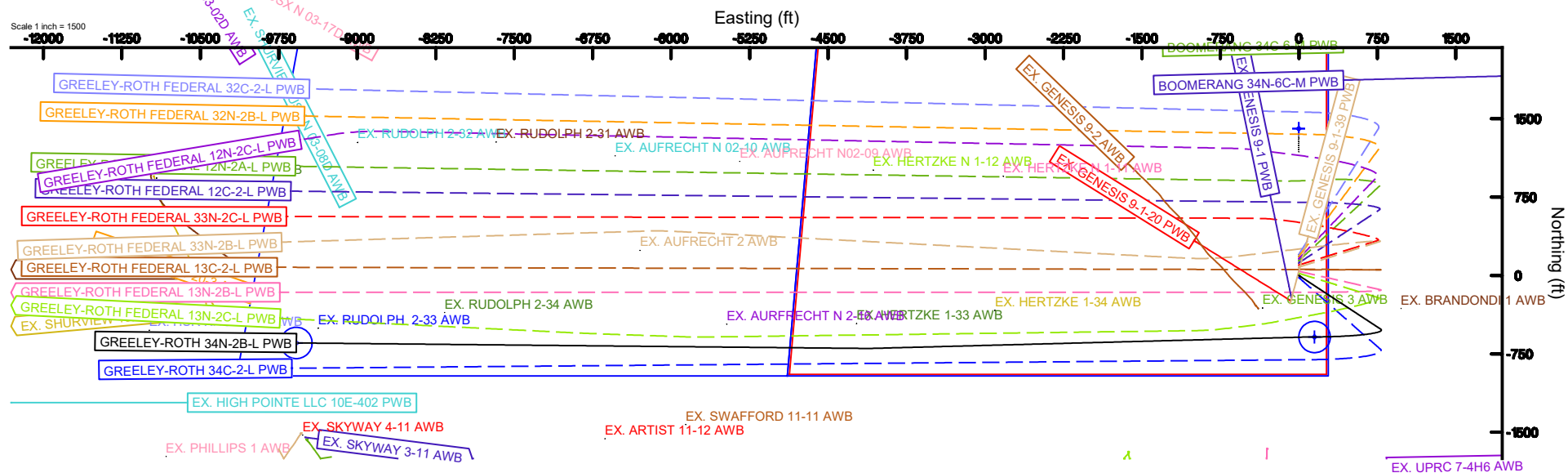
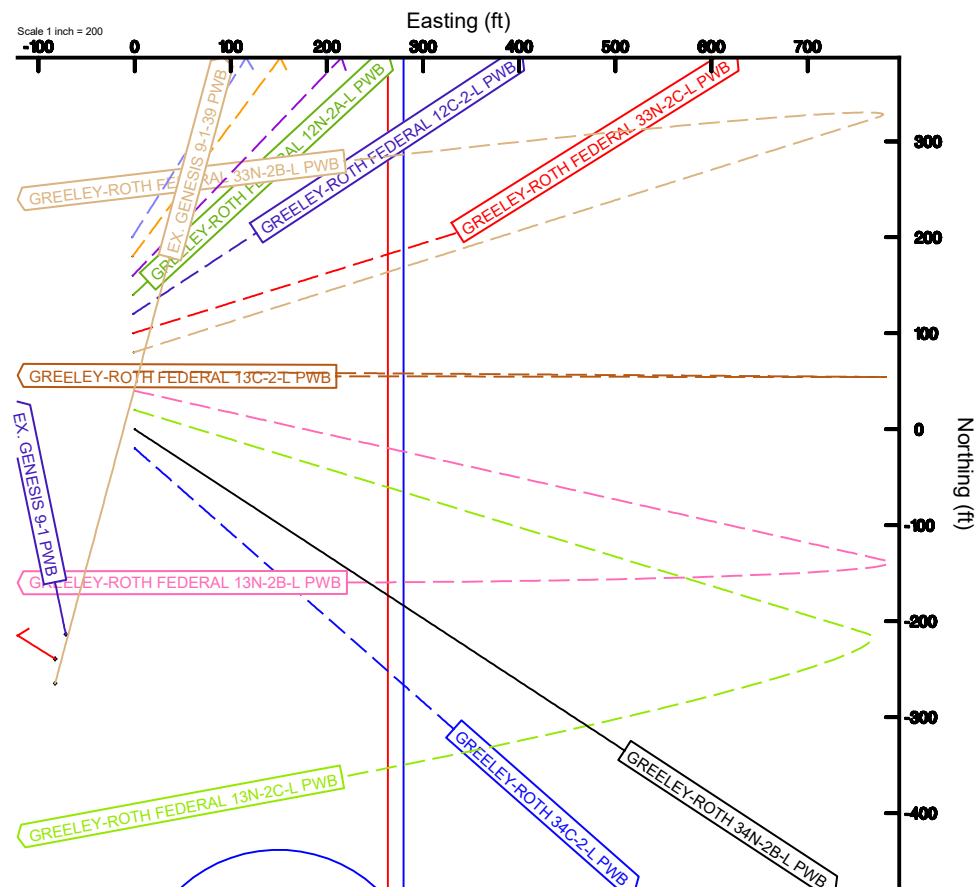


| | | | |
|-----------|--------------------------------|-----------|---|
| Location: | COLORADO | Slot: | SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) |
| Field: | WELD COUNTY (NAD83,TRUE NORTH) | Well: | GREELEY-ROTH 34N-2B-L |
| Facility: | SEC.01-T05N-R67W | Wellbore: | GREELEY-ROTH 34N-2B-L PWB |





Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| REPORT SETUP INFORMATION | | | |
|--------------------------|---|----------------------|---|
| Projection System | NAD83 / Lambert Colorado SP, Northern Zone (501), US feet | Software System | WellArchitect® 5.0 |
| North Reference | True | User | Doddanna |
| Scale | 0.999961 | Report Generated | 11/28/2017 at 9:51:58 AM |
| Convergence at slot | 0.43° East | Database/Source file | WellArchitectDB/GREELEY-ROTH_34C-2-L_PWP_REV-A.1_CR.xml |

| | Local coordinates | | Grid coordinates | | Geographic coordinates | |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|-----------------|
| | North[ft] | East[ft] | Easting[US ft] | Northing[US ft] | Latitude | Longitude |
| Slot Location | -1424.87 | 2.55 | 3185558.76 | 1398052.60 | 40°25'26.911"N | 104°50'00.607"W |
| Facility Reference Pt | | | 3185545.50 | 1399477.36 | 40°25'40.991"N | 104°50'00.640"W |
| Field Reference Pt | | | 3171284.48 | 1426358.81 | 40°30'07.643"N | 104°53'02.634"W |

| WELLPATH DATUM | | | |
|--------------------------|---------------------------|--|-----------|
| Calculation method | Minimum Curvature | PRECISION 462 (20') (RKB) to Facility Vertical Datum | 4893.00ft |
| Horizontal Reference Pt | Slot | PRECISION 462 (20') (RKB) to Mean Sea Level | 4893.00ft |
| Vertical Reference Pt | PRECISION 462 (20') (RKB) | PRECISION 462 (20') (RKB) to Mud Line at Slot (SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01)) | 4893.00ft |
| MD Reference Pt | PRECISION 462 (20') (RKB) | | |
| Field Vertical Reference | Mean Sea Level | | |

| POSITIONAL UNCERTAINTY CALCULATION SETTINGS | | | | | |
|---|------------------|------------------|---------|------------------------------|----------|
| Ellipse Confidence Limit | 3.00 Std Dev | Ellipse Start MD | 20.00ft | Surface Position Uncertainty | Included |
| Declination | 8.39° East of TN | Dip Angle | 66.87° | Mag Field Strength | 52416 nT |
| Slot Surface Uncertainty @1SD | | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | | Horizontal | 8.200ft | Vertical | 3.000ft |
| Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes | | | | | |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | |
|-----------------------------------|--------------------------------|----------|
| Operator | SRC ENERGY | Slot |
| Area | COLORADO | Well |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore |
| Facility | SEC.01-T05N-R67W | |

| ANTI-COLLISION RULE | | | |
|----------------------------|---|----------------------|-------|
| Rule Name | Baker Hughes Stop Drilling (offset is HSE risk) | Rule Based On | Ratio |
| Plane of Rule | Closest Approach | Threshold Value | 1.00 |
| Include Casing & Hole Size | yes | Apply Cone of Safety | no |

| HOLE & CASING SECTIONS - Ref Wellbore: GREELEY-ROTH 34C-2-L PWB Ref Wellpath: GREELEY-ROTH 34C-2-L PWP (REV-A.1) | | | | | | | | | |
|--|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 20.00 | 1738.52 | 0.00 | 0.00 | -91.04 | 103.26 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 20.00 | 1738.52 | 0.00 | 0.00 | -91.04 | 103.26 |
| 8.5in Open Hole | 1750.00 | 17388.56 | 15638.56 | 1738.52 | 7164.00 | -91.04 | 103.26 | -867.31 | -9625.94 |

| SURVEY PROGRAM - Ref Wellbore: GREELEY-ROTH 34C-2-L PWB Ref Wellpath: GREELEY-ROTH 34C-2-L PWP (REV-A.1) | | | | |
|--|----------------|---|------------------|--------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 20.00 | 1750.00 | Custom BHI NaviTrak (IFR1, Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH 34C-2-L PWB |
| 1750.00 | 17388.56 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH 34C-2-L PWB |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CALCULATION RANGE & CUTOFF

| | | |
|------------------|-------------------|------------------------|
| From: 20.00ft MD | To: 17388.56ft MD | C-C Cutoff: 1000.00 ft |
|------------------|-------------------|------------------------|

OFFSET WELL CLEARANCE SUMMARY (60 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

| Offset Facility | Offset Slot | Offset Well | Offset Wellbore | Offset Wellpath | C-C Clearance Distance | | | ACR Separation Ratio | | | |
|------------------|--|-------------------------------|-----------------------------------|---|------------------------|-------------------------|------------------------|--------------------------|-----------|--------------------------|------------|
| | | | | | Ref MD [ft] | Min C-C Clear Dist [ft] | Diverging from MD [ft] | Ref MD of Min Ratio [ft] | Min Ratio | Min Ratio Dvrg from [ft] | ACR Status |
| SEC.01-T05N-R67W | SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) | GREELEY-ROTH 34N-2B-L | GREELEY-ROTH 34N-2B-L PWB | GREELEY-ROTH 34N-2B-L PWP (REV-B.1) | 920.00 | 18.96 | 11820.00 | 17348.05 | 0.46 | 17348.05 | FAIL |
| SEC.02-T05N-R67W | SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) | EX. RUDOLPH 2-33 | EX. RUDOLPH 2-33 AWB | EX. RUDOLPH 2-33 AWP | 17133.55 | 381.72 | 17133.55 | 17138.95 | 0.48 | 17138.95 | FAIL |
| SEC.01-T05N-R67W | SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 13N-2C-L | GREELEY-ROTH FEDERAL 13N-2C-L PWB | GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0) | 805.10 | 39.33 | 13420.00 | 14589.78 | 0.52 | 14589.78 | FAIL |
| SEC.02-T05N-R67W | SLOT#06 EX. AUFRECHT N 2-16 (660'FSL & 660'FEL, CODL/PR) | EX. AUFRECHT N 2-16 | EX. AUFRECHT N 2-16 AWB | EX. AUFRECHT N 2-16 AWP | 13228.91 | 387.07 | 13228.91 | 13236.14 | 0.63 | 13236.14 | FAIL |
| SEC.01-T05N-R67W | SLOT#25 EX. HERTZKE 1-33 (660'FSL & 641'FWL, CODL/SI) | EX. HERTZKE 1-33 | EX. HERTZKE 1-33 AWB | EX. HERTZKE 1-33 AWP | 11988.49 | 380.75 | 11988.49 | 11996.61 | 0.69 | 11996.61 | FAIL |
| SEC.02-T05N-R67W | SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) | EX. RUDOLPH 2-34 | EX. RUDOLPH 2-34 AWB | EX. RUDOLPH 2-34 AWP | 15923.13 | 520.49 | 15923.13 | 15934.90 | 0.71 | 15934.90 | FAIL |
| SEC.11-T05N-R67W | SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) | EX. SKYWAY 4-11 | EX. SKYWAY 4-11 AWB | EX. SKYWAY 4-11 AWP | 17291.02 | 640.66 | 17291.02 | 17306.02 | 0.80 | 17306.02 | FAIL |
| SEC.01-T05N-R67W | SLOT#21 GREELEY-ROTH FEDERAL 13N-2B-L (1003'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 13N-2B-L | GREELEY-ROTH FEDERAL 13N-2B-L PWB | GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0) | 794.38 | 59.15 | 794.38 | 17388.56 | 0.83 | 17388.56 | FAIL |
| SEC.11-T05N-R67W | SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) | EX. SWAFFORD 11-11 | EX. SWAFFORD 11-11 AWB | EX. SWAFFORD 11-11 AWP | 13627.50 | 569.50 | 13627.50 | 13643.99 | 0.90 | 13643.99 | FAIL |
| SEC.01-T05N-R67W | SLOT#20 GREELEY-ROTH FEDERAL 13C-2-L (1023'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 13C-2-L | GREELEY-ROTH FEDERAL 13C-2-L PWB | GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0) | 647.40 | 80.14 | 647.40 | 17388.56 | 1.01 | 17388.56 | PASS |
| SEC.01-T05N-R67W | SLOT#26 EX. HERTZKE1-34 (766'FSL & 1975'FWL, CODL/SI) | EX. HERTZKE 1-34 | EX. HERTZKE 1-34 AWB | EX. HERTZKE 1-34 AWP | 10664.21 | 498.03 | 10664.21 | 10681.44 | 1.02 | 10681.44 | PASS |
| SEC.11-T05N-R67W | SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) | EX. ARTIST 11-12 | EX. ARTIST 11-12 AWB | EX. ARTIST 11-12 AWP | 14403.13 | 700.15 | 14403.13 | 14420.00 | 1.05 | 14420.00 | PASS |
| SEC.01-T05N-R67W | SLOT#01 EX. GENESIS 3 (660'FSL & 660'FEL, PR/CODL) | EX. GENESIS 3 | EX. GENESIS 3 AWB | EX. GENESIS 3 AWP | 20.00 | 453.03 | 8120.00 | 8120.00 | 1.30 | 8120.00 | PASS |
| SEC.01-T05N-R67W | SLOT#19 GREELEY-ROTH FEDERAL 33N-2B-L (1043'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 33N-2B-L | GREELEY-ROTH FEDERAL 33N-2B-L PWB | GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0) | 20.00 | 100.19 | 17388.56 | 17388.56 | 1.31 | 17388.56 | PASS |
| SEC.06-T05N-R66W | SLOT#01 EX. BRANDONDI 1 (682'FSL & 666'FWL, NB-CD/SI) | EX. BRANDONDI 1 | EX. BRANDONDI 1 AWB | EX. BRANDONDI 1 AWP | 5920.00 | 423.79 | 5920.00 | 6541.96 | 1.34 | 6541.96 | PASS |
| SEC.01-T05N-R67W | SLOT#18 GREELEY-ROTH FEDERAL 33N-2C-L (1063'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 33N-2C-L | GREELEY-ROTH FEDERAL 33N-2C-L PWB | GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0) | 20.00 | 120.23 | 420.00 | 17388.56 | 1.53 | 17388.56 | PASS |
| SEC.02-T05N-R67W | SLOT#01 EX. AUFRECHT 2 (1374'FSL & 1370'FEL, CODL/AB) | EX. AUFRECHT 2 | EX. AUFRECHT 2 AWB | EX. AUFRECHT 2 AWP | 14051.09 | 1099.51 | 14051.09 | 14120.00 | 1.69 | 14120.00 | PASS |
| SEC.01-T05N-R67W | SLOT#17 GREELEY-ROTH FEDERAL 12C-2-L (1083'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 12C-2-L | GREELEY-ROTH FEDERAL 12C-2-L PWB | GREELEY-ROTH FEDERAL 12C-2-L PWP (REV-A.0) | 20.00 | 140.27 | 320.00 | 17388.56 | 1.78 | 17388.56 | PASS |
| SEC.11-T05N-R67W | SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) | EX. SKYWAY 3-11 | EX. SKYWAY 3-11 AWB | EX. SKYWAY 3-11 AWP | 15920.00 | 844.63 | 15920.00 | 15953.76 | 1.79 | 15953.76 | PASS |
| SEC.01-T05N-R67W | SLOT#16 GREELEY-ROTH FEDERAL 12N-2A-L (1103'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 12N-2A-L | GREELEY-ROTH FEDERAL 12N-2A-L PWB | GREELEY-ROTH FEDERAL 12N-2A-L PWP (REV-A.0) | 20.00 | 160.01 | 7820.00 | 17388.56 | 2.09 | 17388.56 | PASS |
| SEC.01-T05N-R67W | SLOT#15 GREELEY-ROTH FEDERAL 12N-2C-L (1123'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 12N-2C-L | GREELEY-ROTH FEDERAL 12N-2C-L PWB | GREELEY-ROTH FEDERAL 12N-2C-L PWP (REV-A.0) | 20.00 | 180.05 | 17320.00 | 17388.56 | 2.31 | 17388.56 | PASS |
| SEC.10-T05N-R67W | SLOT#02 EX. PHILLIPS 1 (650'FNL & 643'FEL, CODL/PR) | EX. PHILLIPS 1 | EX. PHILLIPS 1 AWB | EX. PHILLIPS 1 AWP | 17388.56 | 1468.41 | 17388.56 | 17388.56 | 2.46 | 17388.56 | PASS |
| SEC.03-T05N-R67W | SLOT#04 EX. SHURVIEW 33C-3HZ (2016'FSL & 1191'FEL, CODL/PR) | EX. SHURVIEW 33C-3HZ | EX. SHURVIEW 33C-3HZ AWB | EX. SHURVIEW 33C-3HZ AWP | 17388.56 | 1145.04 | 17388.56 | 17388.56 | 2.56 | 17388.56 | PASS |
| SEC.01-T05N-R67W | SLOT#14 GREELEY-ROTH FEDERAL 32N-2B-L (1143'FSL & 294'FEL, SEC.01) | GREELEY-ROTH FEDERAL 32N-2B-L | GREELEY-ROTH FEDERAL 32N-2B-L PWB | GREELEY-ROTH FEDERAL 32N-2B-L PWP (REV-A.0) | 20.00 | 200.09 | 220.00 | 17388.56 | 2.56 | 17388.56 | PASS |
| SEC.11-T05N-R67W | SLOT#04 EX. SKYWAY FEDERAL 31-11 (450'FNL & 582'FWL, PR/NB-CD) | EX. SKYWAY FEDERAL 31-11 | EX. SKYWAY FEDERAL 31-11 AWB | EX. SKYWAY FEDERAL 31-11 AWP | 17388.56 | 1395.94 | 17388.56 | 17388.56 | 2.78 | 17388.56 | PASS |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CALCULATION RANGE & CUTOFF | | |
|----------------------------|-------------------|------------------------|
| From: 20.00ft MD | To: 17388.56ft MD | C-C Cutoff: 1000.00 ft |

