00
 KB=30' @ 6252.00usft (H&P #329)



PROJECT DETAILS: Rio Blanco County, CO

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Colorado Central Zone
 System Datum: Mean Sea Level

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

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|---------------------|----------|---------|---------|------------|------------|-----------|-------------|-------------------------|
| RGU 42-6-297 - VP | 8532.00 | 1602.71 | 2291.79 | 1768367.43 | 2209785.28 | 39.909345 | -108.317184 | Circle (Radius: 100.00) |
| RGU 42-6-297 - PBHL | 12312.00 | 1602.71 | 2291.79 | 1768367.43 | 2209785.28 | 39.909345 | -108.317184 | Point |

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RGU 42-6-297 - Slot RGU 42-6-297, True North
 Vertical (TVD) Reference: KB=30' @ 6252.00usft (H&P #329)
 Section (VS) Reference: Slot - RGU 42-6-297(0.00N, 0.00E)
 Measured Depth Reference: KB=30' @ 6252.00usft (H&P #329)
 Calculation Method: Minimum Curvature

ANNOTATIONS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | VSec | Departure | Annotation |
|----------|-------|-------|----------|---------|---------|---------|-----------|----------------------------------|
| 120.00 | 0.00 | 0.00 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | Start Build 2.00 |
| 370.00 | 5.00 | 35.00 | 369.68 | 8.93 | 6.25 | 10.24 | 10.90 | Start DLS 2.00 TFO 26.07 |
| 1210.36 | 21.41 | 55.37 | 1185.31 | 126.92 | 154.53 | 199.37 | 200.92 | Start 6393.59 hold at 1210.36 MD |
| 7603.95 | 21.41 | 55.37 | 7137.76 | 1452.96 | 2074.92 | 2533.06 | 2534.65 | Start Drop -1.50 |
| 9031.16 | 0.00 | 0.00 | 8532.00 | 1602.71 | 2291.79 | 2796.60 | 2798.20 | Start 3780.00 hold at 9031.16 MD |
| 12811.16 | 0.00 | 0.00 | 12312.00 | 1602.71 | 2291.79 | 2796.60 | 2798.20 | TD at 12811.16 |

WELL DETAILS: RGU 42-6-297

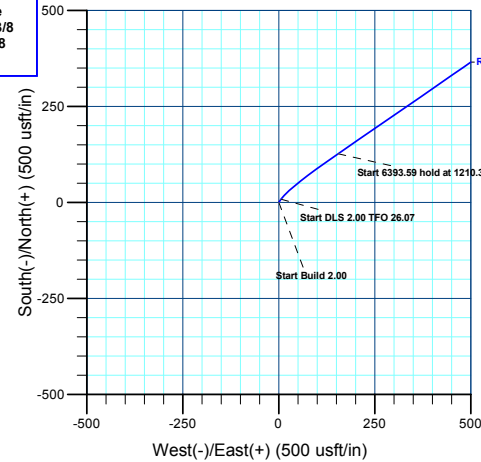
| +N/-S | +E/-W | Northing | Ground Elev. | Latitude | Longitude | Slot |
|-------|-------|------------|--------------|-----------|-------------|--------------|
| 0.00 | 0.00 | 1766836.76 | 6222.00 | 39.904946 | -108.325353 | RGU 42-6-297 |

CASING DETAILS

| TVD | MD | Name | Size |
|---------|---------|----------------------------|--------|
| 1240.00 | 1269.10 | 13 3/8" Surface Casing | 13-3/8 |
| 2940.00 | 3095.09 | 9 5/8" Intermediate Casing | 9-5/8 |

