

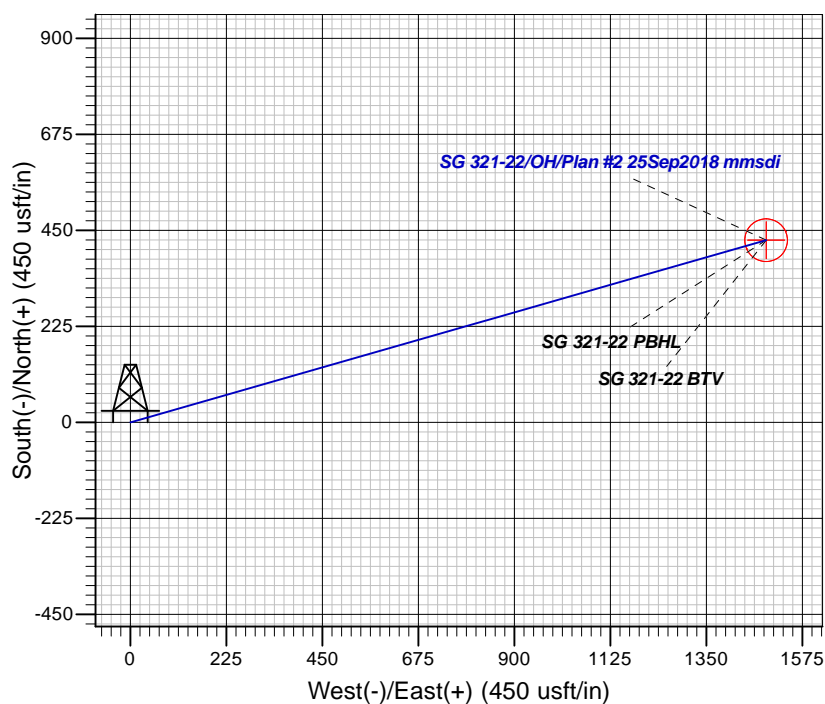
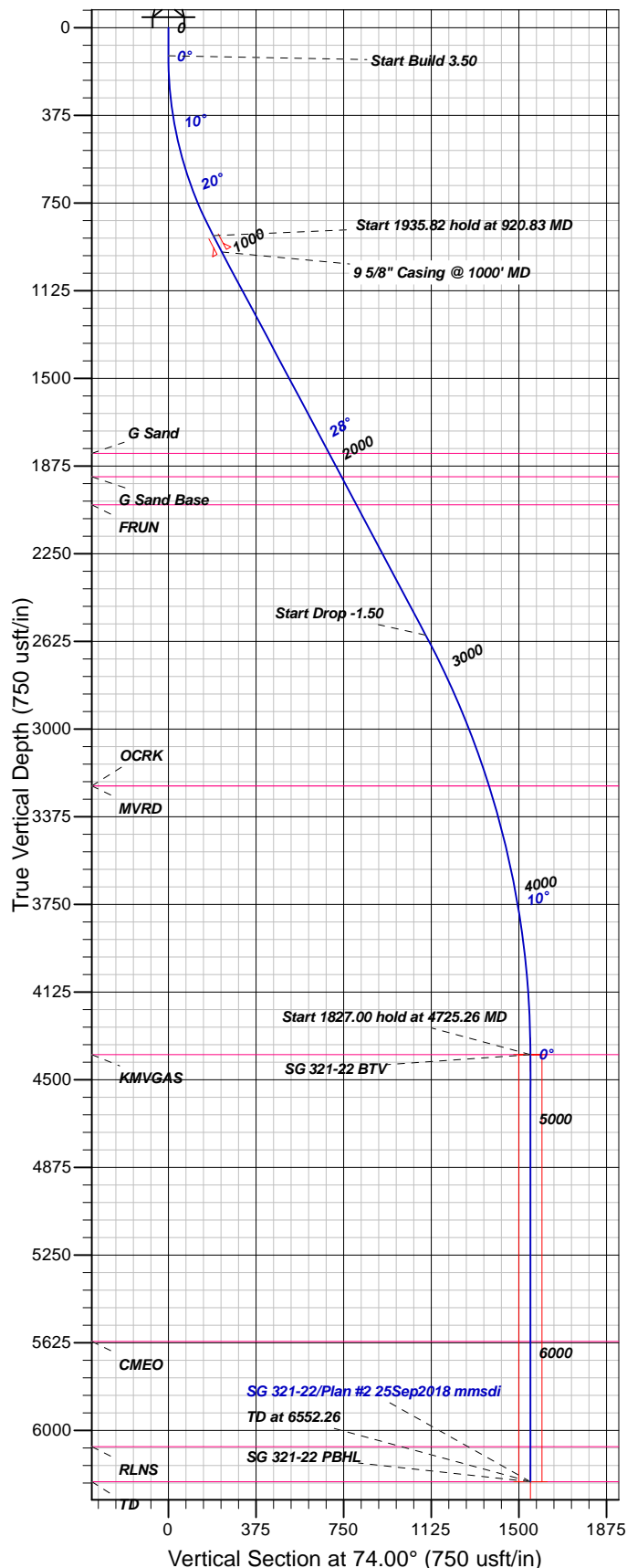