| OFFSET WELL CLEARANCE SUMMARY (60 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane | | | | | | | | | | | |
|--|--|------------------------------|----------------------------------|--|------------------------|-------------------------|------------------------|--------------------------|-----------|--------------------------|------------|
| Offset Facility | Offset Slot | Offset Well | Offset Wellbore | Offset Wellpath | C-C Clearance Distance | | | ACR Separation Ratio | | | |
| | | | | | Ref MD [ft] | Min C-C Clear Dist [ft] | Diverging from MD [ft] | Ref MD of Min Ratio [ft] | Min Ratio | Min Ratio Dvrg from [ft] | ACR Status |
| SEC.02-T5N-R67W | SLOT#06 EX. RUDOLPH 2-32 (2335'FSL & 740'FWL, CODL/PR) | EX. RUDOLPH 2-32 | EX. RUDOLPH 2-32 AWB | EX. RUDOLPH 2-32 AWP | 16741.25 | 2154.37 | 16741.25 | 16920.00 | 2.79 | 16920.00 | PASS |
| SEC.01-T05N-R67W | SLOT#13 GREELEY-ROTH FEDERAL 32C-2-L (1163'FSL & 295'FEL, SEC.01) | GREELEY-ROTH FEDERAL 32C-2-L | GREELEY-ROTH FEDERAL 32C-2-L PWB | GREELEY-ROTH FEDERAL 32C-2-L PWP (REV-A.0) | 20.00 | 220.12 | 120.00 | 17388.56 | 2.83 | 17388.56 | PASS |
| SEC.02-T5N-R67W | SLOT#05 EX. RUDOLPH 2-31 (2387'FSL & 2058'FWL, NB-CD/PR) | EX. RUDOLPH 2-31 | EX. RUDOLPH 2-31 AWB | EX. RUDOLPH 2-31 AWP | 15420.00 | 2147.15 | 15420.00 | 15620.00 | 3.01 | 15620.00 | PASS |
| SEC.02-T05N-R67W | SLOT#02 EX. AUFRECHT N 02-10 (2252'FSL & 1849'FEL, CODL/PR) | EX. AUFRECHT N 02-10 | EX. AUFRECHT N 02-10 AWB | EX. AUFRECHT N 02-10 AWP | 14282.50 | 2007.22 | 14282.50 | 14466.90 | 3.02 | 14466.90 | PASS |
| SEC.11-T05N-R67W | SLOT#01 EX. SKYWAY 18-11 (507'FNL & 650'FWL, PR/NB-CD) | EX. SKYWAY 18-11 | EX. SKYWAY 18-11 AWB | EX. SKYWAY 18-11 AWP | 16595.00 | 1496.30 | 16595.00 | 16693.10 | 3.04 | 16693.10 | PASS |
| SEC.03-T05N-R67W | SLOT#07 EX. HSR-KNOX 16-3 (527' FSL & 831'FEL, AB/NB-CD) | EX. HSR-KNOX 16-3 | EX. HSR-KNOX 16-3 AWB | EX. HSR-KNOX 16-3 AWP | 17388.56 | 1410.49 | 17388.56 | 17388.56 | 3.10 | 17388.56 | PASS |
| SEC.03-T05N-R67W | SLOT#02 EX. HSR-KNOX 9-3 (1981'FSL & 701'FEL, JNB-CD/SI) | EX. HSR KNOX 9-3 | EX. HSR KNOX 9-3 AWB | EX. HSR KNOX 9-3 AWP | 17388.56 | 2232.34 | 17388.56 | 17388.56 | 3.12 | 17388.56 | PASS |
| SEC.01-T05N-R67W | SLOT#02 EX. GENESIS 9-1 (750'FSL & 377'FEL, AL/PWP) | EX. GENESIS 9-1 | EX. GENESIS 9-1 PWB | EX. GENESIS 9-1 PWP | 1424.38 | 162.95 | 8120.00 | 1440.27 | 3.19 | 8920.00 | PASS |
| SEC.02-T05N-R67W | SLOT#03 EX. AUFRECHT N02-09 (2217'FSL & 660'FEL, CODL/SI) | EX. AUFRECHT N02-09 | EX. AUFRECHT N02-09 AWB | EX. AUFRECHT N02-09 AWP | 13090.00 | 1942.27 | 13090.00 | 13285.64 | 3.19 | 13285.64 | PASS |
| SEC.01-T05N-R67W | SLOT#03 EX. HERTZKE N 1-12 (2116'FSL & 619'FWL, CODL/PR) | EX. HERTZKE N 1-12 | EX. HERTZKE N 1-12 AWB | EX. HERTZKE N 1-12 AWP | 11815.00 | 1848.62 | 11815.00 | 12020.00 | 3.36 | 12020.00 | PASS |
| SEC.01-T05N-R67W | SLOT#02 EX. HERTZKE N 1-11 (2012'FSL & 1864'FWL, CODL/SI) | EX. HERTZKE N 1-11 | EX. HERTZKE N 1-11 AWB | EX. HERTZKE N 1-11 AWP | 10575.00 | 1778.99 | 10575.00 | 10788.86 | 3.61 | 10788.86 | PASS |
| SEC.03-T05N-R67W | SLOT#03 EX. SHURVIEW 13N-3HZ (1999'FSL & 1164'FEL, NBR/PR) | EX. SHURVIEW 13N-3HZ | EX. SHURVIEW 13N-3HZ AWB | EX. SHURVIEW 13N-3HZ AWP | 17388.56 | 1094.54 | 17388.56 | 17388.56 | 3.67 | 17388.56 | PASS |
| SEC.01-T05N-R67W | SLOT#03 EX. GENESIS 9-1-20 (725'FSL & 378'FEL, AL/PWP) | EX. GENESIS 9-1-20 | EX. GENESIS 9-1-20 PWB | EX. GENESIS 9-1-20 PWP | 1313.61 | 222.20 | 8720.00 | 1334.82 | 4.38 | 9020.00 | PASS |
| SEC.02-T05N-R67W | SLOT#04 EX. E. JOHNSON FEDERAL 2-23 (2129'FNL & 498'FWL, CODL/SI) | EX. E JOHNSON FEDERAL 2-23 | EX. E JOHNSON FEDERAL 2-23 AWB | EX. E JOHNSON FEDERAL 2-23 AWP | 16720.00 | 3587.80 | 16720.00 | 17220.00 | 4.60 | 17220.00 | PASS |
| SEC.01-T05N-R67W | SLOT#04 EX. GENESIS 9-1-39 (700'FSL & 378'FEL, AL/PWP) | EX. GENESIS 9-1-39 | EX. GENESIS 9-1-39 PWB | EX. GENESIS 9-1-39 PWP | 1549.32 | 238.50 | 7620.00 | 1608.73 | 4.60 | 8020.00 | PASS |
| SEC.10-T05N-R67W | SLOT#01 EX. HIGH POINTE LLC 10E-402 (739'FNL & 425'FWL, XX) | EX. HIGH POINTE LLC 10E-402 | EX. HIGH POINTE LLC 10E-402 PWB | EX. HIGH POINTE LLC 10E-402 PWP | 17388.56 | 1049.04 | 17388.56 | 17388.56 | 4.68 | 17388.56 | PASS |
| SEC.02-T05N-R67W | SLOT#05 EX. E. JOHNSON FEDERAL 2-24 (2074'FNL & 1707'FWL, CODL/PR) | EX. E JOHNSON FEDERAL 2-24 | EX. E JOHNSON FEDERAL 2-24 AWB | EX. E JOHNSON FEDERAL 2-24 AWP | 15432.50 | 3605.70 | 15432.50 | 15966.27 | 4.99 | 15966.27 | PASS |
| SEC.03-T05N-R67W | SLOT#02 EX. KNOX 32-3 (2270'FNL & 1839'FEL, JSND/SI) | EX. KNOX 32-3 | EX. KNOX 32-3 AWB | EX. KNOX 32-3 AWP | 17388.56 | 3889.86 | 17388.56 | 17388.56 | 5.19 | 17388.56 | PASS |
| SEC.02-T05N-R67W | SLOT#01 EX. AUFRECHT 1 (1368'FNL & 1287'FEL, J-CDL/PR) | EX. AUFRECHT 1 | EX. AUFRECHT 1 AWB | EX. AUFRECHT 1 AWP | 14020.00 | 3761.01 | 14020.00 | 14671.09 | 5.70 | 14671.09 | PASS |
| SEC.12-T05N-R67W | SLOT#02 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD) | EX. SHEEP 2-12 | EX. SHEEP 2-12 AWB | EX. SHEEP 2-12 AWP | 9393.66 | 930.45 | 9393.66 | 9539.49 | 5.96 | 9539.49 | PASS |
| SEC.03-T05N-R67W | SLOT#05 EX. SHURVIEW USX N 03-08D (2130'FNL & 1940'FEL, NB-CD/SI) | EX. SHURVIEW USX N 03-08D | EX. SHURVIEW USX N 03-08D AWB | EX. SHURVIEW USX N 03-08D AWP | 17388.56 | 3514.89 | 17388.56 | 17388.56 | 6.58 | 17388.56 | PASS |
| SEC.05-T05N-R66W | SLOT#12 BOOMERANG 34N-6C-M (1511'FNL & 2327'FWL, SEC.05) | BOOMERANG 34N-6C-M | BOOMERANG 34N-6C-M PWB | BOOMERANG 34N-6C-M PWP | 6845.00 | 2643.50 | 6845.00 | 7295.36 | 6.91 | 7295.36 | PASS |
| SEC.01-T05N-R67W | SLOT#04 EX. HERTZKE N 1-7 (2072'FNL & 1816'FEL, CODL/SI) | EX. HERTZKE N 1-7 | EX. HERTZKE N 1-7 AWB | EX. HERTZKE N 1-7 AWP | 20.00 | 2867.88 | 9320.00 | 10077.52 | 7.19 | 10077.52 | PASS |
| SEC.03-T05N-R67W | SLOT#08 EX. SHUR VIEW 20-3 (1317'FSL & 1498'FEL, SI/NB-CD) | EX. SHUR VIEW 20-3 | EX. SHUR VIEW 20-3 AWB | EX. SHUR VIEW 20-3 AWP | 17388.56 | 2260.98 | 17388.56 | 17388.56 | 7.29 | 17388.56 | PASS |
| SEC.12-T05N-R67W | SLOT#01 EX. DETIENNE 1-12 (1960'FNL & 604'FEL, PR/NB-CD) | EX. DETIENNE 1-12 | EX. DETIENNE 1-12AWB | EX. DETIENNE 1-12AWP | 8070.55 | 847.96 | 8070.55 | 8259.35 | 7.50 | 8259.35 | PASS |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | | | |
|-----------------------------------|--------------------------------|--|----------|--|--|
| Operator | SRC ENERGY | | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) | |
| Area | COLORADO | | Well | GREELEY-ROTH 34C-2-L | |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | | Wellbore | GREELEY-ROTH 34C-2-L PWB | |
| Facility | SEC.01-T05N-R67W | | | | |

| CALCULATION RANGE & CUTOFF | | |
|----------------------------|-------------------|------------------------|
| From: 20.00ft MD | To: 17388.56ft MD | C-C Cutoff: 1000.00 ft |