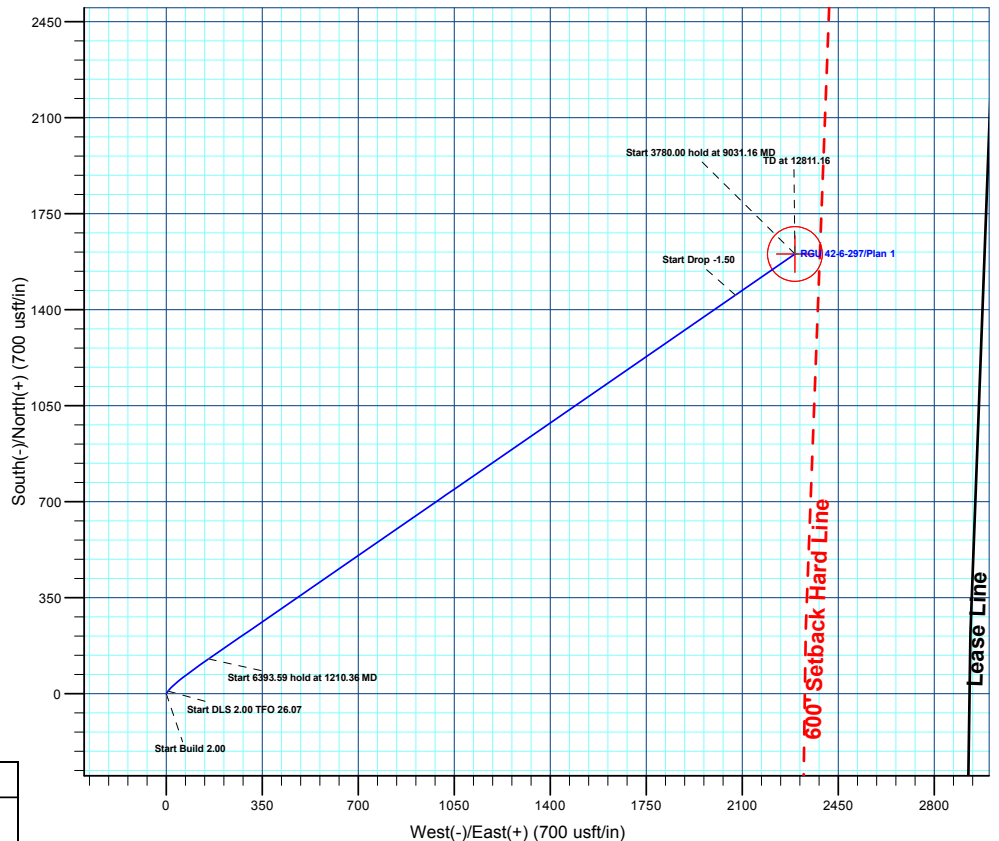
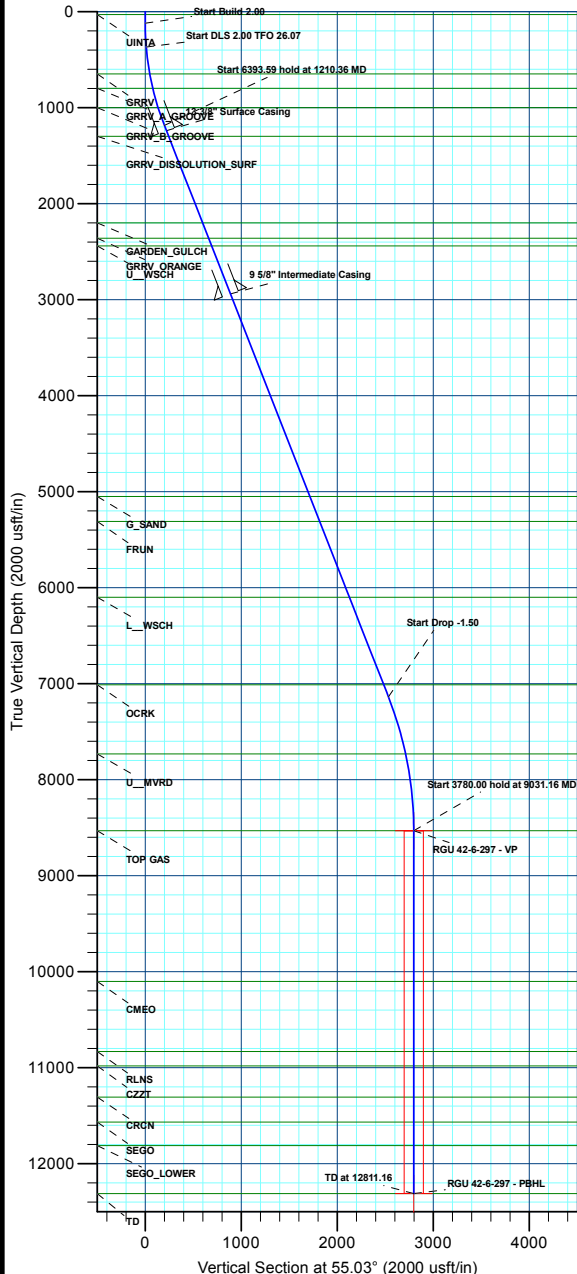
FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|----------|----------|-----------------------|
| 30.00 | 30.00 | UINTA |
| 650.00 | 652.94 | GRRV |
| 800.00 | 806.25 | GRRV_A_GROOVE |
| 1000.00 | 1013.79 | GRRV_B_GROOVE |
| 1300.00 | 1333.55 | GRRV_DISSOLUTION_SURF |
| 2200.00 | 2300.25 | GARDEN_GULCH |
| 2360.00 | 2472.11 | GRRV_ORANGE |
| 2440.00 | 2558.04 | U_WSCH |
| 5050.00 | 5361.46 | G_SAND |
| 5310.00 | 5640.73 | FRUN |
| 6100.00 | 6489.28 | L_WSCH |
| 7012.00 | 7468.87 | OCRK |
| 7732.00 | 8225.20 | U_MVRD |
| 8532.00 | 9031.16 | TOP GAS |
| 10102.00 | 10601.16 | CMEO |
| 10832.00 | 11331.16 | RLNS |
| 10982.00 | 11481.16 | CZTZ |
| 11307.00 | 11806.16 | CRCN |
| 11567.00 | 12066.16 | SEGO |
| 11812.00 | 12311.16 | SEGO_LOWER |
| 12312.00 | 12811.16 | TD |