Azimuths to True North
Magnetic North: 9.48°

Magnetic Field
Strength: 51724.5snT
Dip Angle: 65.63°
Date: 3/9/2018
Model: HDGM

Well Details: SG 321-22

GL 6092.4' & RKB 24' @ 6116.40usft
+N/-S 0.00 +E/-W 0.00 Northing 1591230.60 Easting 2264554.00 Latitude 39.4277556 Longitude -108.1039440 Slot SG 321-22 (B4)



FORMATION TOP DETAILS

| TVDPth | MDPath | Formation |
|---------|---------|-------------|
| 1821.00 | 1976.37 | G Sand |
| 1921.00 | 2089.65 | G Sand Base |
| 2041.00 | 2225.60 | FRUN |
| 3243.00 | 3557.14 | MVRD |
| 3243.00 | 3557.14 | OCRK |
| 4393.00 | 4725.26 | KMVGAS |
| 5620.00 | 5952.26 | CMEO |
| 6070.00 | 6402.26 | RLNS |
| 6220.00 | 6552.26 | TD |

Plan: Plan #2 25Sep2018 mmsdi

9:33, September 27 2018
Created By: Mel Mireles

PROJECT DETAILS: Garfield County, CO NAD83

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

System Datum: Mean Sea Level

CASING DETAILS

| TVD | MD | Name | Size |
|--------|---------|------------------------|------|
| 959.15 | 1000.00 | 5/8" Casing @ 1000' MD | 9.62 |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VFace | Target |
|-----|---------|-------|-------|---------|--------|---------|------|--------|---------|----------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 120.00 | 0.00 | 0.00 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 920.83 | 28.03 | 74.00 | 889.27 | 52.91 | 184.57 | 3.50 | 74.00 | 192.01 | |
| 4 | 2856.66 | 28.03 | 74.00 | 2598.04 | 303.60 | 1059.03 | 0.00 | 0.00 | 1101.69 | |
| 5 | 4725.26 | 0.00 | 0.00 | 4393.00 | 427.06 | 1489.70 | 1.50 | 180.00 | 549.71 | SG 321-22 BTM |
| 6 | 6552.26 | 0.00 | 0.00 | 6220.00 | 427.06 | 1489.70 | 0.00 | 0.00 | 549.71 | SG 321-22 PBHL |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|---------------------------|---------|--------|---------|------------|------------|------------|--------------|------------------------|
| SG 321-22 BTM | 4393.00 | 427.06 | 1489.70 | 1591614.79 | 2266055.33 | 39.4289280 | -108.0986702 | Circle (Radius: 50.00) |
| - plan hits target center | | | | | | | | |
| SG 321-22 PBHL | 6220.00 | 427.06 | 1489.70 | 1591614.79 | 2266055.33 | 39.4289280 | -108.0986702 | Point |
| - plan hits target center | | | | | | | | |



TEP Rocky Mountain LLC

Garfield County, CO NAD83

SG 11-22 Pad

SG 321-22 - Slot SG 321-22 (B4)

OH

Plan: Plan #2 25Sep2018 mmsdi

Standard Planning Report

27 September, 2018



| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well SG 321-22 - Slot SG 321-22 (B4) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Site: | SG 11-22 Pad | North Reference: | True |
| Well: | SG 321-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 25Sep2018 mmsdi | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Garfield County, CO NAD83 | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | | |
|------------------------------|--------------|---------------------|-------------------|----------------------------------|
| Site | SG 11-22 Pad | | | |
| Site Position: | | Northing: | 1,591,239.00 usft | Latitude: 39.4277783 |
| From: Map | | Easting: | 2,264,548.70 usft | Longitude: -108.1039637 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13.20 in | Grid Convergence: -1.64 ° |