| OFFSET WELL CLEARANCE SUMMARY (60 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane | | | | | | | | | | | |
|--|---|---------------------------|-------------------------------|-------------------------------|------------------------|-------------------------|------------------------|--------------------------|-----------|--------------------------|------------|
| Offset Facility | Offset Slot | Offset Well | Offset Wellbore | Offset Wellpath | C-C Clearance Distance | | | ACR Separation Ratio | | | |
| | | | | | Ref MD [ft] | Min C-C Clear Dist [ft] | Diverging from MD [ft] | Ref MD of Min Ratio [ft] | Min Ratio | Min Ratio Dvrg from [ft] | ACR Status |
| SEC.01-T05N-R67W | SLOT#06 EX. ROTH 1-14 (2257'FNL & 505'FEL, NB-CD/PR) | EX. ROTH 1-14 | EX. ROTH 1-14 AWB | EX. ROTH 1-14 AWP | 120.00 | 2253.70 | 8020.00 | 8795.35 | 7.73 | 8795.35 | PASS |
| SEC.05-T05N-R66W | SLOT#10 BOOMERANG 34C-6-M (1496'FNL & 2327'FWL, SEC.05) | BOOMERANG 34C-6-M | BOOMERANG 34C-6-M PWB | BOOMERANG 34C-6-M PWP | 6936.88 | 3007.46 | 6936.88 | 7490.80 | 7.78 | 7490.80 | PASS |
| SEC.03-T05N-R67W | SLOT#06 EX. SHURVIEW USX N 03-17D (2085'FNL & 1928'FEL, NB-CD/SI) | EX. SHURVIEW USX N 03-17D | EX. SHURVIEW USX N 03-17D AWB | EX. SHURVIEW USX N 03-17D AWP | 17388.56 | 4199.43 | 17388.56 | 17388.56 | 8.17 | 17388.56 | PASS |
| SEC.02-T5N-R67W | Slot #3 Aufrecht N 2-7 | Aufrecht N 2-7 | Aufrecht N2-7 AWB | Aufrecht N2-7 AWP | 14240.00 | 3284.24 | 14240.00 | 14920.00 | 8.26 | 14920.00 | PASS |
| SEC.02-T5N-R67W | Slot #4 Aufrecht N 2-8 | Aufrecht N 2-8 | Aufrecht N 2-8 AWB | Aufrecht N 2-8 AWP | 12820.00 | 3221.39 | 12820.00 | 13690.90 | 8.94 | 13690.90 | PASS |
| SEC.01-T05N-R67W | SLOT#05 EX. GENESIS 9-2 (656'FSL & 673'FEL, PR/JNBCD) | EX. GENESIS 9-2 | EX. GENESIS 9-2 AWB | EX. GENESIS 9-2 AWP | 320.00 | 487.99 | 9320.00 | 363.70 | 9.88 | 9920.00 | PASS |
| SEC.03-T05N-R67W | SLOT#09 EX. SHURVIEW USX N 03-02D (2108'FNL & 1934'FEL, SI/NB-CD) | EX. SHURVIEW USX N 03-02D | EX. SHURVIEW USX N 03-02D AWB | EX. SHURVIEW USX N 03-02D AWP | 17388.56 | 5011.53 | 17388.56 | 17388.56 | 9.94 | 17388.56 | PASS |
| SEC.01-T05N-R67W | SLOT#07 EX. ROTH 1-15 (963'FNL & 978'FEL, CODL/PR) | EX. ROTH 1-15 | EX. ROTH 1-15 AWB | EX. ROTH 1-15 AWP | 20.00 | 3552.33 | 8420.00 | 9920.00 | 10.03 | 9920.00 | PASS |
| SEC.02-T5N-R67W | Slot #1 Aufrecht N 2-1 | Aufrecht N 2-1 | Aufrecht N 2-1 AWB | Aufrecht N 2-1 AWP | 12827.50 | 4737.98 | 12827.50 | 14320.00 | 12.86 | 14320.00 | PASS |
| SEC.07-T5N-R66W | SLOT#02 EX. UPRC 7-4H6 (671'FNL & 646'FWL, PR/NB-CD) | EX. UPRC 7-4H6 | EX. UPRC 7-4H6 AWB | EX. UPRC 7-4H6 AWP | 7035.31 | 1076.07 | 7035.31 | 7173.04 | 14.77 | 7173.04 | PASS |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| Facility: SEC.01-T05N-R67W Slot: SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH 34N-2B-L Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 20.00 | 20.00 | 20.04 | -0.31 | -0.89 | 20.04 | 1.56 | 31.79 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 120.00 | 120.00 | 20.04 | -0.31 | -0.89 | 20.04 | 1.89 | 20.70 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 220.00 | 220.00 | 20.04 | -0.31 | -0.89 | 20.04 | 2.45 | 12.79 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 320.00 | 320.00 | 20.04 | -0.31 | -0.89 | 20.04 | 3.06 | 9.11 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 420.00 | 420.00 | 20.04 | -0.31 | -0.89 | 20.04 | 3.67 | 7.04 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 520.00 | 520.00 | 20.04 | -0.31 | -0.89 | 20.04 | 4.29 | 5.73 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 620.00 | 620.00 | 20.04 | -0.31 | -0.89 | 20.04 | 4.92 | 4.83 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 720.08 | 720.08 | 20.00 | -0.25 | -0.72 | 20.00 | 5.54 | 4.16 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 750.19 | 750.19 | 19.80 | 0.06 | 0.17 | 19.80 | 5.74 | 3.95 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 820.43 | 820.40 | 18.65 | 1.81 | -127.95 | 19.25 | 6.21 | 3.49 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 920.72 | 920.50 | 15.37 | 6.79 | -122.30 | 18.96 | 6.98 | 2.99 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1020.93 | 1020.26 | 10.18 | 14.70 | -115.94 | 19.30 | 7.65 | 2.74 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1121.08 | 1119.56 | 3.08 | 25.51 | -109.48 | 20.34 | 8.23 | 2.67 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1221.13 | 1218.27 | -5.87 | 39.13 | -103.67 | 22.11 | 8.81 | 2.69 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1295.75 | 1291.76 | -12.99 | 49.97 | -103.33 | 23.96 | 9.32 | 2.75 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1321.09 | 1316.72 | -15.41 | 53.65 | -103.98 | 24.66 | 9.50 | 2.78 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1421.05 | 1415.15 | -24.94 | 68.16 | -106.23 | 27.48 | 10.22 | 2.86 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1521.00 | 1513.59 | -34.47 | 82.67 | -108.07 | 30.32 | 10.94 | 2.94 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1620.96 | 1612.02 | -44.01 | 97.18 | -109.58 | 33.20 | 11.66 | 3.01 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1720.91 | 1710.46 | -53.54 | 111.70 | -110.86 | 36.09 | 12.39 | 3.07 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1820.87 | 1808.90 | -63.07 | 126.21 | -111.94 | 39.00 | 12.57 | 3.23 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1920.82 | 1907.33 | -72.61 | 140.72 | -112.87 | 41.92 | 12.82 | 3.40 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2020.78 | 2005.77 | -82.14 | 155.23 | -113.69 | 44.84 | 13.16 | 3.54 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2120.73 | 2104.20 | -91.67 | 169.74 | -114.40 | 47.78 | 13.60 | 3.65 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2220.69 | 2202.64 | -101.20 | 184.26 | -115.03 | 50.73 | 14.13 | 3.73 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2320.65 | 2301.07 | -110.74 | 198.77 | -115.59 | 53.68 | 14.73 | 3.78 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2420.60 | 2399.51 | -120.27 | 213.28 | -116.09 | 56.63 | 15.39 | 3.81 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2520.56 | 2497.94 | -129.80 | 227.79 | -116.54 | 59.59 | 16.11 | 3.82 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2620.51 | 2596.38 | -139.34 | 242.30 | -116.95 | 62.55 | 16.88 | 3.82 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2720.47 | 2694.82 | -148.87 | 256.81 | -117.32 | 65.51 | 17.70 | 3.81 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| Facility: SEC.01-T05N-R67W Slot: SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH 34N-2B-L Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2820.42 | 2793.25 | -158.40 | 271.33 | -117.66 | 68.48 | 18.55 | 3.80 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2920.38 | 2891.69 | -167.94 | 285.84 | -117.98 | 71.45 | 19.43 | 3.78 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3020.33 | 2990.12 | -177.47 | 300.33 | -118.26 | 74.42 | 20.35 | 3.75 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3120.29 | 3088.56 | -187.00 | 314.86 | -118.53 | 77.39 | 21.28 | 3.73 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3220.24 | 3186.99 | -196.54 | 329.37 | -118.77 | 80.36 | 22.24 | 3.70 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3320.20 | 3285.43 | -206.07 | 343.89 | -119.00 | 83.34 | 23.22 | 3.67 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3420.15 | 3383.86 | -215.60 | 358.40 | -119.21 | 86.32 | 24.21 | 3.64 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3520.11 | 3482.30 | -225.13 | 372.91 | -119.41 | 89.29 | 25.22 | 3.61 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3620.06 | 3580.74 | -234.67 | 387.42 | -119.60 | 92.27 | 26.23 | 3.59 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3720.02 | 3679.17 | -244.20 | 401.93 | -119.77 | 95.25 | 27.27 | 3.56 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3819.97 | 3777.61 | -253.73 | 416.43 | -119.93 | 98.23 | 28.31 | 3.53 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3919.93 | 3876.04 | -263.27 | 430.96 | -120.09 | 101.21 | 29.35 | 3.51 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4019.88 | 3974.48 | -272.80 | 445.47 | -120.23 | 104.20 | 30.41 | 3.48 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4119.84 | 4072.91 | -282.33 | 459.98 | -120.37 | 107.18 | 31.48 | 3.46 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4219.79 | 4171.35 | -291.87 | 474.49 | -120.50 | 110.16 | 32.55 | 3.44 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4319.75 | 4269.79 | -301.40 | 489.01 | -120.62 | 113.14 | 33.62 | 3.42 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4419.70 | 4368.22 | -310.93 | 503.52 | -120.74 | 116.13 | 34.71 | 3.39 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4519.66 | 4466.66 | -320.47 | 518.03 | -120.85 | 119.11 | 35.79 | 3.37 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4619.61 | 4565.09 | -330.00 | 532.54 | -120.95 | 122.10 | 36.88 | 3.36 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4719.57 | 4663.53 | -339.53 | 547.05 | -121.05 | 125.08 | 37.98 | 3.34 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4819.53 | 4761.96 | -349.06 | 561.57 | -121.15 | 128.07 | 39.08 | 3.32 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4919.48 | 4860.40 | -358.60 | 576.08 | -121.24 | 131.06 | 40.18 | 3.30 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5019.44 | 4958.83 | -368.13 | 590.59 | -121.32 | 134.04 | 41.28 | 3.29 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5119.39 | 5057.27 | -377.66 | 605.10 | -121.41 | 137.03 | 42.39 | 3.27 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5219.35 | 5155.71 | -387.20 | 619.61 | -121.49 | 140.02 | 43.50 | 3.26 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5319.30 | 5254.14 | -396.73 | 634.13 | -121.56 | 143.00 | 44.61 | 3.24 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5419.26 | 5352.58 | -406.26 | 648.64 | -121.64 | 145.99 | 45.73 | 3.23 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5519.21 | 5451.01 | -415.80 | 663.15 | -121.71 | 148.98 | 46.85 | 3.21 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5619.17 | 5549.45 | -425.33 | 677.66 | -121.77 | 151.97 | 47.97 | 3.20 | PASS | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5719.12 | 5647.88 | -434.86 | 692.17 | -121.84 | 154.95 | 49.09 | 3.19 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| Facility: SEC.01-T05N-R67W Slot: SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH 34N-2B-L Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5819.08 | 5746.32 | -444.39 | 706.69 | -121.90 | 157.94 | 50.21 | 3.18 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5919.03 | 5844.75 | -453.93 | 721.20 | -121.96 | 160.93 | 51.33 | 3.16 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 6018.99 | 5943.19 | -463.46 | 735.71 | -122.02 | 163.92 | 52.46 | 3.15 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6118.94 | 6041.63 | -472.99 | 750.22 | -122.08 | 166.91 | 53.59 | 3.14 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6218.90 | 6140.06 | -482.53 | 764.73 | -122.13 | 169.90 | 54.71 | 3.13 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6318.85 | 6238.50 | -492.06 | 779.25 | -122.18 | 172.89 | 55.84 | 3.12 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6422.44 | 6341.12 | -502.04 | 788.09 | -124.24 | 174.95 | 56.89 | 3.10 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6522.28 | 6440.12 | -511.76 | 780.85 | -131.23 | 176.30 | 57.84 | 3.07 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6524.37 | 6442.17 | -511.97 | 780.54 | -131.43 | 176.35 | 57.87 | 3.07 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6616.26 | 6531.20 | -520.80 | 759.92 | 166.55 | 181.19 | 59.06 | 3.09 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6706.64 | 6614.99 | -529.20 | 727.30 | 111.18 | 190.09 | 60.33 | 3.18 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6794.00 | 6690.82 | -536.88 | 684.74 | 88.67 | 201.71 | 61.51 | 3.31 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6878.86 | 6758.25 | -543.79 | 633.80 | 76.45 | 214.74 | 62.09 | 3.49 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6961.65 | 6816.97 | -549.90 | 575.84 | 68.42 | 228.00 | 61.39 | 3.75 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7042.77 | 6866.78 | -555.17 | 512.09 | 62.75 | 240.57 | 62.52 | 3.88 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7122.57 | 6907.51 | -559.58 | 443.67 | 58.67 | 251.72 | 63.78 | 3.98 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7201.35 | 6939.05 | -563.12 | 371.63 | 55.78 | 260.92 | 65.29 | 4.03 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7279.38 | 6961.33 | -565.77 | 296.94 | 53.85 | 267.80 | 67.49 | 4.00 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7356.94 | 6974.31 | -567.52 | 220.55 | 52.75 | 272.10 | 70.39 | 3.89 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7427.14 | 6978.00 | -568.32 | 150.48 | 52.39 | 273.64 | 73.54 | 3.75 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7435.95 | 6977.97 | -568.37 | 141.68 | 52.39 | 273.69 | 73.91 | 3.73 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7540.35 | 6977.53 | -569.65 | 37.29 | 52.23 | 273.78 | 78.18 | 3.52 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7640.33 | 6977.11 | -572.27 | -62.65 | 51.90 | 272.75 | 82.62 | 3.32 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7740.31 | 6976.69 | -574.89 | -162.60 | 51.56 | 271.74 | 87.38 | 3.13 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7840.29 | 6976.27 | -577.50 | -262.55 | 51.23 | 270.73 | 92.40 | 2.94 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7940.27 | 6975.85 | -580.12 | -362.50 | 50.89 | 269.74 | 97.64 | 2.78 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 8040.26 | 6975.43 | -582.74 | -462.44 | 50.55 | 268.75 | 103.03 | 2.62 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 8140.24 | 6975.01 | -585.36 | -562.39 | 50.21 | 267.78 | 108.56 | 2.48 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 8240.22 | 6974.59 | -587.97 | -662.34 | 49.86 | 266.81 | 114.17 | 2.35 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 8340.20 | 6974.16 | -590.59 | -762.28 | 49.51 | 265.85 | 119.85 | 2.23 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1) | | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-----------------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------------------------|--------------|---------------|--|
| Facility: SEC.01-T05N-R67W Slot: SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) | | | | Well: GREELEY-ROTH 34N-2B-L | | | | Threshold Value=1.00 | | † = interpolated/extrapolated station | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 8440.19 | 6973.74 | -593.21 | -862.23 | 49.16 | 264.90 | 125.57 | 2.12 | PASS | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 8540.17 | 6973.32 | -595.83 | -962.18 | 48.81 | 263.97 | 131.32 | 2.02 | PASS | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 8640.15 | 6972.90 | -598.44 | -1062.13 | 48.45 | 263.04 | 137.08 | 1.92 | PASS | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 8740.13 | 6972.48 | -601.06 | -1162.07 | 48.09 | 262.12 | 142.84 | 1.84 | PASS | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 8840.12 | 6972.06 | -603.68 | -1262.02 | 47.73 | 261.21 | 148.58 | 1.76 | PASS | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 8940.10 | 6971.64 | -606.29 | -1361.97 | 47.37 | 260.32 | 154.31 | 1.69 | PASS | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 9040.08 | 6971.22 | -608.91 | -1461.92 | 47.01 | 259.43 | 160.00 | 1.62 | PASS | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 9140.06 | 6970.80 | -611.53 | -1561.86 | 46.64 | 258.56 | 165.65 | 1.56 | PASS | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 9240.04 | 6970.38 | -614.15 | -1661.81 | 46.27 | 257.69 | 171.26 | 1.51 | PASS | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 9340.03 | 6969.96 | -616.76 | -1761.76 | 45.89 | 256.84 | 176.81 | 1.45 | PASS | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 9440.01 | 6969.54 | -619.38 | -1861.70 | 45.52 | 256.00 | 182.31 | 1.41 | PASS | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 9539.99 | 6969.12 | -622.00 | -1961.65 | 45.14 | 255.17 | 187.75 | 1.36 | PASS | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 9639.97 | 6968.70 | -624.61 | -2061.60 | 44.76 | 254.35 | 193.12 | 1.32 | PASS | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 9739.96 | 6968.28 | -627.23 | -2161.55 | 44.38 | 253.54 | 198.43 | 1.28 | PASS | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 9839.94 | 6967.86 | -629.85 | -2261.49 | 43.99 | 252.74 | 203.66 | 1.24 | PASS | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 9939.92 | 6967.44 | -632.47 | -2361.44 | 43.60 | 251.95 | 208.82 | 1.21 | PASS | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 10039.90 | 6967.02 | -635.08 | -2461.39 | 43.21 | 251.18 | 213.90 | 1.17 | PASS | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 10139.89 | 6966.60 | -637.70 | -2561.33 | 42.82 | 250.42 | 218.89 | 1.14 | PASS | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 10239.87 | 6966.17 | -640.32 | -2661.28 | 42.43 | 249.66 | 223.80 | 1.12 | PASS | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 10339.85 | 6965.75 | -642.94 | -2761.23 | 42.03 | 248.93 | 228.63 | 1.09 | PASS | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 10439.83 | 6965.33 | -645.55 | -2861.18 | 41.63 | 248.20 | 233.37 | 1.06 | PASS | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 10539.81 | 6964.91 | -648.17 | -2961.12 | 41.23 | 247.48 | 238.01 | 1.04 | PASS | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 10639.80 | 6964.49 | -650.79 | -3061.07 | 40.82 | 246.78 | 242.56 | 1.02 | PASS | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 10739.78 | 6964.07 | -653.40 | -3161.02 | 40.42 | 246.09 | 247.02 | 1.00 | FAIL | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 10839.76 | 6963.65 | -656.02 | -3260.96 | 40.01 | 245.41 | 251.37 | 0.98 | FAIL | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 10939.74 | 6963.23 | -658.64 | -3360.91 | 39.60 | 244.75 | 255.63 | 0.96 | FAIL | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 11039.73 | 6962.81 | -661.26 | -3460.86 | 39.18 | 244.10 | 259.79 | 0.94 | FAIL | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 11139.71 | 6962.39 | -663.87 | -3560.81 | 38.77 | 243.46 | 263.84 | 0.92 | FAIL | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 11239.69 | 6961.97 | -666.49 | -3660.75 | 38.35 | 242.83 | 267.79 | 0.91 | FAIL | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 11339.67 | 6961.55 | -669.11 | -3760.70 | 37.93 | 242.21 | 271.63 | 0.89 | FAIL | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| Facility: SEC.01-T05N-R67W Slot: SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH 34N-2B-L Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 11439.66 | 6961.13 | -671.72 | -3860.65 | 37.51 | 241.61 | 275.37 | 0.88 | FAIL |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 11539.64 | 6960.71 | -674.34 | -3960.59 | 37.08 | 241.03 | 278.99 | 0.86 | FAIL |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 11639.48 | 6960.29 | -676.95 | -4060.40 | 36.66 | 240.45 | 282.51 | 0.85 | FAIL |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 11734.70 | 6959.89 | -677.77 | -4155.62 | 36.57 | 240.94 | 287.63 | 0.84 | FAIL |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 11834.46 | 6959.47 | -676.81 | -4255.37 | 36.83 | 242.51 | 294.79 | 0.82 | FAIL |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 11934.44 | 6959.04 | -675.85 | -4355.34 | 37.08 | 244.09 | 302.01 | 0.81 | FAIL |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 12034.42 | 6958.62 | -674.88 | -4455.32 | 37.33 | 245.67 | 309.26 | 0.79 | FAIL |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 12134.41 | 6958.20 | -673.92 | -4555.30 | 37.57 | 247.25 | 316.56 | 0.78 | FAIL |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 12234.39 | 6957.78 | -672.96 | -4655.27 | 37.82 | 248.85 | 323.89 | 0.77 | FAIL |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 12334.37 | 6957.36 | -671.99 | -4755.25 | 38.06 | 250.44 | 331.26 | 0.76 | FAIL |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 12434.35 | 6956.94 | -671.03 | -4855.23 | 38.29 | 252.04 | 338.67 | 0.74 | FAIL |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 12534.33 | 6956.51 | -670.06 | -4955.20 | 38.53 | 253.64 | 346.11 | 0.73 | FAIL |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 12634.32 | 6956.09 | -669.10 | -5055.18 | 38.76 | 255.25 | 353.58 | 0.72 | FAIL |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 12734.30 | 6955.67 | -668.14 | -5155.15 | 38.99 | 256.86 | 361.08 | 0.71 | FAIL |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 12834.28 | 6955.25 | -667.17 | -5255.13 | 39.21 | 258.48 | 368.62 | 0.70 | FAIL |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 12934.26 | 6954.83 | -666.21 | -5355.11 | 39.43 | 260.10 | 376.18 | 0.69 | FAIL |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 13034.24 | 6954.41 | -665.25 | -5455.08 | 39.65 | 261.73 | 383.78 | 0.68 | FAIL |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 13134.22 | 6953.98 | -664.28 | -5555.06 | 39.87 | 263.35 | 391.40 | 0.67 | FAIL |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 13234.21 | 6953.56 | -663.32 | -5655.04 | 40.08 | 264.98 | 399.06 | 0.66 | FAIL |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 13334.19 | 6953.14 | -662.36 | -5755.01 | 40.29 | 266.62 | 406.74 | 0.65 | FAIL |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 13434.17 | 6952.72 | -661.39 | -5854.99 | 40.50 | 268.26 | 414.44 | 0.65 | FAIL |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 13534.15 | 6952.30 | -660.43 | -5954.96 | 40.71 | 269.90 | 422.17 | 0.64 | FAIL |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 13634.13 | 6951.88 | -659.46 | -6054.94 | 40.91 | 271.55 | 429.93 | 0.63 | FAIL |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 13734.12 | 6951.45 | -658.50 | -6154.92 | 41.11 | 273.20 | 437.71 | 0.62 | FAIL |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 13834.10 | 6951.03 | -657.54 | -6254.89 | 41.31 | 274.85 | 445.52 | 0.62 | FAIL |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 13934.08 | 6950.61 | -656.57 | -6354.87 | 41.51 | 276.50 | 453.34 | 0.61 | FAIL |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 14034.06 | 6950.19 | -655.61 | -6454.85 | 41.70 | 278.16 | 461.19 | 0.60 | FAIL |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 14134.04 | 6949.77 | -654.65 | -6554.82 | 41.90 | 279.82 | 469.07 | 0.60 | FAIL |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 14234.02 | 6949.35 | -653.68 | -6654.80 | 42.09 | 281.49 | 476.96 | 0.59 | FAIL |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 14334.01 | 6948.92 | -652.72 | -6754.77 | 42.27 | 283.16 | 484.87 | 0.58 | FAIL |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| Facility: SEC.01-T05N-R67W Slot: SLOT#23 GREELEY-ROTH 34N-2B-L (963'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH 34N-2B-L Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 14433.99 | 6948.50 | -651.76 | -6854.75 | 42.46 | 284.83 | 492.81 | 0.58 | FAIL | |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 14533.97 | 6948.08 | -650.79 | -6954.73 | 42.64 | 286.50 | 500.76 | 0.57 | FAIL | |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 14633.95 | 6947.66 | -649.83 | -7054.70 | 42.82 | 288.18 | 508.74 | 0.57 | FAIL | |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 14733.93 | 6947.24 | -648.87 | -7154.68 | 43.00 | 289.86 | 516.73 | 0.56 | FAIL | |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 14833.92 | 6946.82 | -647.90 | -7254.66 | 43.18 | 291.54 | 524.74 | 0.55 | FAIL | |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 14933.90 | 6946.39 | -646.94 | -7354.63 | 43.35 | 293.23 | 532.76 | 0.55 | FAIL | |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 15033.88 | 6945.97 | -645.97 | -7454.61 | 43.53 | 294.92 | 540.81 | 0.54 | FAIL | |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 15133.86 | 6945.55 | -645.01 | -7554.59 | 43.70 | 296.61 | 548.87 | 0.54 | FAIL | |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 15233.84 | 6945.13 | -644.05 | -7654.56 | 43.87 | 298.30 | 556.95 | 0.54 | FAIL | |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 15333.82 | 6944.71 | -643.08 | -7754.54 | 44.03 | 300.00 | 565.04 | 0.53 | FAIL | |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 15433.81 | 6944.29 | -642.12 | -7854.51 | 44.20 | 301.70 | 573.15 | 0.53 | FAIL | |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 15533.79 | 6943.86 | -641.16 | -7954.49 | 44.36 | 303.40 | 581.27 | 0.52 | FAIL | |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 15633.77 | 6943.44 | -640.19 | -8054.47 | 44.52 | 305.10 | 589.41 | 0.52 | FAIL | |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 15733.75 | 6943.02 | -639.23 | -8154.44 | 44.68 | 306.81 | 597.57 | 0.51 | FAIL | |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 15833.73 | 6942.60 | -638.27 | -8254.42 | 44.84 | 308.51 | 605.73 | 0.51 | FAIL | |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 15933.72 | 6942.18 | -637.30 | -8354.40 | 45.00 | 310.22 | 613.91 | 0.50 | FAIL | |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 16033.70 | 6941.76 | -636.34 | -8454.37 | 45.15 | 311.94 | 622.11 | 0.50 | FAIL | |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 16133.68 | 6941.33 | -635.37 | -8554.35 | 45.30 | 313.65 | 630.31 | 0.50 | FAIL | |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 16233.66 | 6940.91 | -634.41 | -8654.32 | 45.45 | 315.37 | 638.53 | 0.49 | FAIL | |
| 16520.00† | 7162.31 | -860.01 | -8757.42 | 16333.64 | 6940.49 | -633.45 | -8754.30 | 45.60 | 317.09 | 646.77 | 0.49 | FAIL | |
| 16620.00† | 7162.51 | -860.85 | -8857.42 | 16433.62 | 6940.07 | -632.48 | -8854.28 | 45.75 | 318.81 | 655.01 | 0.49 | FAIL | |
| 16720.00† | 7162.70 | -861.69 | -8957.41 | 16533.61 | 6939.65 | -631.52 | -8954.25 | 45.90 | 320.53 | 663.27 | 0.48 | FAIL | |
| 16820.00† | 7162.90 | -862.53 | -9057.41 | 16633.59 | 6939.23 | -630.56 | -9054.23 | 46.04 | 322.26 | 671.54 | 0.48 | FAIL | |
| 16920.00† | 7163.09 | -863.37 | -9157.40 | 16733.57 | 6938.80 | -629.59 | -9154.21 | 46.19 | 323.99 | 679.81 | 0.48 | FAIL | |
| 17020.00† | 7163.28 | -864.22 | -9257.40 | 16833.55 | 6938.38 | -628.63 | -9254.18 | 46.33 | 325.72 | 688.10 | 0.47 | FAIL | |
| 17120.00† | 7163.48 | -865.06 | -9357.40 | 16933.53 | 6937.96 | -627.67 | -9354.16 | 46.47 | 327.45 | 696.40 | 0.47 | FAIL | |
| 17220.00† | 7163.67 | -865.90 | -9457.39 | 17033.52 | 6937.54 | -626.70 | -9454.13 | 46.61 | 329.18 | 704.72 | 0.47 | FAIL | |
| 17320.00† | 7163.87 | -866.74 | -9557.39 | 17133.50 | 6937.12 | -625.74 | -9554.11 | 46.74 | 330.92 | 713.04 | 0.46 | FAIL | |
| 17348.05† | 7163.92 | -866.97 | -9585.44 | 17161.54 | 6937.00 | -625.47 | -9582.15 | 46.78 | 331.40 | 715.37 | 0.46 | FAIL | |
| 17388.56 | 7164.00 | -867.31 | -9625.94 | 17161.54 | 6937.00 | -625.47 | -9582.15 | 46.78 | 334.57 | 710.62 | 0.47 | FAIL | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 12 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 20.00 | 1739.10 | 12.21 | -0.19 | -11.06 | 35.24 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 20.00 | 1739.10 | 12.21 | -0.19 | -11.06 | 35.24 |
| 8.5in Open Hole | 1750.00 | 17161.54 | 15411.54 | 1739.10 | 6937.00 | -11.06 | 35.24 | -184.54 | -2920.73 |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|---|------------------|---------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (IFR1, Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH 34N-2B-L PWB |
| 1750.00 | 17161.54 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH 34N-2B-L PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH 34N-2B-L PWB Offset Wellpath: GREELEY-ROTH 34N-2B-L PWP (REV-B.1)

| | |
|---|---|
| MD Reference: PRECISION 462 (20") (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 13 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-33 AWB Offset Wellpath: EX. RUDOLPH 2-33 AWP