Azimuths to True North
 Magnetic North: 9.20°

Magnetic Field
 Strength: 51291.5nT
 Dip Angle: 65.83°
 Date: 12/31/2020
 Model: HDGM2020



Plan: Plan 1 (RGU 42-6-297/Wellbore #1)

Created By: Chase Chambers Date: 9:03, May 11 2022



Terra Energy Partners, LLP

Rio Blanco County, CO

RGU 23-6-297 Pad

RGU 42-6-297 - Slot RGU 42-6-297

Wellbore #1

Plan: Plan 1

KLX Well Planning Report

10 May, 2022



| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well RGU 42-6-297 - Slot RGU 42-6-297 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Project: | Rio Blanco County, CO | MD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Site: | RGU 23-6-297 Pad | North Reference: | True |
| Well: | RGU 42-6-297 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Rio Blanco County, CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | | | |
|------------------------------|------------------|---------------------|-------------------|--------------------------|---------|
| Site | RGU 23-6-297 Pad | | | | |
| Site Position: | Northing: | 1,766,844.82 usft | Latitude: | 39.904967 | |
| From: Map | Easting: | 2,207,435.21 usft | Longitude: | -108.325388 | |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -1.78 ° |

| | | | | | | |
|-----------------------------|----------------------------------|------------|----------------------------|-------------------|----------------------|---------------|
| Well | RGU 42-6-297 - Slot RGU 42-6-297 | | | | | |
| Well Position | +N/-S | -7.76 usft | Northing: | 1,766,836.76 usft | Latitude: | 39.904946 |
| | +E/-W | 9.80 usft | Easting: | 2,207,444.76 usft | Longitude: | -108.325353 |
| Position Uncertainty | 0.00 usft | | Wellhead Elevation: | | Ground Level: | 6,222.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2020 | 12/31/2020 | 9.20 | 65.83 | 51,291.50000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan 1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 55.03 |

| 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 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 120.00 | 0.00 | 0.00 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 370.00 | 5.00 | 35.00 | 369.68 | 8.93 | 6.25 | 2.00 | 2.00 | 0.00 | 35.00 | |
| 1,210.36 | 21.41 | 55.37 | 1,185.31 | 126.92 | 154.53 | 2.00 | 1.95 | 2.42 | 26.07 | |
| 7,603.95 | 21.41 | 55.37 | 7,137.76 | 1,452.96 | 2,074.92 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,031.16 | 0.00 | 0.00 | 8,532.00 | 1,602.71 | 2,291.79 | 1.50 | -1.50 | 0.00 | 180.00 | RGU 42-6-297 - VP |
| 12,811.16 | 0.00 | 0.00 | 12,312.00 | 1,602.71 | 2,291.79 | 0.00 | 0.00 | 0.00 | 0.00 | RGU 42-6-297 - PBHI |