| | | | | |
|-----------------------------|---------------------------------|------------|----------------------------|-------------------|
| Well | SG 321-22 - Slot SG 321-22 (B4) | | | |
| Well Position | +N/-S | -8.24 usft | Northing: | 1,591,230.60 usft |
| | +E/-W | 5.54 usft | Easting: | 2,264,554.00 usft |
| Position Uncertainty | 0.00 usft | | Wellhead Elevation: | 0.00 usft |
| | | | Ground Level: | 6,092.40 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 3/9/2018 | 9.48 | 65.63 | 51,725 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan #2 25Sep2018 mmsdi | | | |
| 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 | 74.00 |

| 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 | |
| 920.83 | 28.03 | 74.00 | 889.27 | 52.91 | 184.57 | 3.50 | 3.50 | 0.00 | 74.00 | |
| 2,856.66 | 28.03 | 74.00 | 2,598.04 | 303.60 | 1,059.03 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4,725.26 | 0.00 | 0.00 | 4,393.00 | 427.06 | 1,489.70 | 1.50 | -1.50 | 0.00 | 180.00 | SG 321-22 BTV |
| 6,552.26 | 0.00 | 0.00 | 6,220.00 | 427.06 | 1,489.70 | 0.00 | 0.00 | 0.00 | 0.00 | SG 321-22 PBHL |

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well SG 321-22 - Slot SG 321-22 (B4) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Site: | SG 11-22 Pad | North Reference: | True |
| Well: | SG 321-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 25Sep2018 mmsdi | | |