| Facility: SEC.02-T05N-R67W | | | | Slot: SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) | | | | Well: EX. RUDOLPH 2-33 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | | |
|----------------------------|--------------|----------------|---------------|--|-----------------|-------------------|------------------|-------------------------|---------------------|--|-----------|------------|--|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 45.00 | 20.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 50.26 | 190.39 | PASS | | | |
| 120.00† | 120.00 | 0.00 | 0.00 | 145.00 | 120.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 50.80 | 188.34 | PASS | | | |
| 220.00† | 220.00 | 0.00 | 0.00 | 245.00 | 220.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 52.06 | 183.68 | PASS | | | |
| 320.00† | 320.00 | 0.00 | 0.00 | 345.00 | 320.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 53.99 | 177.00 | PASS | | | |
| 420.00† | 420.00 | 0.00 | 0.00 | 445.00 | 420.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 56.46 | 169.12 | PASS | | | |
| 520.00† | 520.00 | 0.00 | 0.00 | 545.00 | 520.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 59.36 | 160.72 | PASS | | | |
| 620.00† | 620.00 | 0.00 | 0.00 | 645.00 | 620.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 62.59 | 152.30 | PASS | | | |
| 720.00† | 720.00 | 0.00 | 0.00 | 745.00 | 720.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 66.07 | 144.16 | PASS | | | |
| 750.00 | 750.00 | 0.00 | 0.00 | 775.00 | 750.00 | -483.47 | -9374.13 | -92.95 | 9386.59 | 67.15 | 141.81 | PASS | | | |
| 820.00† | 819.99 | -0.57 | 0.64 | 844.99 | 819.99 | -483.47 | -9374.13 | 135.64 | 9387.20 | 69.75 | 136.46 | PASS | | | |
| 920.00† | 919.90 | -3.33 | 3.78 | 944.90 | 919.90 | -483.47 | -9374.13 | 135.62 | 9390.19 | 73.58 | 129.30 | PASS | | | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1044.60 | 1019.60 | -483.47 | -9374.13 | 135.57 | 9395.68 | 77.54 | 122.68 | PASS | | | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1143.97 | 1118.97 | -483.47 | -9374.13 | 135.51 | 9403.66 | 81.58 | 116.63 | PASS | | | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1242.89 | 1217.89 | -483.47 | -9374.13 | 135.42 | 9414.13 | 85.68 | 111.11 | PASS | | | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1316.37 | 1291.37 | -483.47 | -9374.13 | 135.34 | 9423.56 | 88.76 | 107.32 | PASS | | | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1341.27 | 1316.27 | -483.47 | -9374.13 | 135.36 | 9427.00 | 89.81 | 106.09 | PASS | | | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1439.47 | 1414.47 | -483.47 | -9374.13 | 135.44 | 9440.58 | 93.96 | 101.50 | PASS | | | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1537.66 | 1512.66 | -483.47 | -9374.13 | 135.52 | 9454.17 | 98.16 | 97.26 | PASS | | | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1635.86 | 1610.86 | -483.47 | -9374.13 | 135.60 | 9467.79 | 102.39 | 93.33 | PASS | | | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1734.06 | 1709.06 | -483.47 | -9374.13 | 135.68 | 9481.42 | 106.66 | 89.70 | PASS | | | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1832.26 | 1807.26 | -483.47 | -9374.13 | 135.76 | 9495.07 | 110.66 | 86.35 | PASS | | | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1930.46 | 1905.46 | -483.47 | -9374.13 | 135.84 | 9508.73 | 114.92 | 83.25 | PASS | | | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2028.66 | 2003.66 | -483.47 | -9374.13 | 135.92 | 9522.42 | 119.20 | 80.36 | PASS | | | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2126.85 | 2101.85 | -483.47 | -9374.13 | 136.00 | 9536.12 | 123.51 | 77.65 | PASS | | | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2225.05 | 2200.05 | -483.47 | -9374.13 | 136.07 | 9549.84 | 127.85 | 75.11 | PASS | | | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2323.25 | 2298.25 | -483.47 | -9374.13 | 136.15 | 9563.58 | 132.21 | 72.72 | PASS | | | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2421.45 | 2396.45 | -483.47 | -9374.13 | 136.23 | 9577.33 | 136.59 | 70.48 | PASS | | | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2519.65 | 2494.65 | -483.47 | -9374.13 | 136.31 | 9591.11 | 141.00 | 68.36 | PASS | | | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2617.85 | 2592.85 | -483.47 | -9374.13 | 136.39 | 9604.90 | 145.42 | 66.37 | PASS | | | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2716.04 | 2691.04 | -483.47 | -9374.13 | 136.46 | 9618.71 | 149.86 | 64.48 | PASS | | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 14 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-33 AWB Offset Wellpath: EX. RUDOLPH 2-33 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2814.24 | 2789.24 | -483.47 | -9374.13 | 136.54 | 9632.53 | 154.33 | 62.70 | PASS |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2912.44 | 2887.44 | -483.47 | -9374.13 | 136.62 | 9646.37 | 158.81 | 61.01 | PASS |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3010.64 | 2985.64 | -483.47 | -9374.13 | 136.69 | 9660.23 | 163.30 | 59.41 | PASS |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3108.84 | 3083.84 | -483.47 | -9374.13 | 136.77 | 9674.11 | 167.81 | 57.89 | PASS |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3207.03 | 3182.03 | -483.47 | -9374.13 | 136.84 | 9688.00 | 172.34 | 56.44 | PASS |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3305.23 | 3280.23 | -483.47 | -9374.13 | 136.92 | 9701.91 | 176.88 | 55.07 | PASS |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3403.43 | 3378.43 | -483.47 | -9374.13 | 137.00 | 9715.84 | 181.44 | 53.75 | PASS |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3501.63 | 3476.63 | -483.47 | -9374.13 | 137.07 | 9729.79 | 186.01 | 52.50 | PASS |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3599.83 | 3574.83 | -483.47 | -9374.13 | 137.15 | 9743.75 | 190.59 | 51.31 | PASS |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3698.03 | 3673.03 | -483.47 | -9374.13 | 137.22 | 9757.72 | 195.19 | 50.17 | PASS |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3796.22 | 3771.22 | -483.47 | -9374.13 | 137.29 | 9771.72 | 199.80 | 49.08 | PASS |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3894.42 | 3869.42 | -483.47 | -9374.13 | 137.37 | 9785.73 | 204.42 | 48.03 | PASS |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3992.62 | 3967.62 | -483.47 | -9374.13 | 137.44 | 9799.76 | 209.05 | 47.03 | PASS |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4090.82 | 4065.82 | -483.47 | -9374.13 | 137.52 | 9813.80 | 213.69 | 46.07 | PASS |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4189.02 | 4164.02 | -483.47 | -9374.13 | 137.59 | 9827.86 | 218.35 | 45.15 | PASS |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4287.22 | 4262.22 | -483.47 | -9374.13 | 137.67 | 9841.93 | 223.01 | 44.27 | PASS |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4385.41 | 4360.41 | -483.47 | -9374.13 | 137.74 | 9856.03 | 227.68 | 43.42 | PASS |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4483.61 | 4458.61 | -483.47 | -9374.13 | 137.81 | 9870.13 | 232.37 | 42.60 | PASS |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4581.81 | 4556.81 | -483.47 | -9374.13 | 137.88 | 9884.26 | 237.06 | 41.82 | PASS |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4680.01 | 4655.01 | -483.47 | -9374.13 | 137.96 | 9898.40 | 241.76 | 41.06 | PASS |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4778.21 | 4753.21 | -483.47 | -9374.13 | 138.03 | 9912.55 | 246.47 | 40.33 | PASS |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4876.40 | 4851.40 | -483.47 | -9374.13 | 138.10 | 9926.72 | 251.19 | 39.63 | PASS |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4974.60 | 4949.60 | -483.47 | -9374.13 | 138.17 | 9940.91 | 255.91 | 38.95 | PASS |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5072.80 | 5047.80 | -483.47 | -9374.13 | 138.25 | 9955.11 | 260.64 | 38.30 | PASS |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5171.00 | 5146.00 | -483.47 | -9374.13 | 138.32 | 9969.33 | 265.38 | 37.66 | PASS |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5269.20 | 5244.20 | -483.47 | -9374.13 | 138.39 | 9983.57 | 270.13 | 37.05 | PASS |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5367.40 | 5342.40 | -483.47 | -9374.13 | 138.46 | 9997.82 | 274.89 | 36.46 | PASS |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5465.59 | 5440.59 | -483.47 | -9374.13 | 138.53 | 10012.08 | 279.65 | 35.89 | PASS |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5563.79 | 5538.79 | -483.47 | -9374.13 | 138.60 | 10026.36 | 284.41 | 35.34 | PASS |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5661.99 | 5636.99 | -483.47 | -9374.13 | 138.67 | 10040.66 | 289.19 | 34.80 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 15 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-33 AWP Offset Wellpath: EX. RUDOLPH 2-33 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5760.19 | 5735.19 | -483.47 | -9374.13 | 138.74 | 10054.97 | 293.97 | 34.28 | PASS | | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5858.39 | 5833.39 | -483.47 | -9374.13 | 138.82 | 10069.29 | 298.75 | 33.78 | PASS | | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5956.58 | 5931.58 | -483.47 | -9374.13 | 138.89 | 10083.63 | 303.54 | 33.30 | PASS | | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6054.78 | 6029.78 | -483.47 | -9374.13 | 138.96 | 10097.99 | 308.34 | 32.82 | PASS | | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6152.98 | 6127.98 | -483.47 | -9374.13 | 139.03 | 10112.36 | 313.14 | 32.36 | PASS | | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6251.18 | 6226.18 | -483.47 | -9374.13 | 139.09 | 10126.74 | 317.94 | 31.92 | PASS | | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6349.38 | 6324.38 | -483.47 | -9374.13 | 139.16 | 10141.14 | 322.76 | 31.49 | PASS | | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6447.58 | 6422.58 | -483.47 | -9374.13 | 139.23 | 10155.56 | 327.57 | 31.07 | PASS | | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6449.71 | 6424.71 | -483.47 | -9374.13 | 139.23 | 10155.87 | 327.68 | 31.06 | PASS | | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6546.44 | 6521.44 | -483.47 | -9374.13 | 86.13 | 10162.51 | 332.50 | 30.63 | PASS | | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6645.12 | 6620.12 | -483.47 | -9374.13 | 39.05 | 10153.82 | 337.81 | 30.12 | PASS | | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6741.17 | 6716.17 | -483.47 | -9374.13 | 23.74 | 10129.69 | 343.29 | 29.57 | PASS | | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6832.23 | 6807.23 | -483.47 | -9374.13 | 17.57 | 10090.72 | 348.28 | 29.03 | PASS | | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6916.06 | 6891.06 | -483.47 | -9374.13 | 14.57 | 10037.86 | 352.75 | 28.51 | PASS | | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 6990.59 | 6965.59 | -483.47 | -9374.13 | 13.07 | 9972.41 | 356.63 | 28.02 | PASS | | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7054.00 | 7029.00 | -483.47 | -9374.13 | 12.54 | 9895.99 | 359.85 | 27.55 | PASS | | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7104.71 | 7079.71 | -483.47 | -9374.13 | 12.95 | 9810.48 | 362.37 | 27.12 | PASS | | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7141.48 | 7116.48 | -483.47 | -9374.13 | 14.91 | 9717.96 | 364.14 | 26.74 | PASS | | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7163.41 | 7138.41 | -483.47 | -9374.13 | 22.08 | 9620.73 | 365.18 | 26.39 | PASS | | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7170.00 | 7145.00 | -483.47 | -9374.13 | 87.23 | 9530.34 | 365.49 | 26.12 | PASS | | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7170.02 | 7145.02 | -483.47 | -9374.13 | 87.23 | 9521.16 | 365.49 | 26.10 | PASS | | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7170.21 | 7145.21 | -483.47 | -9374.13 | 87.26 | 9421.24 | 365.50 | 25.82 | PASS | | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7170.41 | 7145.41 | -483.47 | -9374.13 | 87.29 | 9321.32 | 365.51 | 25.55 | PASS | | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7170.60 | 7145.60 | -483.47 | -9374.13 | 87.32 | 9221.41 | 365.53 | 25.27 | PASS | | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7170.80 | 7145.80 | -483.47 | -9374.13 | 87.34 | 9121.49 | 365.55 | 25.00 | PASS | | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7170.99 | 7145.99 | -483.47 | -9374.13 | 87.37 | 9021.58 | 365.57 | 24.72 | PASS | | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7171.18 | 7146.18 | -483.47 | -9374.13 | 87.40 | 8921.67 | 365.60 | 24.45 | PASS | | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7171.38 | 7146.38 | -483.47 | -9374.13 | 87.43 | 8821.77 | 365.62 | 24.17 | PASS | | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7171.57 | 7146.57 | -483.47 | -9374.13 | 87.46 | 8721.86 | 365.65 | 23.90 | PASS | | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7171.77 | 7146.77 | -483.47 | -9374.13 | 87.49 | 8621.96 | 365.69 | 23.62 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 16 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-33 AWP Offset Wellpath: EX. RUDOLPH 2-33 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7171.96 | 7146.96 | -483.47 | -9374.13 | 87.52 | 8522.06 | 365.72 | 23.35 | PASS | | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7172.16 | 7147.16 | -483.47 | -9374.13 | 87.55 | 8422.16 | 365.78 | 23.07 | PASS | | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7172.35 | 7147.35 | -483.47 | -9374.13 | 87.58 | 8322.26 | 365.80 | 22.79 | PASS | | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7172.54 | 7147.54 | -483.47 | -9374.13 | 87.61 | 8222.37 | 365.85 | 22.52 | PASS | | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7172.74 | 7147.74 | -483.47 | -9374.13 | 87.64 | 8122.48 | 365.90 | 22.24 | PASS | | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7172.93 | 7147.93 | -483.47 | -9374.13 | 87.66 | 8022.59 | 365.95 | 21.96 | PASS | | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7173.13 | 7148.13 | -483.47 | -9374.13 | 87.69 | 7922.71 | 366.00 | 21.69 | PASS | | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7173.32 | 7148.32 | -483.47 | -9374.13 | 87.72 | 7822.82 | 366.06 | 21.41 | PASS | | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7173.52 | 7148.52 | -483.47 | -9374.13 | 87.75 | 7722.95 | 366.12 | 21.13 | PASS | | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7173.71 | 7148.71 | -483.47 | -9374.13 | 87.78 | 7623.07 | 366.19 | 20.86 | PASS | | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7173.90 | 7148.90 | -483.47 | -9374.13 | 87.81 | 7523.20 | 366.26 | 20.58 | PASS | | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7174.10 | 7149.10 | -483.47 | -9374.13 | 87.84 | 7423.33 | 366.34 | 20.30 | PASS | | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7174.29 | 7149.29 | -483.47 | -9374.13 | 87.87 | 7323.46 | 366.42 | 20.02 | PASS | | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7174.49 | 7149.49 | -483.47 | -9374.13 | 87.90 | 7223.60 | 366.51 | 19.75 | PASS | | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7174.68 | 7149.68 | -483.47 | -9374.13 | 87.93 | 7123.74 | 366.60 | 19.47 | PASS | | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7174.88 | 7149.88 | -483.47 | -9374.13 | 87.96 | 7023.89 | 366.69 | 19.19 | PASS | | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7175.07 | 7150.07 | -483.47 | -9374.13 | 87.98 | 6924.04 | 366.80 | 18.91 | PASS | | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7175.26 | 7150.26 | -483.47 | -9374.13 | 88.01 | 6824.19 | 366.90 | 18.63 | PASS | | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7175.46 | 7150.46 | -483.47 | -9374.13 | 88.04 | 6724.35 | 367.02 | 18.36 | PASS | | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7175.65 | 7150.65 | -483.47 | -9374.13 | 88.07 | 6624.52 | 367.14 | 18.08 | PASS | | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7175.85 | 7150.85 | -483.47 | -9374.13 | 88.10 | 6524.68 | 367.27 | 17.80 | PASS | | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7176.04 | 7151.04 | -483.47 | -9374.13 | 88.13 | 6424.86 | 367.40 | 17.52 | PASS | | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7176.24 | 7151.24 | -483.47 | -9374.13 | 88.16 | 6325.04 | 367.55 | 17.24 | PASS | | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7176.43 | 7151.43 | -483.47 | -9374.13 | 88.19 | 6225.22 | 367.70 | 16.96 | PASS | | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7176.62 | 7151.62 | -483.47 | -9374.13 | 88.22 | 6125.41 | 367.86 | 16.68 | PASS | | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7176.82 | 7151.82 | -483.47 | -9374.13 | 88.25 | 6025.61 | 368.03 | 16.40 | PASS | | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7177.01 | 7152.01 | -483.47 | -9374.13 | 88.28 | 5925.82 | 368.21 | 16.12 | PASS | | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7177.21 | 7152.21 | -483.47 | -9374.13 | 88.31 | 5826.03 | 368.40 | 15.84 | PASS | | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7177.40 | 7152.40 | -483.47 | -9374.13 | 88.33 | 5726.25 | 368.60 | 15.56 | PASS | | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7177.60 | 7152.60 | -483.47 | -9374.13 | 88.36 | 5626.47 | 368.82 | 15.28 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 17 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-33 AWP Offset Wellpath: EX. RUDOLPH 2-33 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7177.79 | 7152.79 | -483.47 | -9374.13 | 88.39 | 5526.71 | 369.04 | 15.00 | PASS | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7177.98 | 7152.98 | -483.47 | -9374.13 | 88.42 | 5426.95 | 369.28 | 14.72 | PASS | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7178.18 | 7153.18 | -483.47 | -9374.13 | 88.45 | 5327.20 | 369.54 | 14.44 | PASS | |
| 11920.00† | 7153.37 | -821.33 | -4157.58 | 7178.37 | 7153.37 | -483.47 | -9374.13 | 88.48 | 5227.47 | 369.81 | 14.16 | PASS | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7178.57 | 7153.57 | -483.47 | -9374.13 | 88.51 | 5127.74 | 370.10 | 13.88 | PASS | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7178.76 | 7153.76 | -483.47 | -9374.13 | 88.54 | 5028.02 | 370.41 | 13.60 | PASS | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7178.96 | 7153.96 | -483.47 | -9374.13 | 88.57 | 4928.32 | 370.73 | 13.32 | PASS | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7179.15 | 7154.15 | -483.47 | -9374.13 | 88.60 | 4828.62 | 371.08 | 13.04 | PASS | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7179.35 | 7154.35 | -483.47 | -9374.13 | 88.63 | 4728.94 | 371.45 | 12.75 | PASS | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7179.54 | 7154.54 | -483.47 | -9374.13 | 88.66 | 4629.28 | 371.85 | 12.47 | PASS | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7179.73 | 7154.73 | -483.47 | -9374.13 | 88.68 | 4529.62 | 372.27 | 12.19 | PASS | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7179.93 | 7154.93 | -483.47 | -9374.13 | 88.71 | 4429.99 | 372.72 | 11.91 | PASS | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7180.12 | 7155.12 | -483.47 | -9374.13 | 88.74 | 4330.37 | 373.20 | 11.62 | PASS | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 7180.32 | 7155.32 | -483.47 | -9374.13 | 88.77 | 4230.77 | 373.72 | 11.34 | PASS | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 7180.51 | 7155.51 | -483.47 | -9374.13 | 88.80 | 4131.19 | 374.27 | 11.06 | PASS | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 7180.71 | 7155.71 | -483.47 | -9374.13 | 88.83 | 4031.62 | 374.86 | 10.77 | PASS | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 7180.90 | 7155.90 | -483.47 | -9374.13 | 88.86 | 3932.09 | 375.50 | 10.49 | PASS | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 7181.09 | 7156.09 | -483.47 | -9374.13 | 88.89 | 3832.57 | 376.18 | 10.21 | PASS | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 7181.29 | 7156.29 | -483.47 | -9374.13 | 88.92 | 3733.08 | 376.92 | 9.92 | PASS | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 7181.48 | 7156.48 | -483.47 | -9374.13 | 88.95 | 3633.62 | 377.72 | 9.64 | PASS | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 7181.68 | 7156.68 | -483.47 | -9374.13 | 88.98 | 3534.19 | 378.57 | 9.35 | PASS | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 7181.87 | 7156.87 | -483.47 | -9374.13 | 89.00 | 3434.79 | 379.50 | 9.07 | PASS | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 7182.07 | 7157.07 | -483.47 | -9374.13 | 89.03 | 3335.43 | 380.50 | 8.78 | PASS | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 7182.26 | 7157.26 | -483.47 | -9374.13 | 89.06 | 3236.11 | 381.59 | 8.49 | PASS | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 7182.45 | 7157.45 | -483.47 | -9374.13 | 89.09 | 3136.83 | 382.77 | 8.21 | PASS | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 7182.65 | 7157.65 | -483.47 | -9374.13 | 89.12 | 3037.59 | 384.05 | 7.92 | PASS | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 7182.84 | 7157.84 | -483.47 | -9374.13 | 89.15 | 2938.41 | 385.45 | 7.64 | PASS | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 7183.04 | 7158.04 | -483.47 | -9374.13 | 89.18 | 2839.29 | 386.98 | 7.35 | PASS | |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 7183.23 | 7158.23 | -483.47 | -9374.13 | 89.21 | 2740.23 | 388.64 | 7.06 | PASS | |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 7183.43 | 7158.43 | -483.47 | -9374.13 | 89.24 | 2641.24 | 390.47 | 6.77 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 18 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-33 AWB Offset Wellpath: EX. RUDOLPH 2-33 AWP