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well RGU 42-6-297 - Slot RGU 42-6-297 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Project: | Rio Blanco County, CO | MD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Site: | RGU 23-6-297 Pad | North Reference: | True |
| Well: | RGU 42-6-297 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| UINTA | | | | | | | | | |
| 30.00 | 0.00 | 0.00 | 30.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 2.00 | | | | | | | | | |
| 120.00 | 0.00 | 0.00 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 1.60 | 35.00 | 199.99 | 0.91 | 0.64 | 1.05 | 2.00 | 2.00 | 0.00 |
| 300.00 | 3.60 | 35.00 | 299.88 | 4.63 | 3.24 | 5.31 | 2.00 | 2.00 | 0.00 |
| Start DLS 2.00 TFO 26.07 | | | | | | | | | |
| 370.00 | 5.00 | 35.00 | 369.68 | 8.93 | 6.25 | 10.24 | 2.00 | 2.00 | 0.00 |
| 400.00 | 5.55 | 37.73 | 399.56 | 11.15 | 7.89 | 12.85 | 2.00 | 1.82 | 9.10 |
| 500.00 | 7.42 | 43.88 | 498.91 | 19.63 | 15.32 | 23.81 | 2.00 | 1.88 | 6.15 |
| 600.00 | 9.35 | 47.53 | 597.84 | 29.77 | 25.80 | 38.20 | 2.00 | 1.93 | 3.65 |
| GRRV | | | | | | | | | |
| 652.94 | 10.38 | 48.91 | 650.00 | 35.81 | 32.57 | 47.21 | 2.00 | 1.95 | 2.62 |
| 700.00 | 11.31 | 49.93 | 696.21 | 41.57 | 39.29 | 56.02 | 2.00 | 1.96 | 2.17 |
| 800.00 | 13.27 | 51.63 | 793.92 | 55.00 | 55.80 | 77.25 | 2.00 | 1.97 | 1.70 |
| GRRV_A_GROOVE | | | | | | | | | |
| 806.25 | 13.40 | 51.72 | 800.00 | 55.90 | 56.93 | 78.69 | 2.00 | 1.97 | 1.44 |
| 900.00 | 15.25 | 52.90 | 890.83 | 70.06 | 75.29 | 101.85 | 2.00 | 1.98 | 1.26 |
| 1,000.00 | 17.23 | 53.89 | 986.84 | 86.73 | 97.74 | 129.80 | 2.00 | 1.98 | 0.98 |
| GRRV_B_GROOVE | | | | | | | | | |
| 1,013.79 | 17.50 | 54.00 | 1,000.00 | 89.15 | 101.07 | 133.92 | 2.00 | 1.98 | 0.86 |
| 1,100.00 | 19.21 | 54.67 | 1,081.82 | 104.97 | 123.13 | 161.07 | 2.00 | 1.99 | 0.77 |
| 1,200.00 | 21.20 | 55.31 | 1,175.66 | 124.78 | 151.43 | 195.61 | 2.00 | 1.99 | 0.64 |
| Start 6393.59 hold at 1210.36 MD | | | | | | | | | |
| 1,210.36 | 21.41 | 55.37 | 1,185.31 | 126.92 | 154.53 | 199.37 | 2.00 | 1.99 | 0.58 |
| 13 3/8" Surface Casing | | | | | | | | | |
| 1,269.10 | 21.41 | 55.37 | 1,240.00 | 139.10 | 172.17 | 220.81 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 21.41 | 55.37 | 1,268.77 | 145.51 | 181.45 | 232.09 | 0.00 | 0.00 | 0.00 |
| GRRV DISSOLUTION SURF | | | | | | | | | |
| 1,333.55 | 21.41 | 55.37 | 1,300.00 | 152.47 | 191.53 | 244.34 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 21.41 | 55.37 | 1,361.87 | 166.25 | 211.49 | 268.59 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 21.41 | 55.37 | 1,454.97 | 186.99 | 241.53 | 305.09 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 21.41 | 55.37 | 1,548.07 | 207.73 | 271.56 | 341.59 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 21.41 | 55.37 | 1,641.17 | 228.47 | 301.60 | 378.09 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 21.41 | 55.37 | 1,734.27 | 249.21 | 331.63 | 414.59 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 21.41 | 55.37 | 1,827.37 | 269.95 | 361.67 | 451.09 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 21.41 | 55.37 | 1,920.47 | 290.69 | 391.71 | 487.59 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 21.41 | 55.37 | 2,013.57 | 311.43 | 421.74 | 524.09 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 21.41 | 55.37 | 2,106.67 | 332.17 | 451.78 | 560.60 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 21.41 | 55.37 | 2,199.77 | 352.91 | 481.82 | 597.10 | 0.00 | 0.00 | 0.00 |
| GARDEN_GULCH | | | | | | | | | |
| 2,300.25 | 21.41 | 55.37 | 2,200.00 | 352.97 | 481.89 | 597.19 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 21.41 | 55.37 | 2,292.87 | 373.65 | 511.85 | 633.60 | 0.00 | 0.00 | 0.00 |
| GRRV_ORANGE | | | | | | | | | |
| 2,472.11 | 21.41 | 55.37 | 2,360.00 | 388.61 | 533.51 | 659.92 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 21.41 | 55.37 | 2,385.97 | 394.39 | 541.89 | 670.10 | 0.00 | 0.00 | 0.00 |
| U_WSCH | | | | | | | | | |
| 2,558.04 | 21.41 | 55.37 | 2,440.00 | 406.43 | 559.32 | 691.28 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 21.41 | 55.37 | 2,479.07 | 415.13 | 571.92 | 706.60 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 21.41 | 55.37 | 2,572.17 | 435.87 | 601.96 | 743.10 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well RGU 42-6-297 - Slot RGU 42-6-297 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Project: | Rio Blanco County, CO | MD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Site: | RGU 23-6-297 Pad | North Reference: | True |
| Well: | RGU 42-6-297 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Planned Survey | | | | | | | | | |
|-----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 2,800.00 | 21.41 | 55.37 | 2,665.27 | 456.61 | 632.00 | 779.60 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 21.41 | 55.37 | 2,758.37 | 477.35 | 662.03 | 816.10 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 21.41 | 55.37 | 2,851.47 | 498.09 | 692.07 | 852.60 | 0.00 | 0.00 | 0.00 |