| 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 |
| 100.00 | 0.00 | 0.00 | 100.00 | 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 |
| Start Build 3.50 | | | | | | | | | |
| 200.00 | 2.80 | 74.00 | 199.97 | 0.54 | 1.88 | 1.95 | 3.50 | 3.50 | 0.00 |
| 300.00 | 6.30 | 74.00 | 299.64 | 2.72 | 9.50 | 9.89 | 3.50 | 3.50 | 0.00 |
| 400.00 | 9.80 | 74.00 | 398.64 | 6.58 | 22.96 | 23.89 | 3.50 | 3.50 | 0.00 |
| 500.00 | 13.30 | 74.00 | 496.60 | 12.10 | 42.21 | 43.91 | 3.50 | 3.50 | 0.00 |
| 600.00 | 16.80 | 74.00 | 593.15 | 19.25 | 67.16 | 69.87 | 3.50 | 3.50 | 0.00 |
| 700.00 | 20.30 | 74.00 | 687.94 | 28.02 | 97.74 | 101.68 | 3.50 | 3.50 | 0.00 |
| 800.00 | 23.80 | 74.00 | 780.61 | 38.36 | 133.82 | 139.21 | 3.50 | 3.50 | 0.00 |
| 900.00 | 27.30 | 74.00 | 870.82 | 50.25 | 175.28 | 182.34 | 3.50 | 3.50 | 0.00 |
| 920.83 | 28.03 | 74.00 | 889.27 | 52.91 | 184.57 | 192.01 | 3.50 | 3.50 | 0.00 |
| Start 1935.82 hold at 920.83 MD | | | | | | | | | |
| 1,000.00 | 28.03 | 74.00 | 959.15 | 63.16 | 220.34 | 229.21 | 0.00 | 0.00 | 0.00 |
| 9 5/8" Casing @ 1000' MD | | | | | | | | | |
| 1,100.00 | 28.03 | 74.00 | 1,047.42 | 76.11 | 265.51 | 276.20 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 28.03 | 74.00 | 1,135.69 | 89.06 | 310.68 | 323.19 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 28.03 | 74.00 | 1,223.97 | 102.01 | 355.85 | 370.19 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 28.03 | 74.00 | 1,312.24 | 114.96 | 401.03 | 417.18 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 28.03 | 74.00 | 1,400.51 | 127.91 | 446.20 | 464.17 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 28.03 | 74.00 | 1,488.78 | 140.86 | 491.37 | 511.16 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 28.03 | 74.00 | 1,577.05 | 153.81 | 536.54 | 558.15 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 28.03 | 74.00 | 1,665.32 | 166.76 | 581.72 | 605.15 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 28.03 | 74.00 | 1,753.59 | 179.71 | 626.89 | 652.14 | 0.00 | 0.00 | 0.00 |
| 1,976.37 | 28.03 | 74.00 | 1,821.00 | 189.60 | 661.38 | 688.02 | 0.00 | 0.00 | 0.00 |
| G Sand | | | | | | | | | |
| 2,000.00 | 28.03 | 74.00 | 1,841.86 | 192.66 | 672.06 | 699.13 | 0.00 | 0.00 | 0.00 |
| 2,089.65 | 28.03 | 74.00 | 1,921.00 | 204.27 | 712.56 | 741.26 | 0.00 | 0.00 | 0.00 |
| G Sand Base | | | | | | | | | |
| 2,100.00 | 28.03 | 74.00 | 1,930.13 | 205.61 | 717.23 | 746.12 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 28.03 | 74.00 | 2,018.40 | 218.56 | 762.40 | 793.11 | 0.00 | 0.00 | 0.00 |
| 2,225.60 | 28.03 | 74.00 | 2,041.00 | 221.88 | 773.97 | 805.14 | 0.00 | 0.00 | 0.00 |
| FRUN | | | | | | | | | |
| 2,300.00 | 28.03 | 74.00 | 2,106.67 | 231.51 | 807.58 | 840.11 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 28.03 | 74.00 | 2,194.95 | 244.46 | 852.75 | 887.10 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 28.03 | 74.00 | 2,283.22 | 257.41 | 897.92 | 934.09 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 28.03 | 74.00 | 2,371.49 | 270.36 | 943.09 | 981.08 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 28.03 | 74.00 | 2,459.76 | 283.31 | 988.27 | 1,028.07 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 28.03 | 74.00 | 2,548.03 | 296.26 | 1,033.44 | 1,075.07 | 0.00 | 0.00 | 0.00 |
| 2,856.66 | 28.03 | 74.00 | 2,598.04 | 303.60 | 1,059.03 | 1,101.69 | 0.00 | 0.00 | 0.00 |
| Start Drop -1.50 | | | | | | | | | |
| 2,900.00 | 27.38 | 74.00 | 2,636.41 | 309.15 | 1,078.40 | 1,121.84 | 1.50 | -1.50 | 0.00 |
| 3,000.00 | 25.88 | 74.00 | 2,725.80 | 321.50 | 1,121.49 | 1,166.66 | 1.50 | -1.50 | 0.00 |
| 3,100.00 | 24.38 | 74.00 | 2,816.34 | 333.20 | 1,162.31 | 1,209.12 | 1.50 | -1.50 | 0.00 |
| 3,200.00 | 22.88 | 74.00 | 2,907.95 | 344.25 | 1,200.84 | 1,249.20 | 1.50 | -1.50 | 0.00 |
| 3,300.00 | 21.38 | 74.00 | 3,000.58 | 354.63 | 1,237.05 | 1,286.87 | 1.50 | -1.50 | 0.00 |
| 3,400.00 | 19.88 | 74.00 | 3,094.17 | 364.34 | 1,270.91 | 1,322.10 | 1.50 | -1.50 | 0.00 |
| 3,500.00 | 18.38 | 74.00 | 3,188.64 | 373.37 | 1,302.41 | 1,354.87 | 1.50 | -1.50 | 0.00 |
| 3,557.14 | 17.52 | 74.00 | 3,243.00 | 378.22 | 1,319.34 | 1,372.48 | 1.50 | -1.50 | 0.00 |
| OCRK - MVRD | | | | | | | | | |
| 3,600.00 | 16.88 | 74.00 | 3,283.94 | 381.71 | 1,331.52 | 1,385.16 | 1.50 | -1.50 | 0.00 |
| 3,700.00 | 15.38 | 74.00 | 3,380.01 | 389.37 | 1,358.23 | 1,412.94 | 1.50 | -1.50 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well SG 321-22 - Slot SG 321-22 (B4) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Site: | SG 11-22 Pad | North Reference: | True |
| Well: | SG 321-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 25Sep2018 mmsdi | | |