| 9 5/8" Intermediate Casing | | | | | | | | | |
| 3,095.09 | 21.41 | 55.37 | 2,940.00 | 517.82 | 720.63 | 887.31 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 21.41 | 55.37 | 2,944.57 | 518.83 | 722.11 | 889.10 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 21.41 | 55.37 | 3,037.67 | 539.58 | 752.14 | 925.60 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 21.41 | 55.37 | 3,130.77 | 560.32 | 782.18 | 962.10 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 21.41 | 55.37 | 3,223.87 | 581.06 | 812.21 | 998.60 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 21.41 | 55.37 | 3,316.97 | 601.80 | 842.25 | 1,035.10 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 21.41 | 55.37 | 3,410.07 | 622.54 | 872.29 | 1,071.60 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 21.41 | 55.37 | 3,503.17 | 643.28 | 902.32 | 1,108.10 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 21.41 | 55.37 | 3,596.27 | 664.02 | 932.36 | 1,144.60 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 21.41 | 55.37 | 3,689.37 | 684.76 | 962.40 | 1,181.10 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 21.41 | 55.37 | 3,782.47 | 705.50 | 992.43 | 1,217.60 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 21.41 | 55.37 | 3,875.57 | 726.24 | 1,022.47 | 1,254.10 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 21.41 | 55.37 | 3,968.67 | 746.98 | 1,052.50 | 1,290.60 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 21.41 | 55.37 | 4,061.78 | 767.72 | 1,082.54 | 1,327.10 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 21.41 | 55.37 | 4,154.88 | 788.46 | 1,112.58 | 1,363.60 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 21.41 | 55.37 | 4,247.98 | 809.20 | 1,142.61 | 1,400.10 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 21.41 | 55.37 | 4,341.08 | 829.94 | 1,172.65 | 1,436.61 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 21.41 | 55.37 | 4,434.18 | 850.68 | 1,202.68 | 1,473.11 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 21.41 | 55.37 | 4,527.28 | 871.42 | 1,232.72 | 1,509.61 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 21.41 | 55.37 | 4,620.38 | 892.16 | 1,262.76 | 1,546.11 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 21.41 | 55.37 | 4,713.48 | 912.90 | 1,292.79 | 1,582.61 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 21.41 | 55.37 | 4,806.58 | 933.64 | 1,322.83 | 1,619.11 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 21.41 | 55.37 | 4,899.68 | 954.38 | 1,352.87 | 1,655.61 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 21.41 | 55.37 | 4,992.78 | 975.12 | 1,382.90 | 1,692.11 | 0.00 | 0.00 | 0.00 |
| G_SAND | | | | | | | | | |
| 5,361.46 | 21.41 | 55.37 | 5,050.00 | 987.87 | 1,401.36 | 1,714.54 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 21.41 | 55.37 | 5,085.88 | 995.86 | 1,412.94 | 1,728.61 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 21.41 | 55.37 | 5,178.98 | 1,016.60 | 1,442.97 | 1,765.11 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 21.41 | 55.37 | 5,272.08 | 1,037.34 | 1,473.01 | 1,801.61 | 0.00 | 0.00 | 0.00 |
| FRUN | | | | | | | | | |
| 5,640.73 | 21.41 | 55.37 | 5,310.00 | 1,045.79 | 1,485.25 | 1,816.48 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 21.41 | 55.37 | 5,365.18 | 1,058.08 | 1,503.05 | 1,838.11 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 21.41 | 55.37 | 5,458.28 | 1,078.82 | 1,533.08 | 1,874.61 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 21.41 | 55.37 | 5,551.38 | 1,099.56 | 1,563.12 | 1,911.11 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 21.41 | 55.37 | 5,644.48 | 1,120.30 | 1,593.16 | 1,947.61 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 21.41 | 55.37 | 5,737.58 | 1,141.04 | 1,623.19 | 1,984.11 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 21.41 | 55.37 | 5,830.68 | 1,161.78 | 1,653.23 | 2,020.61 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 21.41 | 55.37 | 5,923.78 | 1,182.52 | 1,683.26 | 2,057.11 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 21.41 | 55.37 | 6,016.88 | 1,203.26 | 1,713.30 | 2,093.61 | 0.00 | 0.00 | 0.00 |
| L_WSCH | | | | | | | | | |
| 6,489.28 | 21.41 | 55.37 | 6,100.00 | 1,221.78 | 1,740.12 | 2,126.20 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 21.41 | 55.37 | 6,109.98 | 1,224.00 | 1,743.34 | 2,130.11 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 21.41 | 55.37 | 6,203.08 | 1,244.74 | 1,773.37 | 2,166.61 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 21.41 | 55.37 | 6,296.18 | 1,265.48 | 1,803.41 | 2,203.11 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 21.41 | 55.37 | 6,389.28 | 1,286.22 | 1,833.45 | 2,239.61 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 21.41 | 55.37 | 6,482.38 | 1,306.96 | 1,863.48 | 2,276.12 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 21.41 | 55.37 | 6,575.48 | 1,327.70 | 1,893.52 | 2,312.62 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 21.41 | 55.37 | 6,668.58 | 1,348.44 | 1,923.55 | 2,349.12 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 21.41 | 55.37 | 6,761.68 | 1,369.18 | 1,953.59 | 2,385.62 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 21.41 | 55.37 | 6,854.79 | 1,389.92 | 1,983.63 | 2,422.12 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well RGU 42-6-297 - Slot RGU 42-6-297 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Project: | Rio Blanco County, CO | MD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Site: | RGU 23-6-297 Pad | North Reference: | True |
| Well: | RGU 42-6-297 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 7,400.00 | 21.41 | 55.37 | 6,947.89 | 1,410.66 | 2,013.66 | 2,458.62 | 0.00 | 0.00 | 0.00 |
| OCRK | | | | | | | | | |
| 7,468.87 | 21.41 | 55.37 | 7,012.00 | 1,424.94 | 2,034.35 | 2,483.75 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 21.41 | 55.37 | 7,040.99 | 1,431.40 | 2,043.70 | 2,495.12 | 0.00 | 0.00 | 0.00 |
| Start Drop -1.50 | | | | | | | | | |
| 7,603.95 | 21.41 | 55.37 | 7,137.76 | 1,452.96 | 2,074.92 | 2,533.06 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 19.97 | 55.37 | 7,227.62 | 1,472.24 | 2,102.84 | 2,566.99 | 1.50 | -1.50 | 0.00 |
| 7,800.00 | 18.47 | 55.37 | 7,322.04 | 1,490.94 | 2,129.93 | 2,599.90 | 1.50 | -1.50 | 0.00 |
| 7,900.00 | 16.97 | 55.37 | 7,417.30 | 1,508.23 | 2,154.97 | 2,630.34 | 1.50 | -1.50 | 0.00 |
| 8,000.00 | 15.47 | 55.37 | 7,513.32 | 1,524.10 | 2,177.95 | 2,658.26 | 1.50 | -1.50 | 0.00 |
| 8,100.00 | 13.97 | 55.37 | 7,610.03 | 1,538.54 | 2,198.86 | 2,683.67 | 1.50 | -1.50 | 0.00 |
| 8,200.00 | 12.47 | 55.37 | 7,707.38 | 1,551.53 | 2,217.67 | 2,706.53 | 1.50 | -1.50 | 0.00 |
| U_MVRD | | | | | | | | | |
| 8,225.20 | 12.09 | 55.37 | 7,732.00 | 1,554.57 | 2,222.08 | 2,711.89 | 1.50 | -1.50 | 0.00 |
| 8,300.00 | 10.97 | 55.37 | 7,805.29 | 1,563.07 | 2,234.38 | 2,726.84 | 1.50 | -1.50 | 0.00 |
| 8,400.00 | 9.47 | 55.37 | 7,903.70 | 1,573.15 | 2,248.98 | 2,744.58 | 1.50 | -1.50 | 0.00 |
| 8,500.00 | 7.97 | 55.37 | 8,002.55 | 1,581.76 | 2,261.45 | 2,759.73 | 1.50 | -1.50 | 0.00 |
| 8,600.00 | 6.47 | 55.37 | 8,101.75 | 1,588.90 | 2,271.79 | 2,772.29 | 1.50 | -1.50 | 0.00 |
| 8,700.00 | 4.97 | 55.37 | 8,201.25 | 1,594.56 | 2,279.99 | 2,782.26 | 1.50 | -1.50 | 0.00 |
| 8,800.00 | 3.47 | 55.37 | 8,300.98 | 1,598.74 | 2,286.04 | 2,789.61 | 1.50 | -1.50 | 0.00 |
| 8,900.00 | 1.97 | 55.37 | 8,400.86 | 1,601.43 | 2,289.94 | 2,794.35 | 1.50 | -1.50 | 0.00 |
| 9,000.00 | 0.47 | 55.37 | 8,500.84 | 1,602.64 | 2,291.69 | 2,796.48 | 1.50 | -1.50 | 0.00 |
| Start 3780.00 hold at 9031.16 MD - TOP GAS | | | | | | | | | |
| 9,031.16 | 0.00 | 0.00 | 8,532.00 | 1,602.71 | 2,291.79 | 2,796.60 | 1.50 | -1.50 | 0.00 |
| 9,100.00 | 0.00 | 0.00 | 8,600.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 0.00 | 0.00 | 8,700.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 0.00 | 0.00 | 8,800.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 0.00 | 0.00 | 8,900.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 0.00 | 0.00 | 9,000.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 0.00 | 0.00 | 9,100.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 0.00 | 0.00 | 9,200.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 0.00 | 0.00 | 9,300.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 0.00 | 0.00 | 9,400.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 0.00 | 0.00 | 9,500.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 0.00 | 0.00 | 9,600.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 0.00 | 0.00 | 9,700.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 0.00 | 0.00 | 9,800.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 0.00 | 0.00 | 9,900.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 0.00 | 0.00 | 10,000.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 0.00 | 0.00 | 10,100.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| CMEO | | | | | | | | | |
| 10,601.16 | 0.00 | 0.00 | 10,102.00 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 0.00 | 0.00 | 10,200.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 0.00 | 0.00 | 10,300.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 0.00 | 0.00 | 10,400.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 0.00 | 0.00 | 10,500.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 0.00 | 0.00 | 10,600.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 0.00 | 0.00 | 10,700.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 0.00 | 0.00 | 10,800.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| RLNS | | | | | | | | | |
| 11,331.16 | 0.00 | 0.00 | 10,832.00 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 0.00 | 0.00 | 10,900.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 |
| CZZT | | | | | | | | | |