| 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) |
| 3,800.00 | 13.88 | 74.00 | 3,476.76 | 396.33 | 1,382.50 | 1,438.19 | 1.50 | -1.50 | 0.00 |
| 3,900.00 | 12.38 | 74.00 | 3,574.14 | 402.59 | 1,404.34 | 1,460.90 | 1.50 | -1.50 | 0.00 |
| 4,000.00 | 10.88 | 74.00 | 3,672.09 | 408.14 | 1,423.71 | 1,481.06 | 1.50 | -1.50 | 0.00 |
| 4,100.00 | 9.38 | 74.00 | 3,770.53 | 412.99 | 1,440.62 | 1,498.65 | 1.50 | -1.50 | 0.00 |
| 4,200.00 | 7.88 | 74.00 | 3,869.39 | 417.12 | 1,455.04 | 1,513.65 | 1.50 | -1.50 | 0.00 |
| 4,300.00 | 6.38 | 74.00 | 3,968.62 | 420.54 | 1,466.97 | 1,526.06 | 1.50 | -1.50 | 0.00 |
| 4,400.00 | 4.88 | 74.00 | 4,068.13 | 423.25 | 1,476.40 | 1,535.87 | 1.50 | -1.50 | 0.00 |
| 4,500.00 | 3.38 | 74.00 | 4,167.87 | 425.23 | 1,483.32 | 1,543.07 | 1.50 | -1.50 | 0.00 |
| 4,600.00 | 1.88 | 74.00 | 4,267.76 | 426.49 | 1,487.73 | 1,547.65 | 1.50 | -1.50 | 0.00 |
| 4,700.00 | 0.38 | 74.00 | 4,367.74 | 427.04 | 1,489.62 | 1,549.62 | 1.50 | -1.50 | 0.00 |
| 4,725.26 | 0.00 | 0.00 | 4,393.00 | 427.06 | 1,489.70 | 1,549.71 | 1.50 | -1.50 | -292.96 |
| Start 1827.00 hold at 4725.26 MD - KMGAS - SG 321-22 BTV | | | | | | | | | |
| 4,800.00 | 0.00 | 0.00 | 4,467.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 0.00 | 0.00 | 4,567.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 0.00 | 0.00 | 4,667.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 0.00 | 0.00 | 4,767.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 0.00 | 0.00 | 4,867.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 0.00 | 0.00 | 4,967.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 0.00 | 0.00 | 5,067.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 0.00 | 0.00 | 5,167.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 0.00 | 0.00 | 5,267.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 0.00 | 0.00 | 5,367.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 0.00 | 0.00 | 5,467.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 0.00 | 0.00 | 5,567.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 5,952.26 | 0.00 | 0.00 | 5,620.00 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| CMEO | | | | | | | | | |
| 6,000.00 | 0.00 | 0.00 | 5,667.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 5,767.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 5,867.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 5,967.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,067.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 6,402.26 | 0.00 | 0.00 | 6,070.00 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| RLNS | | | | | | | | | |
| 6,500.00 | 0.00 | 0.00 | 6,167.74 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| 6,552.26 | 0.00 | 0.00 | 6,220.00 | 427.06 | 1,489.70 | 1,549.71 | 0.00 | 0.00 | 0.00 |
| TD at 6552.26 - TD - SG 321-22 PBHL | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------|--------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| SG 321-22 BTV | 0.00 | 0.00 | 4,393.00 | 427.06 | 1,489.70 | 1,591,614.79 | 2,266,055.33 | 39.4289280 | -108.0986702 |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 50.00) | | | | | | | | | |
| SG 321-22 PBHL | 0.00 | 0.00 | 6,220.00 | 427.06 | 1,489.70 | 1,591,614.79 | 2,266,055.33 | 39.4289280 | -108.0986702 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well SG 321-22 - Slot SG 321-22 (B4) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6092.4' & RKB 24' @ 6116.40usft |
| Site: | SG 11-22 Pad | North Reference: | True |
| Well: | SG 321-22 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 25Sep2018 mmsdi | | |

| Casing Points | | | | |
|-----------------------|-----------------------|--------------------------|----------------------|--------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (in) | Hole Diameter (in) |
| 1,000.00 | 959.15 | 9 5/8" Casing @ 1000' MD | 9.62 | 13.50 |

| Formations | | | | | |
|-----------------------|-----------------------|-------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 1,976.37 | 1,821.00 | G Sand | | 0.00 | 0.00 |
| 2,089.65 | 1,921.00 | G Sand Base | | 0.00 | 0.00 |
| 2,225.60 | 2,041.00 | FRUN | | 0.00 | 0.00 |
| 3,557.14 | 3,243.00 | OCRK | | 0.00 | 0.00 |
| 3,557.14 | 3,243.00 | MVRD | | 0.00 | 0.00 |
| 4,725.26 | 4,393.00 | KMVGAS | | 0.00 | 0.00 |
| 5,952.26 | 5,620.00 | CMEO | | 0.00 | 0.00 |
| 6,402.26 | 6,070.00 | RLNS | | 0.00 | 0.00 |
| 6,552.26 | 6,220.00 | TD | | 0.00 | 0.00 |

| 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 3.50 |
| 920.83 | 889.27 | 52.91 | 184.57 | Start 1935.82 hold at 920.83 MD |
| 2,856.66 | 2,598.04 | 303.60 | 1,059.03 | Start Drop -1.50 |
| 4,725.26 | 4,393.00 | 427.06 | 1,489.70 | Start 1827.00 hold at 4725.26 MD |
| 6,552.26 | 6,220.00 | 427.06 | 1,489.70 | TD at 6552.26 |