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well RGU 42-6-297 - Slot RGU 42-6-297 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Project: | Rio Blanco County, CO | MD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Site: | RGU 23-6-297 Pad | North Reference: | True |
| Well: | RGU 42-6-297 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Planned Survey | | | | | | | | | | |
|----------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 11,481.16 | 0.00 | 0.00 | 10,982.00 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 11,500.00 | 0.00 | 0.00 | 11,000.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 11,600.00 | 0.00 | 0.00 | 11,100.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 11,700.00 | 0.00 | 0.00 | 11,200.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 11,800.00 | 0.00 | 0.00 | 11,300.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| CRCN | | | | | | | | | | |
| 11,806.16 | 0.00 | 0.00 | 11,307.00 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 11,900.00 | 0.00 | 0.00 | 11,400.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,000.00 | 0.00 | 0.00 | 11,500.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| SEGO | | | | | | | | | | |
| 12,066.16 | 0.00 | 0.00 | 11,567.00 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,100.00 | 0.00 | 0.00 | 11,600.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,200.00 | 0.00 | 0.00 | 11,700.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,300.00 | 0.00 | 0.00 | 11,800.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| SEGO_LOWER | | | | | | | | | | |
| 12,311.16 | 0.00 | 0.00 | 11,812.00 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,400.00 | 0.00 | 0.00 | 11,900.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,500.00 | 0.00 | 0.00 | 12,000.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,600.00 | 0.00 | 0.00 | 12,100.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,700.00 | 0.00 | 0.00 | 12,200.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| 12,800.00 | 0.00 | 0.00 | 12,300.84 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |
| TD at 12811.16 - TD | | | | | | | | | | |
| 12,811.16 | 0.00 | 0.00 | 12,312.00 | 1,602.71 | 2,291.79 | 2,796.60 | 0.00 | 0.00 | 0.00 | |

| Design Targets | | | | | | | | | |
|--|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| RGU 42-6-297 - VP - hit/miss target - Shape | 0.00 | 0.00 | 8,532.00 | 1,602.71 | 2,291.79 | 1,768,367.43 | 2,209,785.28 | 39.909345 | -108.317184 |
| RGU 42-6-297 - PBHL - plan hits target center - Circle (radius 100.00) | | | | | | | | | |
| RGU 42-6-297 - PBHL - plan hits target center - Point | 0.00 | 0.00 | 12,312.00 | 1,602.71 | 2,291.79 | 1,768,367.43 | 2,209,785.28 | 39.909345 | -108.317184 |

| Casing Points | | | | | |
|-----------------------|-----------------------|----------------------------|---------------------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 1,269.10 | 1,240.00 | 13 3/8" Surface Casing | 13-3/8 | 17-1/2 | |
| 3,095.09 | 2,940.00 | 9 5/8" Intermediate Casing | 9-5/8 | 12-1/4 | |

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well RGU 42-6-297 - Slot RGU 42-6-297 |
| Company: | Terra Energy Partners, LLP | TVD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Project: | Rio Blanco County, CO | MD Reference: | KB=30' @ 6252.00usft (H&P #329) |
| Site: | RGU 23-6-297 Pad | North Reference: | True |
| Well: | RGU 42-6-297 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 1 | | |

| Formations | | | | | | |
|-----------------------|-----------------------|-----------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 30.00 | 30.00 | UINTA | | | | |
| 652.94 | 650.00 | GRRV | | | | |
| 806.25 | 800.00 | GRRV_A_GROOVE | | | | |
| 1,013.79 | 1,000.00 | GRRV_B_GROOVE | | | | |
| 1,333.55 | 1,300.00 | GRRV DISSOLUTION_SURF | | | | |
| 2,300.25 | 2,200.00 | GARDEN_GULCH | | | | |
| 2,472.11 | 2,360.00 | GRRV_ORANGE | | | | |
| 2,558.04 | 2,440.00 | U_WSCH | | | | |
| 5,361.46 | 5,050.00 | G_SAND | | | | |
| 5,640.73 | 5,310.00 | FRUN | | | | |
| 6,489.28 | 6,100.00 | L_WSCH | | | | |
| 7,468.87 | 7,012.00 | OCRK | | | | |
| 8,225.20 | 7,732.00 | U_MVRD | | | | |
| 9,031.16 | 8,532.00 | TOP GAS | | | | |
| 10,601.16 | 10,102.00 | CMEO | | | | |
| 11,331.16 | 10,832.00 | RLNS | | | | |
| 11,481.16 | 10,982.00 | CZZT | | | | |
| 11,806.16 | 11,307.00 | CRCN | | | | |
| 12,066.16 | 11,567.00 | SEGO | | | | |
| 12,311.16 | 11,812.00 | SEGO_LOWER | | | | |
| 12,811.16 | 12,312.00 | TD | | | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment | |
| | | +N/-S (usft) | +E/-W (usft) | | |
| 120.00 | 120.00 | 0.00 | 0.00 | Start Build 2.00 | |
| 370.00 | 369.68 | 8.93 | 6.25 | Start DLS 2.00 TFO 26.07 | |
| 1,210.36 | 1,185.31 | 126.92 | 154.53 | Start 6393.59 hold at 1210.36 MD | |
| 7,603.95 | 7,137.76 | 1,452.96 | 2,074.92 | Start Drop -1.50 | |
| 9,031.16 | 8,532.00 | 1,602.71 | 2,291.79 | Start 3780.00 hold at 9031.16 MD | |
| 12,811.16 | 12,312.00 | 1,602.71 | 2,291.79 | TD at 12811.16 | |