| Facility: SEC.02-T05N-R67W | | | | | | Slot: SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) | | Well: EX. RUDOLPH 2-33 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | |
|----------------------------|-----------------|-------------------|------------------|-------------------|--------------------|--|---------------------|----------------------------|---------------------------|--|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 7183.62 | 7158.62 | -483.47 | -9374.13 | 89.27 | 2542.34 | 392.48 | 6.49 | PASS | |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 7183.81 | 7158.81 | -483.47 | -9374.13 | 89.30 | 2443.52 | 394.69 | 6.20 | PASS | |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 7184.01 | 7159.01 | -483.47 | -9374.13 | 89.33 | 2344.80 | 397.13 | 5.91 | PASS | |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 7184.20 | 7159.20 | -483.47 | -9374.13 | 89.35 | 2246.19 | 399.82 | 5.63 | PASS | |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 7184.40 | 7159.40 | -483.47 | -9374.13 | 89.38 | 2147.71 | 402.82 | 5.34 | PASS | |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 7184.59 | 7159.59 | -483.47 | -9374.13 | 89.41 | 2049.38 | 406.15 | 5.05 | PASS | |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 7184.79 | 7159.79 | -483.47 | -9374.13 | 89.44 | 1951.22 | 409.87 | 4.77 | PASS | |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 7184.98 | 7159.98 | -483.47 | -9374.13 | 89.47 | 1853.25 | 414.04 | 4.48 | PASS | |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 7185.17 | 7160.17 | -483.47 | -9374.13 | 89.50 | 1755.52 | 418.74 | 4.20 | PASS | |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 7185.37 | 7160.37 | -483.47 | -9374.13 | 89.53 | 1658.06 | 424.05 | 3.91 | PASS | |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 7185.56 | 7160.56 | -483.47 | -9374.13 | 89.56 | 1560.91 | 430.09 | 3.63 | PASS | |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 7185.76 | 7160.76 | -483.47 | -9374.13 | 89.59 | 1464.15 | 436.99 | 3.35 | PASS | |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 7185.95 | 7160.95 | -483.47 | -9374.13 | 89.62 | 1367.86 | 444.92 | 3.08 | PASS | |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 7186.15 | 7161.15 | -483.47 | -9374.13 | 89.65 | 1272.14 | 454.11 | 2.80 | PASS | |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 7186.34 | 7161.34 | -483.47 | -9374.13 | 89.68 | 1177.13 | 464.82 | 2.53 | PASS | |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 7186.53 | 7161.53 | -483.47 | -9374.13 | 89.70 | 1083.02 | 477.41 | 2.27 | PASS | |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 7186.73 | 7161.73 | -483.47 | -9374.13 | 89.73 | 990.06 | 492.34 | 2.01 | PASS | |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 7186.92 | 7161.92 | -483.47 | -9374.13 | 89.76 | 898.62 | 510.21 | 1.76 | PASS | |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 7187.12 | 7162.12 | -483.47 | -9374.13 | 89.79 | 809.21 | 531.77 | 1.52 | PASS | |
| 16520.00† | 7162.31 | -860.01 | -8757.42 | 7187.31 | 7162.31 | -483.47 | -9374.13 | 89.82 | 722.58 | 557.99 | 1.30 | PASS | |
| 16620.00† | 7162.51 | -860.85 | -8857.42 | 7187.51 | 7162.51 | -483.47 | -9374.13 | 89.85 | 639.85 | 589.92 | 1.08 | PASS | |
| 16720.00† | 7162.70 | -861.69 | -8957.41 | 7187.70 | 7162.70 | -483.47 | -9374.13 | 89.88 | 562.77 | 628.49 | 0.90 | FAIL | |
| 16820.00† | 7162.90 | -862.53 | -9057.41 | 7187.90 | 7162.90 | -483.47 | -9374.13 | 89.91 | 493.97 | 673.62 | 0.73 | FAIL | |
| 16920.00† | 7163.09 | -863.37 | -9157.40 | 7188.09 | 7163.09 | -483.47 | -9374.13 | 89.94 | 437.38 | 722.21 | 0.61 | FAIL | |
| 17020.00† | 7163.28 | -864.22 | -9257.40 | 7188.28 | 7163.28 | -483.47 | -9374.13 | 89.97 | 398.24 | 765.34 | 0.52 | FAIL | |
| 17120.00† | 7163.48 | -865.06 | -9357.40 | 7188.48 | 7163.48 | -483.47 | -9374.13 | 90.00 | 381.96 | 788.63 | 0.48 | FAIL | |
| 17133.55† | 7163.50 | -865.17 | -9370.95 | 7188.50 | 7163.50 | -483.47 | -9374.13 | 90.00 | 381.72 | 789.55 | 0.48 | FAIL | |
| 17138.95† | 7163.51 | -865.22 | -9376.34 | 7188.51 | 7163.51 | -483.47 | -9374.13 | 90.00 | 381.76 | 789.75 | 0.48 | FAIL | |
| 17220.00† | 7163.67 | -865.90 | -9457.39 | 7188.67 | 7163.67 | -483.47 | -9374.13 | 90.03 | 391.39 | 782.08 | 0.50 | FAIL | |
| 17320.00† | 7163.87 | -866.74 | -9557.39 | 7188.87 | 7163.87 | -483.47 | -9374.13 | 90.05 | 424.83 | 750.57 | 0.57 | FAIL | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-33 AWB Offset Wellpath: EX. RUDOLPH 2-33 AWP | | | | | | | | | | | | |
|--|--------------|----------------|---------------|--|-----------------|-------------------|------------------|-------------------------|---------------------|--|-----------|------------|
| Facility: SEC.02-T05N-R67W | | | | Slot: SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) | | | | Well: EX. RUDOLPH 2-33 | | Threshold Value=1.00 † = interpolated/extrapolated station | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 17388.56 | 7164.00 | -867.31 | -9625.94 | 7189.00 | 7164.00 | -483.47 | -9374.13 | 90.07 | 459.08 | 721.78 | 0.64 | FAIL |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. RUDOLPH 2-33 AWB Offset Wellpath: EX. RUDOLPH 2-33 AWP | | | | |
|---|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. RUDOLPH 2-33 AWB Offset Wellpath: EX. RUDOLPH 2-33 AWP | | | | |
|--|-------------|--|--|----------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7378.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7378> | EX. RUDOLPH 2-33 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. RUDOLPH 2-33 AWB Offset Wellpath: EX. RUDOLPH 2-33 AWP | |
|---|---|
| MD Reference: Rig on SLOT#03 EX. RUDOLPH 2-33 (740'FSL & 640'FWL, NB-CD/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2C-L Threshold Value=1.00 † = interpolated/extrapolated st | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|--------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | AC Sta |
| 20.00 | 20.00 | 0.00 | 0.00 | 20.00 | 20.00 | 40.07 | -0.31 | -0.44 | 40.08 | 1.56 | 65.19 | PA |
| 120.00† | 120.00 | 0.00 | 0.00 | 120.00 | 120.00 | 40.07 | -0.31 | -0.44 | 40.08 | 1.88 | 42.52 | PA |
| 220.00† | 220.00 | 0.00 | 0.00 | 220.00 | 220.00 | 40.07 | -0.31 | -0.44 | 40.08 | 2.45 | 26.29 | PA |
| 320.00† | 320.00 | 0.00 | 0.00 | 320.00 | 320.00 | 40.07 | -0.31 | -0.44 | 40.08 | 3.05 | 18.71 | PA |
| 420.00† | 420.00 | 0.00 | 0.00 | 420.00 | 420.00 | 40.07 | -0.31 | -0.44 | 40.08 | 3.67 | 14.46 | PA |
| 520.00† | 520.00 | 0.00 | 0.00 | 520.00 | 520.00 | 40.07 | -0.31 | -0.44 | 40.08 | 4.29 | 11.77 | PA |
| 620.00† | 620.00 | 0.00 | 0.00 | 620.00 | 620.00 | 40.07 | -0.31 | -0.44 | 40.08 | 4.91 | 9.91 | PA |
| 720.00† | 720.00 | 0.00 | 0.00 | 720.28 | 720.27 | 39.82 | 0.52 | 0.74 | 39.83 | 5.53 | 8.50 | PA |
| 750.00 | 750.00 | 0.00 | 0.00 | 750.38 | 750.36 | 39.56 | 1.37 | 1.99 | 39.59 | 5.73 | 8.11 | PA |
| 805.10† | 805.10 | -0.35 | 0.40 | 805.56 | 805.49 | 38.84 | 3.73 | -126.55 | 39.33 | 6.08 | 7.49 | PA |
| 820.00† | 819.99 | -0.57 | 0.64 | 820.55 | 820.45 | 38.59 | 4.54 | -125.72 | 39.35 | 6.18 | 7.36 | PA |
| 920.00† | 919.90 | -3.33 | 3.78 | 920.67 | 920.26 | 36.34 | 11.91 | -119.81 | 40.50 | 6.89 | 6.68 | PA |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1020.59 | 1019.56 | 33.08 | 22.58 | -113.85 | 43.49 | 7.61 | 6.39 | PA |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1120.38 | 1118.36 | 28.97 | 36.01 | -109.13 | 48.28 | 8.36 | 6.40 | PA |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1220.19 | 1217.12 | 24.77 | 49.75 | -108.45 | 54.39 | 9.17 | 6.51 | PA |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1294.62 | 1290.78 | 21.64 | 60.00 | -110.08 | 59.70 | 9.81 | 6.64 | PA |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1319.89 | 1315.79 | 20.58 | 63.48 | -110.89 | 61.63 | 10.03 | 6.70 | PA |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1419.54 | 1414.40 | 16.39 | 77.20 | -113.63 | 69.35 | 10.88 | 6.89 | PA |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1519.20 | 1513.01 | 12.19 | 90.91 | -115.83 | 77.20 | 11.75 | 7.07 | PA |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1618.85 | 1611.63 | 8.00 | 104.63 | -117.61 | 85.13 | 12.62 | 7.22 | PA |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1718.50 | 1710.24 | 3.81 | 118.35 | -119.09 | 93.14 | 13.49 | 7.36 | PA |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1818.15 | 1808.86 | -0.39 | 132.07 | -120.34 | 101.20 | 13.73 | 7.71 | PA |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1917.81 | 1907.47 | -4.58 | 145.79 | -121.40 | 109.29 | 13.91 | 8.23 | PA |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2017.46 | 2006.09 | -8.77 | 159.51 | -122.32 | 117.42 | 14.17 | 8.67 | PA |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2117.11 | 2104.70 | -12.97 | 173.23 | -123.11 | 125.58 | 14.52 | 9.04 | PA |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2216.76 | 2203.32 | -17.16 | 186.95 | -123.81 | 133.76 | 14.95 | 9.34 | PA |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2316.42 | 2301.93 | -21.35 | 200.67 | -124.43 | 141.95 | 15.45 | 9.58 | PA |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2416.07 | 2400.55 | -25.55 | 214.38 | -124.98 | 150.16 | 16.01 | 9.76 | PA |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2515.72 | 2499.16 | -29.74 | 228.10 | -125.47 | 158.38 | 16.64 | 9.90 | PA |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2615.37 | 2597.78 | -33.93 | 241.82 | -125.92 | 166.61 | 17.32 | 9.99 | PA |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2C-L Threshold Value=1.00 † = interpolated/extrapolated st | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|--------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | AC Sta |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2715.03 | 2696.39 | -38.13 | 255.54 | -126.32 | 174.85 | 18.04 | 10.05 | PA |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2814.68 | 2795.01 | -42.32 | 269.26 | -126.69 | 183.10 | 18.81 | 10.08 | PA |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2914.33 | 2893.62 | -46.51 | 282.98 | -127.02 | 191.36 | 19.61 | 10.08 | PA |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3013.99 | 2992.24 | -50.71 | 296.70 | -127.33 | 199.62 | 20.45 | 10.08 | PA |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3113.64 | 3090.85 | -54.90 | 310.42 | -127.61 | 207.89 | 21.31 | 10.06 | PA |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3213.29 | 3189.46 | -59.09 | 324.14 | -127.88 | 216.16 | 22.20 | 10.02 | PA |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3312.94 | 3288.08 | -63.29 | 337.85 | -128.12 | 224.43 | 23.11 | 9.99 | PA |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3412.60 | 3386.69 | -67.48 | 351.57 | -128.34 | 232.71 | 24.04 | 9.94 | PA |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3512.25 | 3485.31 | -71.67 | 365.29 | -128.55 | 240.99 | 24.98 | 9.90 | PA |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3611.90 | 3583.92 | -75.86 | 379.01 | -128.75 | 249.28 | 25.95 | 9.85 | PA |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3711.55 | 3682.54 | -80.06 | 392.73 | -128.93 | 257.57 | 26.92 | 9.80 | PA |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3811.21 | 3781.15 | -84.25 | 406.45 | -129.10 | 265.86 | 27.91 | 9.75 | PA |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3910.86 | 3879.77 | -88.44 | 420.17 | -129.26 | 274.15 | 28.91 | 9.70 | PA |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4010.51 | 3978.38 | -92.64 | 433.89 | -129.41 | 282.45 | 29.91 | 9.65 | PA |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4110.16 | 4077.00 | -96.83 | 447.61 | -129.56 | 290.74 | 30.93 | 9.60 | PA |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4209.82 | 4175.61 | -101.02 | 461.32 | -129.69 | 299.04 | 31.95 | 9.55 | PA |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4309.47 | 4274.23 | -105.22 | 475.04 | -129.82 | 307.34 | 32.99 | 9.50 | PA |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4409.12 | 4372.84 | -109.41 | 488.76 | -129.94 | 315.64 | 34.02 | 9.45 | PA |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4508.78 | 4471.46 | -113.60 | 502.48 | -130.06 | 323.95 | 35.07 | 9.41 | PA |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4608.43 | 4570.07 | -117.80 | 516.20 | -130.16 | 332.25 | 36.12 | 9.36 | PA |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4708.08 | 4668.69 | -121.99 | 529.92 | -130.27 | 340.55 | 37.17 | 9.32 | PA |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4807.73 | 4767.30 | -126.18 | 543.64 | -130.37 | 348.86 | 38.23 | 9.28 | PA |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4907.39 | 4865.92 | -130.38 | 557.36 | -130.46 | 357.17 | 39.29 | 9.24 | PA |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5007.04 | 4964.53 | -134.57 | 571.08 | -130.55 | 365.48 | 40.36 | 9.20 | PA |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5106.69 | 5063.14 | -138.76 | 584.79 | -130.64 | 373.78 | 41.43 | 9.16 | PA |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5206.34 | 5161.76 | -142.96 | 598.51 | -130.72 | 382.09 | 42.51 | 9.12 | PA |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5306.00 | 5260.37 | -147.15 | 612.23 | -130.80 | 390.41 | 43.58 | 9.09 | PA |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5405.65 | 5358.99 | -151.34 | 625.95 | -130.87 | 398.72 | 44.66 | 9.06 | PA |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5505.30 | 5457.60 | -155.54 | 639.67 | -130.95 | 407.03 | 45.75 | 9.02 | PA |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5604.95 | 5556.22 | -159.73 | 653.39 | -131.02 | 415.34 | 46.83 | 8.99 | PA |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2C-L Threshold Value=1.00 † = interpolated/extrapolated st | | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|-----------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | AC Sta | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5704.61 | 5654.83 | -163.92 | 667.11 | -131.08 | 423.65 | 47.92 | 8.96 | PA | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5804.26 | 5753.45 | -168.11 | 680.83 | -131.15 | 431.97 | 49.01 | 8.93 | PA | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5903.91 | 5852.06 | -172.31 | 694.55 | -131.21 | 440.28 | 50.10 | 8.90 | PA | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 6003.57 | 5950.68 | -176.50 | 708.26 | -131.27 | 448.60 | 51.19 | 8.87 | PA | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6103.22 | 6049.29 | -180.69 | 721.98 | -131.32 | 456.91 | 52.29 | 8.85 | PA | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6202.87 | 6147.91 | -184.89 | 735.70 | -131.38 | 465.23 | 53.38 | 8.82 | PA | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6302.52 | 6246.52 | -189.08 | 749.42 | -131.43 | 473.54 | 54.48 | 8.79 | PA | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6405.09 | 6348.07 | -193.47 | 763.19 | -131.53 | 481.80 | 55.60 | 8.76 | PA | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6518.62 | 6461.18 | -200.83 | 765.13 | -133.19 | 488.08 | 56.84 | 8.68 | PA | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6521.03 | 6463.58 | -201.03 | 764.96 | -133.25 | 488.19 | 56.87 | 8.68 | PA | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6627.13 | 6567.77 | -211.20 | 748.48 | 170.51 | 492.25 | 58.40 | 8.52 | PA | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6731.55 | 6666.00 | -223.97 | 715.81 | 120.39 | 494.56 | 59.80 | 8.36 | PA | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6832.05 | 6754.03 | -238.53 | 669.78 | 102.21 | 495.04 | 61.41 | 8.14 | PA | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6928.93 | 6830.75 | -254.31 | 612.94 | 93.37 | 493.71 | 62.95 | 7.92 | PA | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 7022.50 | 6895.60 | -270.85 | 547.66 | 87.85 | 490.59 | 64.79 | 7.64 | PA | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7113.13 | 6948.39 | -287.74 | 476.05 | 83.98 | 485.67 | 67.00 | 7.32 | PA | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7201.19 | 6989.21 | -304.64 | 399.95 | 81.11 | 478.99 | 69.64 | 6.94 | PA | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7287.05 | 7018.33 | -321.28 | 320.98 | 78.97 | 470.57 | 72.88 | 6.51 | PA | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7371.08 | 7036.09 | -337.42 | 240.52 | 77.42 | 460.45 | 76.26 | 6.08 | PA | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7453.64 | 7042.90 | -352.86 | 159.77 | 76.41 | 448.70 | 80.07 | 5.64 | PA | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7540.39 | 7042.85 | -368.68 | 74.47 | 76.22 | 435.62 | 84.20 | 5.21 | PA | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7549.44 | 7042.83 | -370.33 | 65.57 | 76.16 | 434.07 | 84.65 | 5.16 | PA | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7647.91 | 7042.64 | -388.27 | -31.25 | 75.54 | 417.28 | 89.80 | 4.68 | PA | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7746.39 | 7042.44 | -406.22 | -128.08 | 74.87 | 400.54 | 95.40 | 4.22 | PA | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7844.46 | 7042.24 | -424.09 | -224.51 | 74.14 | 383.86 | 101.31 | 3.81 | PA | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7932.14 | 7042.07 | -438.65 | -310.97 | 73.49 | 368.80 | 107.27 | 3.45 | PA | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 8021.10 | 7041.89 | -450.72 | -399.10 | 72.92 | 356.70 | 113.53 | 3.16 | PA | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 8120.45 | 7041.69 | -462.83 | -497.72 | 72.30 | 345.98 | 120.33 | 2.89 | PA | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 8219.81 | 7041.49 | -474.94 | -596.33 | 71.65 | 335.30 | 127.24 | 2.64 | PA | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 8318.89 | 7041.29 | -487.01 | -694.67 | 70.96 | 324.67 | 134.21 | 2.43 | PA | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0) | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|-------------------------------------|-----------------|-------------------|------------------|---|---------------------|---------------|-----------|--------|--|
| Facility: SEC.01-T05N-R67W Slot: SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) | | | | Well: GREELEY-ROTH FEDERAL 13N-2C-L | | | | Threshold Value=1.00 † = interpolated/extrapolated st | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | At Sta | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 8408.92 | 7041.11 | -496.50 | -784.20 | 70.38 | 315.63 | 141.00 | 2.24 | PA | |
| 8620.00† | 7146.98 | -793.58 | -857.71 | 8499.42 | 7040.93 | -503.19 | -874.44 | 69.94 | 309.59 | 147.93 | 2.10 | PA | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 8590.20 | 7040.74 | -507.04 | -965.14 | 69.68 | 306.54 | 155.01 | 1.98 | PA | |
| 8820.00† | 7147.33 | -795.26 | -1057.71 | 8686.32 | 7040.55 | -508.56 | -1061.25 | 69.57 | 305.97 | 162.58 | 1.89 | PA | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 8786.32 | 7040.35 | -509.87 | -1161.23 | 69.47 | 305.67 | 170.49 | 1.80 | PA | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 8886.31 | 7040.15 | -511.18 | -1261.22 | 69.37 | 305.37 | 178.45 | 1.71 | PA | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 8986.31 | 7039.95 | -512.49 | -1361.21 | 69.27 | 305.07 | 186.47 | 1.64 | PA | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 9086.31 | 7039.75 | -513.80 | -1461.20 | 69.17 | 304.77 | 194.52 | 1.57 | PA | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 9186.31 | 7039.55 | -515.11 | -1561.19 | 69.07 | 304.48 | 202.60 | 1.50 | PA | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 9286.31 | 7039.35 | -516.42 | -1661.18 | 68.97 | 304.18 | 210.72 | 1.45 | PA | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 9386.30 | 7039.15 | -517.72 | -1761.17 | 68.87 | 303.89 | 218.85 | 1.39 | PA | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 9486.30 | 7038.94 | -519.03 | -1861.16 | 68.76 | 303.59 | 227.00 | 1.34 | PA | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 9586.30 | 7038.74 | -520.34 | -1961.15 | 68.66 | 303.30 | 235.17 | 1.29 | PA | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 9686.30 | 7038.54 | -521.65 | -2061.14 | 68.56 | 303.01 | 243.35 | 1.25 | PA | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 9786.30 | 7038.34 | -522.96 | -2161.13 | 68.46 | 302.72 | 251.54 | 1.20 | PA | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 9886.30 | 7038.14 | -524.27 | -2261.12 | 68.36 | 302.43 | 259.74 | 1.16 | PA | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 9986.29 | 7037.94 | -525.58 | -2361.11 | 68.26 | 302.14 | 267.95 | 1.13 | PA | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 10086.29 | 7037.74 | -526.89 | -2461.10 | 68.15 | 301.85 | 276.16 | 1.09 | PA | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 10186.29 | 7037.54 | -528.20 | -2561.09 | 68.05 | 301.56 | 284.37 | 1.06 | PA | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 10286.29 | 7037.34 | -529.50 | -2661.07 | 67.95 | 301.28 | 292.58 | 1.03 | PA | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 10386.29 | 7037.14 | -530.81 | -2761.06 | 67.84 | 300.99 | 300.80 | 1.00 | PA | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 10486.28 | 7036.94 | -532.12 | -2861.05 | 67.74 | 300.71 | 309.01 | 0.97 | FA | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 10586.28 | 7036.74 | -533.43 | -2961.04 | 67.64 | 300.42 | 317.22 | 0.95 | FA | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 10686.28 | 7036.54 | -534.74 | -3061.03 | 67.53 | 300.14 | 325.42 | 0.92 | FA | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 10786.28 | 7036.34 | -536.05 | -3161.02 | 67.43 | 299.86 | 333.62 | 0.90 | FA | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 10886.28 | 7036.14 | -537.36 | -3261.01 | 67.32 | 299.58 | 341.82 | 0.88 | FA | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 10986.27 | 7035.93 | -538.67 | -3361.00 | 67.22 | 299.30 | 350.01 | 0.85 | FA | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 11086.27 | 7035.73 | -539.98 | -3460.99 | 67.12 | 299.02 | 358.20 | 0.83 | FA | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 11186.27 | 7035.53 | -541.29 | -3560.98 | 67.01 | 298.75 | 366.38 | 0.82 | FA | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 11286.27 | 7035.33 | -542.59 | -3660.97 | 66.91 | 298.47 | 374.55 | 0.80 | FA | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2C-L Threshold Value=1.00 † = interpolated/extrapolated st | | | | | | | | | | | | | At Sta |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|----|--------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 11386.27 | 7035.13 | -543.90 | -3760.96 | 66.80 | 298.20 | 382.71 | 0.78 | FA | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 11486.27 | 7034.93 | -545.21 | -3860.95 | 66.70 | 297.92 | 390.87 | 0.76 | FA | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 11586.26 | 7034.73 | -546.52 | -3960.94 | 66.59 | 297.65 | 399.01 | 0.75 | FA | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 11686.26 | 7034.53 | -547.83 | -4060.93 | 66.48 | 297.38 | 407.15 | 0.73 | FA | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 11786.26 | 7034.33 | -549.14 | -4160.92 | 66.38 | 297.10 | 415.28 | 0.71 | FA | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 11886.26 | 7034.13 | -550.45 | -4260.90 | 66.27 | 296.83 | 423.42 | 0.70 | FA | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 11986.26 | 7033.93 | -551.76 | -4360.89 | 66.17 | 296.57 | 431.50 | 0.69 | FA | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 12086.25 | 7033.73 | -553.07 | -4460.88 | 66.06 | 296.30 | 439.60 | 0.67 | FA | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 12186.25 | 7033.53 | -554.37 | -4560.87 | 65.95 | 296.03 | 447.68 | 0.66 | FA | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 12286.25 | 7033.33 | -555.68 | -4660.86 | 65.85 | 295.76 | 455.75 | 0.65 | FA | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 12386.25 | 7033.12 | -556.99 | -4760.85 | 65.74 | 295.50 | 463.81 | 0.64 | FA | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 12486.25 | 7032.92 | -558.30 | -4860.84 | 65.63 | 295.24 | 471.86 | 0.63 | FA | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 12586.24 | 7032.72 | -559.61 | -4960.83 | 65.53 | 294.97 | 479.90 | 0.61 | FA | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 12686.24 | 7032.52 | -560.92 | -5060.82 | 65.42 | 294.71 | 487.92 | 0.60 | FA | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 12786.24 | 7032.32 | -562.23 | -5160.81 | 65.31 | 294.45 | 495.93 | 0.59 | FA | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 12886.24 | 7032.12 | -563.54 | -5260.80 | 65.20 | 294.19 | 503.93 | 0.58 | FA | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 12986.24 | 7031.92 | -564.85 | -5360.79 | 65.09 | 293.93 | 511.91 | 0.57 | FA | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 13086.24 | 7031.72 | -566.15 | -5460.78 | 64.99 | 293.67 | 519.89 | 0.56 | FA | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 13186.23 | 7031.52 | -567.46 | -5560.77 | 64.88 | 293.42 | 527.84 | 0.56 | FA | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 13286.23 | 7031.32 | -568.77 | -5660.76 | 64.77 | 293.16 | 535.78 | 0.55 | FA | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 13381.37 | 7031.13 | -569.54 | -5755.89 | 64.70 | 293.38 | 543.48 | 0.54 | FA | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 13473.42 | 7030.94 | -567.58 | -5847.91 | 64.87 | 296.22 | 551.54 | 0.54 | FA | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 13573.33 | 7030.74 | -564.10 | -5947.76 | 65.15 | 300.32 | 561.11 | 0.53 | FA | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 13673.23 | 7030.54 | -560.61 | -6047.60 | 65.42 | 304.41 | 570.67 | 0.53 | FA | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 13773.14 | 7030.34 | -557.12 | -6147.45 | 65.69 | 308.52 | 580.23 | 0.53 | FA | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 13873.04 | 7030.14 | -553.64 | -6247.29 | 65.95 | 312.63 | 589.77 | 0.53 | FA | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 13972.95 | 7029.94 | -550.15 | -6347.14 | 66.21 | 316.75 | 599.32 | 0.53 | FA | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 14072.85 | 7029.74 | -546.66 | -6446.98 | 66.45 | 320.88 | 608.85 | 0.53 | FA | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 14172.76 | 7029.54 | -543.18 | -6546.83 | 66.69 | 325.01 | 618.38 | 0.53 | FA | |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 14272.66 | 7029.34 | -539.69 | -6646.67 | 66.93 | 329.14 | 627.90 | 0.52 | FA | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2C-L Threshold Value=1.00 † = interpolated/extrapolated st | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|--------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | At Sta |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 14372.57 | 7029.14 | -536.20 | -6746.51 | 67.16 | 333.28 | 637.42 | 0.52 | FA |
| 14589.78† | 7158.56 | -843.78 | -6827.27 | 14442.19 | 7029.00 | -533.77 | -6816.09 | 67.32 | 336.18 | 644.04 | 0.52 | FA |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 14469.42 | 7028.94 | -532.69 | -6843.30 | 67.39 | 337.57 | 646.47 | 0.52 | FA |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 14567.86 | 7028.75 | -527.88 | -6941.63 | 67.69 | 343.01 | 656.11 | 0.52 | FA |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 14667.70 | 7028.55 | -522.97 | -7041.34 | 67.99 | 348.49 | 665.98 | 0.52 | FA |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 14767.53 | 7028.36 | -518.06 | -7141.05 | 68.28 | 353.98 | 675.83 | 0.52 | FA |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 14867.37 | 7028.16 | -513.15 | -7240.76 | 68.56 | 359.48 | 685.66 | 0.52 | FA |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 14967.20 | 7027.96 | -508.24 | -7340.48 | 68.83 | 364.98 | 695.46 | 0.52 | FA |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 15067.03 | 7027.76 | -503.34 | -7440.19 | 69.10 | 370.50 | 705.25 | 0.52 | FA |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 15166.87 | 7027.57 | -498.43 | -7539.90 | 69.36 | 376.02 | 715.02 | 0.53 | FA |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 15266.70 | 7027.37 | -493.52 | -7639.61 | 69.61 | 381.55 | 724.78 | 0.53 | FA |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 15366.53 | 7027.17 | -488.61 | -7739.33 | 69.85 | 387.08 | 734.51 | 0.53 | FA |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 15466.37 | 7026.98 | -483.70 | -7839.04 | 70.08 | 392.62 | 744.24 | 0.53 | FA |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 15566.20 | 7026.78 | -478.80 | -7938.75 | 70.31 | 398.17 | 753.94 | 0.53 | FA |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 15666.03 | 7026.58 | -473.89 | -8038.47 | 70.54 | 403.73 | 763.63 | 0.53 | FA |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 15765.87 | 7026.39 | -468.98 | -8138.18 | 70.75 | 409.29 | 773.31 | 0.53 | FA |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 15865.70 | 7026.19 | -464.07 | -8237.89 | 70.96 | 414.85 | 782.97 | 0.53 | FA |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 15965.53 | 7025.99 | -459.17 | -8337.60 | 71.17 | 420.43 | 792.62 | 0.53 | FA |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 16065.37 | 7025.80 | -454.26 | -8437.32 | 71.37 | 426.00 | 802.26 | 0.53 | FA |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 16165.20 | 7025.60 | -449.35 | -8537.03 | 71.56 | 431.58 | 811.89 | 0.53 | FA |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 16265.03 | 7025.40 | -444.44 | -8636.74 | 71.75 | 437.17 | 821.51 | 0.53 | FA |
| 16520.00† | 7162.31 | -860.01 | -8757.42 | 16364.87 | 7025.21 | -439.53 | -8736.45 | 71.94 | 442.76 | 831.11 | 0.53 | FA |
| 16620.00† | 7162.51 | -860.85 | -8857.42 | 16464.70 | 7025.01 | -434.63 | -8836.17 | 72.12 | 448.36 | 840.70 | 0.53 | FA |
| 16720.00† | 7162.70 | -861.69 | -8957.41 | 16564.53 | 7024.81 | -429.72 | -8935.88 | 72.30 | 453.96 | 850.29 | 0.53 | FA |
| 16820.00† | 7162.90 | -862.53 | -9057.41 | 16664.37 | 7024.61 | -424.81 | -9035.59 | 72.47 | 459.56 | 859.86 | 0.53 | FA |
| 16920.00† | 7163.09 | -863.37 | -9157.40 | 16764.20 | 7024.42 | -419.90 | -9135.30 | 72.63 | 465.17 | 869.43 | 0.53 | FA |
| 17020.00† | 7163.28 | -864.22 | -9257.40 | 16864.03 | 7024.22 | -414.99 | -9235.02 | 72.80 | 470.79 | 878.99 | 0.54 | FA |
| 17120.00† | 7163.48 | -865.06 | -9357.40 | 16963.87 | 7024.02 | -410.09 | -9334.73 | 72.96 | 476.40 | 888.53 | 0.54 | FA |
| 17220.00† | 7163.67 | -865.90 | -9457.39 | 17063.70 | 7023.83 | -405.18 | -9434.44 | 73.11 | 482.02 | 898.07 | 0.54 | FA |
| 17320.00† | 7163.87 | -866.74 | -9557.39 | 17163.53 | 7023.63 | -400.27 | -9534.15 | 73.27 | 487.65 | 907.61 | 0.54 | FA |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | | | |
|-----------------------------------|---------------------------------|--|----------|--|--|
| Operator | SRC ENERGY | | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) | |
| Area | COLORADO | | Well | GREELEY-ROTH 34C-2-L | |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | | Wellbore | GREELEY-ROTH 34C-2-L PWB | |
| Facility | SEC.01-T05N-R67W | | | | |

| CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0) | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|--------|--|
| Facility: SEC.01-T05N-R67W Slot: SLOT#22 GREELEY-ROTH FEDERAL 13N-2C-L (983'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2C-L Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | At Sta | |
| 17388.56 | 7164.00 | -867.31 | -9625.94 | 17231.98 | 7023.50 | -396.91 | -9602.51 | 73.37 | 491.50 | 914.14 | 0.54 | F | |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0) | | | | | |
|--|--|--|------------|---------|----------|
| Slot Surface Uncertainty @1SD | | | Horizontal | 0.100ft | Vertical |
| Facility Surface Uncertainty @1SD | | | Horizontal | 8.200ft | Vertical |
| | | | | | 3.000ft |

| HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0) | | | | | | | | | |
|--|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 20.00 | 1741.42 | 24.43 | -0.19 | 12.97 | 37.30 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 20.00 | 1741.42 | 24.43 | -0.19 | 12.97 | 37.30 |
| 8.5in Open Hole | 20.00 | 17483.31 | 17463.31 | 20.00 | 7023.00 | 24.43 | -0.19 | -105.00 | -3003.45 |

| SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0) | | | | | |
|--|-------------|---|--|------------------|-----------------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | | Log Name/Comment | Wellbore |
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | | GREELEY-ROTH FEDERAL 13N-2C-L PWB |
| 1750.00 | 17483.31 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | | GREELEY-ROTH FEDERAL 13N-2C-L PWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2C-L PWP (REV-A.0) | |
|---|---|
| MD Reference: PRECISION 462 (20") (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Facility: SEC.02-T05N-R67W Slot: SLOT#06 EX. AURFRECHT N 2-16 (660'FSL & 660'FEL, CODL/PR) Well: EX. AURFRECHT N 2-16 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 59.00 | 20.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 50.29 | 111.23 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 159.00 | 120.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 50.93 | 109.81 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 259.00 | 220.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 52.29 | 106.89 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 359.00 | 320.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 54.30 | 102.86 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 459.00 | 420.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 56.84 | 98.18 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 559.00 | 520.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 59.79 | 93.26 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 659.00 | 620.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 63.06 | 88.35 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 759.00 | 720.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 66.57 | 83.62 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 789.00 | 750.00 | -445.27 | -5469.17 | -94.65 | 5487.26 | 67.65 | 82.27 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 858.99 | 819.99 | -445.27 | -5469.17 | 133.94 | 5487.86 | 70.27 | 79.17 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 958.90 | 919.90 | -445.27 | -5469.17 | 133.93 | 5490.76 | 74.12 | 75.04 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1058.60 | 1019.60 | -445.27 | -5469.17 | 133.91 | 5496.09 | 78.09 | 71.24 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1157.97 | 1118.97 | -445.27 | -5469.17 | 133.88 | 5503.85 | 82.15 | 67.78 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1256.89 | 1217.89 | -445.27 | -5469.17 | 133.84 | 5514.03 | 86.25 | 64.64 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1330.37 | 1291.37 | -445.27 | -5469.17 | 133.81 | 5523.21 | 89.34 | 62.49 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1355.27 | 1316.27 | -445.27 | -5469.17 | 133.84 | 5526.56 | 90.39 | 61.79 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1453.47 | 1414.47 | -445.27 | -5469.17 | 133.98 | 5539.79 | 94.54 | 59.19 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1551.66 | 1512.66 | -445.27 | -5469.17 | 134.12 | 5553.05 | 98.75 | 56.78 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1649.86 | 1610.86 | -445.27 | -5469.17 | 134.26 | 5566.34 | 102.98 | 54.55 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1748.06 | 1709.06 | -445.27 | -5469.17 | 134.40 | 5579.67 | 107.25 | 52.49 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1846.26 | 1807.26 | -445.27 | -5469.17 | 134.54 | 5593.03 | 111.26 | 50.58 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1944.46 | 1905.46 | -445.27 | -5469.17 | 134.67 | 5606.42 | 115.52 | 48.83 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2042.66 | 2003.66 | -445.27 | -5469.17 | 134.81 | 5619.85 | 119.80 | 47.18 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2140.85 | 2101.85 | -445.27 | -5469.17 | 134.94 | 5633.30 | 124.12 | 45.64 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2239.05 | 2200.05 | -445.27 | -5469.17 | 135.08 | 5646.79 | 128.46 | 44.20 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2337.25 | 2298.25 | -445.27 | -5469.17 | 135.21 | 5660.30 | 132.82 | 42.84 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2435.45 | 2396.45 | -445.27 | -5469.17 | 135.34 | 5673.85 | 137.20 | 41.56 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2533.65 | 2494.65 | -445.27 | -5469.17 | 135.48 | 5687.43 | 141.61 | 40.36 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2631.85 | 2592.85 | -445.27 | -5469.17 | 135.61 | 5701.04 | 146.04 | 39.22 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2730.04 | 2691.04 | -445.27 | -5469.17 | 135.74 | 5714.67 | 150.48 | 38.15 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#06 EX. AURFRECHT N 2-16 (660'FSL & 660'FEL, CODL/PR) Well: EX. AURFRECHT N 2-16 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2828.24 | 2789.24 | -445.27 | -5469.17 | 135.87 | 5728.34 | 154.94 | 37.14 | PASS |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2926.44 | 2887.44 | -445.27 | -5469.17 | 136.00 | 5742.04 | 159.42 | 36.17 | PASS |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3024.64 | 2985.64 | -445.27 | -5469.17 | 136.13 | 5755.77 | 163.92 | 35.26 | PASS |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3122.84 | 3083.84 | -445.27 | -5469.17 | 136.26 | 5769.52 | 168.43 | 34.39 | PASS |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3221.03 | 3182.03 | -445.27 | -5469.17 | 136.39 | 5783.31 | 172.96 | 33.57 | PASS |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3319.23 | 3280.23 | -445.27 | -5469.17 | 136.52 | 5797.12 | 177.51 | 32.79 | PASS |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3417.43 | 3378.43 | -445.27 | -5469.17 | 136.64 | 5810.97 | 182.06 | 32.04 | PASS |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3515.63 | 3476.63 | -445.27 | -5469.17 | 136.77 | 5824.84 | 186.63 | 31.33 | PASS |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3613.83 | 3574.83 | -445.27 | -5469.17 | 136.90 | 5838.74 | 191.22 | 30.64 | PASS |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3712.03 | 3673.03 | -445.27 | -5469.17 | 137.02 | 5852.67 | 195.81 | 29.99 | PASS |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3810.22 | 3771.22 | -445.27 | -5469.17 | 137.15 | 5866.62 | 200.42 | 29.37 | PASS |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3908.42 | 3869.42 | -445.27 | -5469.17 | 137.27 | 5880.60 | 205.04 | 28.78 | PASS |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4006.62 | 3967.62 | -445.27 | -5469.17 | 137.39 | 5894.61 | 209.68 | 28.21 | PASS |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4104.82 | 4065.82 | -445.27 | -5469.17 | 137.52 | 5908.65 | 214.32 | 27.66 | PASS |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4203.02 | 4164.02 | -445.27 | -5469.17 | 137.64 | 5922.72 | 218.97 | 27.13 | PASS |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4301.22 | 4262.22 | -445.27 | -5469.17 | 137.76 | 5936.81 | 223.63 | 26.63 | PASS |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4399.41 | 4360.41 | -445.27 | -5469.17 | 137.88 | 5950.93 | 228.31 | 26.14 | PASS |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4497.61 | 4458.61 | -445.27 | -5469.17 | 138.00 | 5965.07 | 232.99 | 25.68 | PASS |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4595.81 | 4556.81 | -445.27 | -5469.17 | 138.12 | 5979.24 | 237.68 | 25.23 | PASS |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4694.01 | 4655.01 | -445.27 | -5469.17 | 138.24 | 5993.44 | 242.38 | 24.80 | PASS |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4792.21 | 4753.21 | -445.27 | -5469.17 | 138.36 | 6007.66 | 247.09 | 24.38 | PASS |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4890.40 | 4851.40 | -445.27 | -5469.17 | 138.48 | 6021.91 | 251.81 | 23.98 | PASS |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4988.60 | 4949.60 | -445.27 | -5469.17 | 138.60 | 6036.18 | 256.53 | 23.59 | PASS |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5086.80 | 5047.80 | -445.27 | -5469.17 | 138.72 | 6050.48 | 261.26 | 23.22 | PASS |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5185.00 | 5146.00 | -445.27 | -5469.17 | 138.83 | 6064.81 | 266.00 | 22.86 | PASS |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5283.20 | 5244.20 | -445.27 | -5469.17 | 138.95 | 6079.16 | 270.75 | 22.51 | PASS |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5381.40 | 5342.40 | -445.27 | -5469.17 | 139.07 | 6093.53 | 275.50 | 22.17 | PASS |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5479.59 | 5440.59 | -445.27 | -5469.17 | 139.18 | 6107.93 | 280.26 | 21.85 | PASS |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5577.79 | 5538.79 | -445.27 | -5469.17 | 139.29 | 6122.35 | 285.03 | 21.53 | PASS |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5675.99 | 5636.99 | -445.27 | -5469.17 | 139.41 | 6136.80 | 289.80 | 21.23 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#06 EX. AURFRECHT N 2-16 (660'FSL & 660'FEL, CODL/PR) Well: EX. AURFRECHT N 2-16 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5774.19 | 5735.19 | -445.27 | -5469.17 | 139.52 | 6151.27 | 294.58 | 20.93 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5872.39 | 5833.39 | -445.27 | -5469.17 | 139.64 | 6165.77 | 299.36 | 20.64 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5970.58 | 5931.58 | -445.27 | -5469.17 | 139.75 | 6180.29 | 304.15 | 20.37 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6068.78 | 6029.78 | -445.27 | -5469.17 | 139.86 | 6194.83 | 308.94 | 20.10 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6166.98 | 6127.98 | -445.27 | -5469.17 | 139.97 | 6209.40 | 313.74 | 19.83 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6265.18 | 6226.18 | -445.27 | -5469.17 | 140.08 | 6223.99 | 318.55 | 19.58 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6363.38 | 6324.38 | -445.27 | -5469.17 | 140.19 | 6238.60 | 323.36 | 19.33 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6461.58 | 6422.58 | -445.27 | -5469.17 | 140.30 | 6253.24 | 328.17 | 19.09 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6463.71 | 6424.71 | -445.27 | -5469.17 | 140.31 | 6253.56 | 328.27 | 19.09 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6560.44 | 6521.44 | -445.27 | -5469.17 | 87.23 | 6260.43 | 333.09 | 18.83 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6659.12 | 6620.12 | -445.27 | -5469.17 | 40.21 | 6251.99 | 338.42 | 18.51 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6755.17 | 6716.17 | -445.27 | -5469.17 | 25.00 | 6228.14 | 343.91 | 18.14 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6846.23 | 6807.23 | -445.27 | -5469.17 | 18.98 | 6189.45 | 348.92 | 17.77 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6930.06 | 6891.06 | -445.27 | -5469.17 | 16.18 | 6136.89 | 353.39 | 17.40 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7004.59 | 6965.59 | -445.27 | -5469.17 | 14.99 | 6071.74 | 357.27 | 17.03 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7068.00 | 7029.00 | -445.27 | -5469.17 | 14.95 | 5995.61 | 360.49 | 16.66 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7118.71 | 7079.71 | -445.27 | -5469.17 | 16.18 | 5910.37 | 363.00 | 16.31 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7155.48 | 7116.48 | -445.27 | -5469.17 | 19.73 | 5818.11 | 364.78 | 15.98 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7177.41 | 7138.41 | -445.27 | -5469.17 | 31.06 | 5721.09 | 365.83 | 15.67 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7184.00 | 7145.00 | -445.27 | -5469.17 | 88.39 | 5630.87 | 366.14 | 15.41 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7184.02 | 7145.02 | -445.27 | -5469.17 | 88.39 | 5621.70 | 366.14 | 15.38 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7184.21 | 7145.21 | -445.27 | -5469.17 | 88.42 | 5521.94 | 366.17 | 15.11 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7184.41 | 7145.41 | -445.27 | -5469.17 | 88.45 | 5422.19 | 366.19 | 14.83 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7184.60 | 7145.60 | -445.27 | -5469.17 | 88.47 | 5322.45 | 366.23 | 14.56 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7184.80 | 7145.80 | -445.27 | -5469.17 | 88.50 | 5222.72 | 366.26 | 14.29 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7184.99 | 7145.99 | -445.27 | -5469.17 | 88.53 | 5123.00 | 366.31 | 14.01 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7185.18 | 7146.18 | -445.27 | -5469.17 | 88.56 | 5023.30 | 366.36 | 13.74 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7185.38 | 7146.38 | -445.27 | -5469.17 | 88.59 | 4923.60 | 366.42 | 13.46 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7185.57 | 7146.57 | -445.27 | -5469.17 | 88.62 | 4823.92 | 366.48 | 13.19 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7185.77 | 7146.77 | -445.27 | -5469.17 | 88.65 | 4724.24 | 366.55 | 12.91 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 30 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#06 EX. AURFRECHT N 2-16 (660'FSL & 660'FEL, CODL/PR) Well: EX. AURFRECHT N 2-16 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7185.96 | 7146.96 | -445.27 | -5469.17 | 88.68 | 4624.59 | 366.64 | 12.64 | PASS | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7186.16 | 7147.16 | -445.27 | -5469.17 | 88.70 | 4524.95 | 366.73 | 12.36 | PASS | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7186.35 | 7147.35 | -445.27 | -5469.17 | 88.73 | 4425.32 | 366.84 | 12.08 | PASS | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7186.54 | 7147.54 | -445.27 | -5469.17 | 88.76 | 4325.71 | 366.95 | 11.81 | PASS | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7186.74 | 7147.74 | -445.27 | -5469.17 | 88.79 | 4226.13 | 367.08 | 11.53 | PASS | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7186.93 | 7147.93 | -445.27 | -5469.17 | 88.82 | 4126.56 | 367.23 | 11.26 | PASS | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7187.13 | 7148.13 | -445.27 | -5469.17 | 88.85 | 4027.01 | 367.39 | 10.98 | PASS | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7187.32 | 7148.32 | -445.27 | -5469.17 | 88.88 | 3927.48 | 367.57 | 10.70 | PASS | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7187.52 | 7148.52 | -445.27 | -5469.17 | 88.91 | 3827.98 | 367.77 | 10.43 | PASS | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7187.71 | 7148.71 | -445.27 | -5469.17 | 88.93 | 3728.51 | 367.99 | 10.15 | PASS | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7187.90 | 7148.90 | -445.27 | -5469.17 | 88.96 | 3629.06 | 368.24 | 9.87 | PASS | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7188.10 | 7149.10 | -445.27 | -5469.17 | 88.99 | 3529.65 | 368.51 | 9.59 | PASS | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7188.29 | 7149.29 | -445.27 | -5469.17 | 89.02 | 3430.27 | 368.82 | 9.32 | PASS | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7188.49 | 7149.49 | -445.27 | -5469.17 | 89.05 | 3330.93 | 369.16 | 9.04 | PASS | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7188.68 | 7149.68 | -445.27 | -5469.17 | 89.08 | 3231.63 | 369.54 | 8.76 | PASS | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7188.88 | 7149.88 | -445.27 | -5469.17 | 89.11 | 3132.37 | 369.96 | 8.48 | PASS | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7189.07 | 7150.07 | -445.27 | -5469.17 | 89.14 | 3033.16 | 370.44 | 8.20 | PASS | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7189.26 | 7150.26 | -445.27 | -5469.17 | 89.16 | 2934.01 | 370.97 | 7.92 | PASS | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7189.46 | 7150.46 | -445.27 | -5469.17 | 89.19 | 2834.91 | 371.56 | 7.64 | PASS | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7189.65 | 7150.65 | -445.27 | -5469.17 | 89.22 | 2735.88 | 372.23 | 7.36 | PASS | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7189.85 | 7150.85 | -445.27 | -5469.17 | 89.25 | 2636.93 | 372.98 | 7.08 | PASS | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7190.04 | 7151.04 | -445.27 | -5469.17 | 89.28 | 2538.05 | 373.83 | 6.80 | PASS | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7190.24 | 7151.24 | -445.27 | -5469.17 | 89.31 | 2439.27 | 374.78 | 6.52 | PASS | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7190.43 | 7151.43 | -445.27 | -5469.17 | 89.34 | 2340.59 | 375.86 | 6.24 | PASS | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7190.62 | 7151.62 | -445.27 | -5469.17 | 89.37 | 2242.03 | 377.09 | 5.95 | PASS | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7190.82 | 7151.82 | -445.27 | -5469.17 | 89.39 | 2143.60 | 378.48 | 5.67 | PASS | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7191.01 | 7152.01 | -445.27 | -5469.17 | 89.42 | 2045.33 | 380.07 | 5.39 | PASS | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7191.21 | 7152.21 | -445.27 | -5469.17 | 89.45 | 1947.23 | 381.89 | 5.11 | PASS | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7191.40 | 7152.40 | -445.27 | -5469.17 | 89.48 | 1849.33 | 383.97 | 4.82 | PASS | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7191.60 | 7152.60 | -445.27 | -5469.17 | 89.51 | 1751.67 | 386.37 | 4.54 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 31 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP

| Facility: SEC.02-T05N-R67W | | | | | | Slot: SLOT#06 EX. AUFRECHT N 2-16 (660'FSL & 660'FEL, CODL/PR) | | Well: EX. AUFRECHT N 2-16 | | Threshold Value=1.00 | | † = interpolated/extrapolated station | |
|----------------------------|-----------------|-------------------|------------------|-------------------|--------------------|--|---------------------|----------------------------|---------------------------|----------------------|--------------|---------------------------------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7191.79 | 7152.79 | -445.27 | -5469.17 | 89.54 | 1654.29 | 389.15 | 4.26 | PASS | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7191.98 | 7152.98 | -445.27 | -5469.17 | 89.57 | 1557.24 | 392.37 | 3.97 | PASS | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7192.18 | 7153.18 | -445.27 | -5469.17 | 89.60 | 1460.59 | 396.12 | 3.69 | PASS | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 7192.37 | 7153.37 | -445.27 | -5469.17 | 89.62 | 1364.42 | 400.51 | 3.41 | PASS | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7192.57 | 7153.57 | -445.27 | -5469.17 | 89.65 | 1268.85 | 405.69 | 3.13 | PASS | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7192.76 | 7153.76 | -445.27 | -5469.17 | 89.68 | 1174.01 | 411.83 | 2.85 | PASS | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7192.96 | 7153.96 | -445.27 | -5469.17 | 89.71 | 1080.11 | 419.16 | 2.58 | PASS | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7193.15 | 7154.15 | -445.27 | -5469.17 | 89.74 | 987.40 | 427.96 | 2.31 | PASS | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7193.35 | 7154.35 | -445.27 | -5469.17 | 89.77 | 896.26 | 438.63 | 2.04 | PASS | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7193.54 | 7154.54 | -445.27 | -5469.17 | 89.80 | 807.22 | 451.65 | 1.79 | PASS | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7193.73 | 7154.73 | -445.27 | -5469.17 | 89.83 | 721.07 | 467.61 | 1.54 | PASS | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7193.93 | 7154.93 | -445.27 | -5469.17 | 89.85 | 638.96 | 487.19 | 1.31 | PASS | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7194.12 | 7155.12 | -445.27 | -5469.17 | 89.88 | 562.66 | 510.96 | 1.10 | PASS | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 7194.32 | 7155.32 | -445.27 | -5469.17 | 89.91 | 494.89 | 538.84 | 0.92 | FAIL | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 7194.51 | 7155.51 | -445.27 | -5469.17 | 89.94 | 439.59 | 568.87 | 0.77 | FAIL | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 7194.71 | 7155.71 | -445.27 | -5469.17 | 89.97 | 401.96 | 595.56 | 0.67 | FAIL | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 7194.90 | 7155.90 | -445.27 | -5469.17 | 90.00 | 387.16 | 610.30 | 0.63 | FAIL | |
| 13228.91† | 7155.92 | -832.34 | -5466.45 | 7194.77 | 7155.77 | -445.27 | -5469.17 | 89.98 | 387.07 | 610.77 | 0.63 | FAIL | |
| 13236.14† | 7155.93 | -832.40 | -5473.68 | 7194.93 | 7155.93 | -445.27 | -5469.17 | 90.00 | 387.15 | 611.05 | 0.63 | FAIL | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 7195.09 | 7156.09 | -445.27 | -5469.17 | 90.03 | 397.77 | 607.34 | 0.65 | FAIL | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 7195.29 | 7156.29 | -445.27 | -5469.17 | 90.06 | 431.91 | 589.63 | 0.73 | FAIL | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 7195.48 | 7156.48 | -445.27 | -5469.17 | 90.08 | 484.64 | 565.25 | 0.86 | FAIL | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 7195.68 | 7156.68 | -445.27 | -5469.17 | 90.11 | 550.63 | 540.59 | 1.02 | PASS | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 7195.87 | 7156.87 | -445.27 | -5469.17 | 90.14 | 625.72 | 518.58 | 1.21 | PASS | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 7196.07 | 7157.07 | -445.27 | -5469.17 | 90.17 | 707.00 | 499.94 | 1.41 | PASS | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 7196.26 | 7157.26 | -445.27 | -5469.17 | 90.20 | 792.58 | 484.45 | 1.64 | PASS | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 7196.45 | 7157.45 | -445.27 | -5469.17 | 90.23 | 881.19 | 471.61 | 1.87 | PASS | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 7196.65 | 7157.65 | -445.27 | -5469.17 | 90.26 | 972.02 | 460.93 | 2.11 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP | | | | |
|--|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP | | | | |
|--|----------------|--|--|--------------------------|
| Start MD (ft) | End MD (ft) | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7813.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7813> | EX. AURFRECHT N 2-16 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. AURFRECHT N 2-16 AWB Offset Wellpath: EX. AURFRECHT N 2-16 AWP | |
|---|---|
| MD Reference: Rig on SLOT#-6 EX. AURFRECHT N 2-16 (660'FSL & 660'FEL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-33 AWP Offset Wellpath: EX. HERTZKE 1-33 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#25 EX. HERTZKE 1-33 (660'FSL & 641'FWL, CODL/SI) Well: EX. HERTZKE 1-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 47.00 | 20.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 2.93 | 2162.30 | PASS | | |
| 120.00† | 120.00 | 0.00 | 0.00 | 147.00 | 120.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 6.33 | 792.41 | PASS | | |
| 220.00† | 220.00 | 0.00 | 0.00 | 247.00 | 220.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 11.39 | 407.55 | PASS | | |
| 320.00† | 320.00 | 0.00 | 0.00 | 347.00 | 320.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 16.17 | 279.58 | PASS | | |
| 420.00† | 420.00 | 0.00 | 0.00 | 447.00 | 420.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 20.96 | 212.59 | PASS | | |
| 520.00† | 520.00 | 0.00 | 0.00 | 547.00 | 520.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 25.76 | 171.45 | PASS | | |
| 620.00† | 620.00 | 0.00 | 0.00 | 647.00 | 620.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 30.56 | 143.63 | PASS | | |
| 720.00† | 720.00 | 0.00 | 0.00 | 747.00 | 720.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 35.36 | 123.57 | PASS | | |
| 750.00 | 750.00 | 0.00 | 0.00 | 777.00 | 750.00 | -441.17 | -4228.77 | -95.96 | 4251.72 | 36.80 | 118.61 | PASS | | |
| 820.00† | 819.99 | -0.57 | 0.64 | 846.99 | 819.99 | -441.17 | -4228.77 | 132.64 | 4252.30 | 40.18 | 108.41 | PASS | | |
| 920.00† | 919.90 | -3.33 | 3.78 | 946.90 | 919.90 | -441.17 | -4228.77 | 132.64 | 4255.14 | 45.11 | 96.37 | PASS | | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1046.60 | 1019.60 | -441.17 | -4228.77 | 132.64 | 4260.34 | 50.10 | 86.69 | PASS | | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1145.97 | 1118.97 | -441.17 | -4228.77 | 132.64 | 4267.92 | 55.04 | 78.90 | PASS | | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1244.89 | 1217.89 | -441.17 | -4228.77 | 132.64 | 4277.87 | 59.94 | 72.51 | PASS | | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1318.37 | 1291.37 | -441.17 | -4228.77 | 132.63 | 4286.86 | 63.56 | 68.47 | PASS | | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1343.27 | 1316.27 | -441.17 | -4228.77 | 132.68 | 4290.13 | 64.76 | 67.23 | PASS | | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1441.47 | 1414.47 | -441.17 | -4228.77 | 132.86 | 4303.09 | 69.48 | 62.79 | PASS | | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1539.66 | 1512.66 | -441.17 | -4228.77 | 133.04 | 4316.09 | 74.20 | 58.92 | PASS | | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1637.86 | 1610.86 | -441.17 | -4228.77 | 133.22 | 4329.14 | 78.94 | 55.51 | PASS | | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1736.06 | 1709.06 | -441.17 | -4228.77 | 133.40 | 4342.22 | 83.68 | 52.49 | PASS | | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1834.26 | 1807.26 | -441.17 | -4228.77 | 133.58 | 4355.35 | 88.04 | 49.86 | PASS | | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1932.46 | 1905.46 | -441.17 | -4228.77 | 133.76 | 4368.53 | 92.54 | 47.56 | PASS | | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2030.66 | 2003.66 | -441.17 | -4228.77 | 133.94 | 4381.74 | 97.10 | 45.45 | PASS | | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2128.85 | 2101.85 | -441.17 | -4228.77 | 134.11 | 4395.00 | 101.70 | 43.51 | PASS | | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2227.05 | 2200.05 | -441.17 | -4228.77 | 134.29 | 4408.29 | 106.34 | 41.73 | PASS | | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2325.25 | 2298.25 | -441.17 | -4228.77 | 134.46 | 4421.63 | 111.02 | 40.08 | PASS | | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2423.45 | 2396.45 | -441.17 | -4228.77 | 134.63 | 4435.01 | 115.73 | 38.55 | PASS | | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2521.65 | 2494.65 | -441.17 | -4228.77 | 134.81 | 4448.43 | 120.47 | 37.14 | PASS | | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2619.85 | 2592.85 | -441.17 | -4228.77 | 134.98 | 4461.89 | 125.24 | 35.82 | PASS | | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2718.04 | 2691.04 | -441.17 | -4228.77 | 135.15 | 4475.38 | 130.04 | 34.60 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-33 AWB Offset Wellpath: EX. HERTZKE 1-33 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#25 EX. HERTZKE 1-33 (660'FSL & 641'FWL, CODL/SI) Well: EX. HERTZKE 1-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2816.24 | 2789.24 | -441.17 | -4228.77 | 135.31 | 4488.92 | 134.85 | 33.46 | PASS |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2914.44 | 2887.44 | -441.17 | -4228.77 | 135.48 | 4502.50 | 139.68 | 32.39 | PASS |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3012.64 | 2985.64 | -441.17 | -4228.77 | 135.65 | 4516.11 | 144.53 | 31.40 | PASS |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3110.84 | 3083.84 | -441.17 | -4228.77 | 135.81 | 4529.76 | 149.39 | 30.46 | PASS |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3209.03 | 3182.03 | -441.17 | -4228.77 | 135.98 | 4543.45 | 154.26 | 29.58 | PASS |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3307.23 | 3280.23 | -441.17 | -4228.77 | 136.14 | 4557.17 | 159.14 | 28.76 | PASS |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3405.43 | 3378.43 | -441.17 | -4228.77 | 136.31 | 4570.94 | 164.03 | 27.98 | PASS |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3503.63 | 3476.63 | -441.17 | -4228.77 | 136.47 | 4584.74 | 168.93 | 27.25 | PASS |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3601.83 | 3574.83 | -441.17 | -4228.77 | 136.63 | 4598.57 | 173.84 | 26.56 | PASS |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3700.03 | 3673.03 | -441.17 | -4228.77 | 136.79 | 4612.44 | 178.75 | 25.90 | PASS |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3798.22 | 3771.22 | -441.17 | -4228.77 | 136.95 | 4626.35 | 183.66 | 25.28 | PASS |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3896.42 | 3869.42 | -441.17 | -4228.77 | 137.10 | 4640.29 | 188.59 | 24.69 | PASS |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3994.62 | 3967.62 | -441.17 | -4228.77 | 137.26 | 4654.27 | 193.51 | 24.14 | PASS |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4092.82 | 4065.82 | -441.17 | -4228.77 | 137.42 | 4668.28 | 198.44 | 23.61 | PASS |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4191.02 | 4164.02 | -441.17 | -4228.77 | 137.57 | 4682.33 | 203.38 | 23.10 | PASS |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4289.22 | 4262.22 | -441.17 | -4228.77 | 137.73 | 4696.41 | 208.31 | 22.62 | PASS |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4387.41 | 4360.41 | -441.17 | -4228.77 | 137.88 | 4710.52 | 213.25 | 22.16 | PASS |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4485.61 | 4458.61 | -441.17 | -4228.77 | 138.03 | 4724.67 | 218.20 | 21.72 | PASS |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4583.81 | 4556.81 | -441.17 | -4228.77 | 138.18 | 4738.85 | 223.14 | 21.30 | PASS |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4682.01 | 4655.01 | -441.17 | -4228.77 | 138.34 | 4753.07 | 228.09 | 20.90 | PASS |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4780.21 | 4753.21 | -441.17 | -4228.77 | 138.49 | 4767.31 | 233.04 | 20.52 | PASS |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4878.40 | 4851.40 | -441.17 | -4228.77 | 138.63 | 4781.59 | 237.99 | 20.15 | PASS |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4976.60 | 4949.60 | -441.17 | -4228.77 | 138.78 | 4795.90 | 242.94 | 19.80 | PASS |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5074.80 | 5047.80 | -441.17 | -4228.77 | 138.93 | 4810.24 | 247.90 | 19.46 | PASS |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5173.00 | 5146.00 | -441.17 | -4228.77 | 139.07 | 4824.61 | 252.85 | 19.13 | PASS |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5271.20 | 5244.20 | -441.17 | -4228.77 | 139.22 | 4839.02 | 257.81 | 18.82 | PASS |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5369.40 | 5342.40 | -441.17 | -4228.77 | 139.37 | 4853.45 | 262.77 | 18.52 | PASS |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5467.59 | 5440.59 | -441.17 | -4228.77 | 139.51 | 4867.92 | 267.72 | 18.23 | PASS |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5565.79 | 5538.79 | -441.17 | -4228.77 | 139.65 | 4882.42 | 272.68 | 17.95 | PASS |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5663.99 | 5636.99 | -441.17 | -4228.77 | 139.79 | 4896.94 | 277.64 | 17.68 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 35 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-33 AWB Offset Wellpath: EX. HERTZKE 1-33 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#25 EX. HERTZKE 1-33 (660'FSL & 641'FWL, CODL/SI) Well: EX. HERTZKE 1-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5762.19 | 5735.19 | -441.17 | -4228.77 | 139.94 | 4911.50 | 282.61 | 17.42 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5860.39 | 5833.39 | -441.17 | -4228.77 | 140.08 | 4926.08 | 287.57 | 17.17 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5958.58 | 5931.58 | -441.17 | -4228.77 | 140.22 | 4940.70 | 292.53 | 16.93 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6056.78 | 6029.78 | -441.17 | -4228.77 | 140.35 | 4955.34 | 297.50 | 16.69 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6154.98 | 6127.98 | -441.17 | -4228.77 | 140.49 | 4970.01 | 302.46 | 16.47 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6253.18 | 6226.18 | -441.17 | -4228.77 | 140.63 | 4984.71 | 307.42 | 16.25 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6351.38 | 6324.38 | -441.17 | -4228.77 | 140.76 | 4999.44 | 312.39 | 16.04 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6449.58 | 6422.58 | -441.17 | -4228.77 | 140.90 | 5014.20 | 317.36 | 15.83 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6451.71 | 6424.71 | -441.17 | -4228.77 | 140.90 | 5014.52 | 317.46 | 15.83 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6548.44 | 6521.44 | -441.17 | -4228.77 | 87.85 | 5021.52 | 322.46 | 15.60 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6647.12 | 6620.12 | -441.17 | -4228.77 | 40.87 | 5013.23 | 328.09 | 15.31 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6743.17 | 6716.17 | -441.17 | -4228.77 | 25.71 | 4989.54 | 333.93 | 14.97 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6834.23 | 6807.23 | -441.17 | -4228.77 | 19.78 | 4951.02 | 339.19 | 14.63 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6918.06 | 6891.06 | -441.17 | -4228.77 | 17.11 | 4898.65 | 343.85 | 14.27 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 6992.59 | 6965.59 | -441.17 | -4228.77 | 16.11 | 4833.69 | 347.87 | 13.92 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7056.00 | 7029.00 | -441.17 | -4228.77 | 16.36 | 4757.75 | 351.18 | 13.57 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7106.71 | 7079.71 | -441.17 | -4228.77 | 18.08 | 4672.70 | 353.76 | 13.23 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7143.48 | 7116.48 | -441.17 | -4228.77 | 22.56 | 4580.63 | 355.58 | 12.91 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7165.41 | 7138.41 | -441.17 | -4228.77 | 35.91 | 4483.78 | 356.65 | 12.60 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7172.00 | 7145.00 | -441.17 | -4228.77 | 88.72 | 4393.69 | 356.97 | 12.33 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7172.02 | 7145.02 | -441.17 | -4228.77 | 88.72 | 4384.54 | 356.98 | 12.30 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7172.21 | 7145.21 | -441.17 | -4228.77 | 88.75 | 4284.92 | 357.02 | 12.02 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7172.41 | 7145.41 | -441.17 | -4228.77 | 88.78 | 4185.33 | 357.06 | 11.74 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7172.60 | 7145.60 | -441.17 | -4228.77 | 88.81 | 4085.75 | 357.12 | 11.46 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7172.80 | 7145.80 | -441.17 | -4228.77 | 88.84 | 3986.20 | 357.19 | 11.18 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7172.99 | 7145.99 | -441.17 | -4228.77 | 88.87 | 3886.67 | 357.27 | 10.90 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7173.18 | 7146.18 | -441.17 | -4228.77 | 88.90 | 3787.16 | 357.36 | 10.62 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7173.38 | 7146.38 | -441.17 | -4228.77 | 88.93 | 3687.68 | 357.47 | 10.33 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7173.57 | 7146.57 | -441.17 | -4228.77 | 88.96 | 3588.23 | 357.60 | 10.05 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7173.77 | 7146.77 | -441.17 | -4228.77 | 88.99 | 3488.81 | 357.75 | 9.77 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-33 AWB Offset Wellpath: EX. HERTZKE 1-33 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#25 EX. HERTZKE 1-33 (660'FSL & 641'FWL, CODL/SI) Well: EX. HERTZKE 1-33 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7173.96 | 7146.96 | -441.17 | -4228.77 | 89.02 | 3389.43 | 357.92 | 9.49 | PASS |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7174.16 | 7147.16 | -441.17 | -4228.77 | 89.04 | 3290.08 | 358.12 | 9.20 | PASS |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7174.35 | 7147.35 | -441.17 | -4228.77 | 89.07 | 3190.77 | 358.35 | 8.92 | PASS |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7174.54 | 7147.54 | -441.17 | -4228.77 | 89.10 | 3091.51 | 358.61 | 8.64 | PASS |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7174.74 | 7147.74 | -441.17 | -4228.77 | 89.13 | 2992.30 | 358.91 | 8.35 | PASS |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7174.93 | 7147.93 | -441.17 | -4228.77 | 89.16 | 2893.14 | 359.25 | 8.07 | PASS |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7175.13 | 7148.13 | -441.17 | -4228.77 | 89.19 | 2794.04 | 359.64 | 7.78 | PASS |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7175.32 | 7148.32 | -441.17 | -4228.77 | 89.22 | 2695.01 | 360.09 | 7.50 | PASS |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7175.52 | 7148.52 | -441.17 | -4228.77 | 89.25 | 2596.05 | 360.60 | 7.21 | PASS |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7175.71 | 7148.71 | -441.17 | -4228.77 | 89.28 | 2497.17 | 361.19 | 6.93 | PASS |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7175.90 | 7148.90 | -441.17 | -4228.77 | 89.31 | 2398.39 | 361.86 | 6.64 | PASS |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7176.10 | 7149.10 | -441.17 | -4228.77 | 89.34 | 2299.72 | 362.64 | 6.35 | PASS |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7176.29 | 7149.29 | -441.17 | -4228.77 | 89.37 | 2201.16 | 363.53 | 6.06 | PASS |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7176.49 | 7149.49 | -441.17 | -4228.77 | 89.40 | 2102.74 | 364.57 | 5.78 | PASS |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7176.68 | 7149.68 | -441.17 | -4228.77 | 89.43 | 2004.47 | 365.76 | 5.49 | PASS |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7176.88 | 7149.88 | -441.17 | -4228.77 | 89.45 | 1906.39 | 367.14 | 5.20 | PASS |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7177.07 | 7150.07 | -441.17 | -4228.77 | 89.48 | 1808.51 | 368.75 | 4.91 | PASS |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7177.26 | 7150.26 | -441.17 | -4228.77 | 89.51 | 1710.88 | 370.62 | 4.62 | PASS |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7177.46 | 7150.46 | -441.17 | -4228.77 | 89.54 | 1613.54 | 372.81 | 4.33 | PASS |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7177.65 | 7150.65 | -441.17 | -4228.77 | 89.57 | 1516.55 | 375.38 | 4.05 | PASS |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7177.85 | 7150.85 | -441.17 | -4228.77 | 89.60 | 1419.98 | 378.40 | 3.76 | PASS |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7178.04 | 7151.04 | -441.17 | -4228.77 | 89.63 | 1323.91 | 381.98 | 3.47 | PASS |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7178.24 | 7151.24 | -441.17 | -4228.77 | 89.66 | 1228.47 | 386.24 | 3.18 | PASS |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7178.43 | 7151.43 | -441.17 | -4228.77 | 89.69 | 1133.82 | 391.34 | 2.90 | PASS |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7178.62 | 7151.62 | -441.17 | -4228.77 | 89.72 | 1040.17 | 397.48 | 2.62 | PASS |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7178.82 | 7151.82 | -441.17 | -4228.77 | 89.75 | 947.82 | 404.93 | 2.34 | PASS |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7179.01 | 7152.01 | -441.17 | -4228.77 | 89.78 | 857.18 | 414.03 | 2.07 | PASS |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7179.21 | 7152.21 | -441.17 | -4228.77 | 89.81 | 768.87 | 425.23 | 1.81 | PASS |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7179.40 | 7152.40 | -441.17 | -4228.77 | 89.83 | 683.79 | 439.07 | 1.56 | PASS |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7179.60 | 7152.60 | -441.17 | -4228.77 | 89.86 | 603.30 | 456.12 | 1.32 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-33 AWP Offset Wellpath: EX. HERTZKE 1-33 AWP | | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|------------------------|--|--|---------------------------|---------------------|--------------|
| Facility: SEC.01-T05N-R67W | | | | Slot: SLOT#25 EX. HERTZKE 1-33 (660'FSL & 641'FWL, CODL/SI) | | | | Well: EX. HERTZKE 1-33 | | Threshold Value=1.00 † = Interpolated/extrapolated station | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | | | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7179.79 | 7152.79 | -441.17 | -4228.77 | | | 89.89 | 529.51 | 476.80 | 1.11 |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7179.98 | 7152.98 | -441.17 | -4228.77 | | | 89.92 | 465.60 | 500.69 | 0.93 |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7180.18 | 7153.18 | -441.17 | -4228.77 | | | 89.95 | 416.16 | 525.30 | 0.79 |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 7180.37 | 7153.37 | -441.17 | -4228.77 | | | 89.98 | 386.77 | 544.81 | 0.71 |
| 11988.49† | 7153.51 | -821.91 | -4226.07 | 7180.57 | 7153.57 | -441.17 | -4228.77 | | | 90.01 | 380.75 | 551.40 | 0.69 |
| 11996.61† | 7153.52 | -821.97 | -4234.20 | 7180.52 | 7153.52 | -441.17 | -4228.77 | | | 90.00 | 380.85 | 551.72 | 0.69 |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7180.57 | 7153.57 | -441.17 | -4228.77 | | | 90.01 | 382.09 | 552.06 | 0.69 |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7180.76 | 7153.76 | -441.17 | -4228.77 | | | 90.04 | 402.99 | 544.81 | 0.74 |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7180.96 | 7153.96 | -441.17 | -4228.77 | | | 90.07 | 445.87 | 527.92 | 0.84 |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7181.15 | 7154.15 | -441.17 | -4228.77 | | | 90.10 | 505.18 | 508.04 | 0.99 |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7181.35 | 7154.35 | -441.17 | -4228.77 | | | 90.13 | 575.86 | 489.19 | 1.18 |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7181.54 | 7154.54 | -441.17 | -4228.77 | | | 90.16 | 654.23 | 472.86 | 1.38 |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7181.73 | 7154.73 | -441.17 | -4228.77 | | | 90.19 | 737.85 | 459.20 | 1.61 |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7181.93 | 7154.93 | -441.17 | -4228.77 | | | 90.21 | 825.12 | 447.90 | 1.84 |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7182.12 | 7155.12 | -441.17 | -4228.77 | | | 90.24 | 915.00 | 438.54 | 2.09 |

C-C Clearance Distance Cutoff: 1000.00 ft

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HERTZKE 1-33 AWP Offset Wellpath: EX. HERTZKE 1-33 AWP | | | |
|--|------------|---------|----------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical |

| WELLPATH COMPOSITION - Offset Wellbore: EX. HERTZKE 1-33 AWP Offset Wellpath: EX. HERTZKE 1-33 AWP | | | |
|--|----------------|--|----------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Wellbore |
| 0.00 | 7334.00 | Drift Indicator - Inclination Only (Actual Survey) | EX. HERTZKE 1-33 AWP |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HERTZKE 1-33 AWB Offset Wellpath: EX. HERTZKE 1-33 AWP | |
|---|---|
| MD Reference: Rig on SLOT#25 EX. HERTZKE 1-33 (660'FSL & 641'FWL, CODL/SL) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-34 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 73.00 | 20.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 50.32 | 165.57 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 173.00 | 120.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 51.06 | 163.12 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 273.00 | 220.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 52.52 | 158.49 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 373.00 | 320.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 54.62 | 152.30 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 473.00 | 420.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 57.22 | 145.25 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 573.00 | 520.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 60.22 | 137.89 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 673.00 | 620.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 63.53 | 130.60 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 773.00 | 720.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 67.07 | 123.61 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 803.00 | 750.00 | -334.53 | -8165.70 | -92.35 | 8172.55 | 68.15 | 121.62 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 872.99 | 819.99 | -334.53 | -8165.70 | 136.25 | 8173.17 | 70.79 | 117.04 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 972.90 | 919.90 | -334.53 | -8165.70 | 136.23 | 8176.19 | 74.66 | 110.93 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1072.60 | 1019.60 | -334.53 | -8165.70 | 136.19 | 8181.74 | 78.65 | 105.30 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1171.97 | 1118.97 | -334.53 | -8165.70 | 136.13 | 8189.80 | 82.72 | 100.17 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1270.89 | 1217.89 | -334.53 | -8165.70 | 136.05 | 8200.38 | 86.83 | 95.49 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1344.37 | 1291.37 | -334.53 | -8165.70 | 135.98 | 8209.92 | 89.93 | 92.27 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1369.27 | 1316.27 | -334.53 | -8165.70 | 136.00 | 8213.39 | 90.98 | 91.23 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1467.47 | 1414.47 | -334.53 | -8165.70 | 136.09 | 8227.11 | 95.14 | 87.35 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1565.66 | 1512.66 | -334.53 | -8165.70 | 136.19 | 8240.86 | 99.35 | 83.75 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1663.86 | 1610.86 | -334.53 | -8165.70 | 136.28 | 8254.62 | 103.59 | 80.43 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1762.06 | 1709.06 | -334.53 | -8165.70 | 136.36 | 8268.41 | 107.86 | 77.34 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1860.26 | 1807.26 | -334.53 | -8165.70 | 136.45 | 8282.21 | 111.87 | 74.50 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1958.46 | 1905.46 | -334.53 | -8165.70 | 136.54 | 8296.04 | 116.13 | 71.87 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2056.66 | 2003.66 | -334.53 | -8165.70 | 136.63 | 8309.88 | 120.42 | 69.41 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2154.85 | 2101.85 | -334.53 | -8165.70 | 136.72 | 8323.75 | 124.73 | 67.11 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2253.05 | 2200.05 | -334.53 | -8165.70 | 136.81 | 8337.63 | 129.07 | 64.95 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2351.25 | 2298.25 | -334.53 | -8165.70 | 136.90 | 8351.53 | 133.44 | 62.92 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2449.45 | 2396.45 | -334.53 | -8165.70 | 136.98 | 8365.46 | 137.82 | 61.01 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2547.65 | 2494.65 | -334.53 | -8165.70 | 137.07 | 8379.40 | 142.23 | 59.21 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2645.85 | 2592.85 | -334.53 | -8165.70 | 137.16 | 8393.36 | 146.65 | 57.51 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2744.04 | 2691.04 | -334.53 | -8165.70 | 137.25 | 8407.35 | 151.10 | 55.90 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-34 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2842.24 | 2789.24 | -334.53 | -8165.70 | 137.33 | 8421.35 | 155.56 | 54.38 | PASS | | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2940.44 | 2887.44 | -334.53 | -8165.70 | 137.42 | 8435.37 | 160.04 | 52.94 | PASS | | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3038.64 | 2985.64 | -334.53 | -8165.70 | 137.51 | 8449.41 | 164.54 | 51.57 | PASS | | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3136.84 | 3083.84 | -334.53 | -8165.70 | 137.59 | 8463.46 | 169.05 | 50.27 | PASS | | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3235.03 | 3182.03 | -334.53 | -8165.70 | 137.68 | 8477.54 | 173.58 | 49.04 | PASS | | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3333.23 | 3280.23 | -334.53 | -8165.70 | 137.76 | 8491.64 | 178.12 | 47.86 | PASS | | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3431.43 | 3378.43 | -334.53 | -8165.70 | 137.85 | 8505.75 | 182.68 | 46.74 | PASS | | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3529.63 | 3476.63 | -334.53 | -8165.70 | 137.93 | 8519.88 | 187.25 | 45.67 | PASS | | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3627.83 | 3574.83 | -334.53 | -8165.70 | 138.01 | 8534.03 | 191.83 | 44.65 | PASS | | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3726.03 | 3673.03 | -334.53 | -8165.70 | 138.10 | 8548.20 | 196.43 | 43.67 | PASS | | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3824.22 | 3771.22 | -334.53 | -8165.70 | 138.18 | 8562.39 | 201.04 | 42.74 | PASS | | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3922.42 | 3869.42 | -334.53 | -8165.70 | 138.27 | 8576.60 | 205.66 | 41.84 | PASS | | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4020.62 | 3967.62 | -334.53 | -8165.70 | 138.35 | 8590.82 | 210.29 | 40.99 | PASS | | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4118.82 | 4065.82 | -334.53 | -8165.70 | 138.43 | 8605.06 | 214.93 | 40.16 | PASS | | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4217.02 | 4164.02 | -334.53 | -8165.70 | 138.51 | 8619.32 | 219.59 | 39.38 | PASS | | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4315.22 | 4262.22 | -334.53 | -8165.70 | 138.60 | 8633.60 | 224.25 | 38.62 | PASS | | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4413.41 | 4360.41 | -334.53 | -8165.70 | 138.68 | 8647.89 | 228.92 | 37.89 | PASS | | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4511.61 | 4458.61 | -334.53 | -8165.70 | 138.76 | 8662.21 | 233.60 | 37.19 | PASS | | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4609.81 | 4556.81 | -334.53 | -8165.70 | 138.84 | 8676.54 | 238.30 | 36.52 | PASS | | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4708.01 | 4655.01 | -334.53 | -8165.70 | 138.92 | 8690.89 | 243.00 | 35.87 | PASS | | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4806.21 | 4753.21 | -334.53 | -8165.70 | 139.01 | 8705.25 | 247.71 | 35.24 | PASS | | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4904.40 | 4851.40 | -334.53 | -8165.70 | 139.09 | 8719.63 | 252.42 | 34.64 | PASS | | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5002.60 | 4949.60 | -334.53 | -8165.70 | 139.17 | 8734.03 | 257.15 | 34.06 | PASS | | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5100.80 | 5047.80 | -334.53 | -8165.70 | 139.25 | 8748.45 | 261.88 | 33.49 | PASS | | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5199.00 | 5146.00 | -334.53 | -8165.70 | 139.33 | 8762.88 | 266.62 | 32.95 | PASS | | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5297.20 | 5244.20 | -334.53 | -8165.70 | 139.41 | 8777.34 | 271.37 | 32.43 | PASS | | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5395.40 | 5342.40 | -334.53 | -8165.70 | 139.49 | 8791.80 | 276.12 | 31.92 | PASS | | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5493.59 | 5440.59 | -334.53 | -8165.70 | 139.57 | 8806.29 | 280.88 | 31.43 | PASS | | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5591.79 | 5538.79 | -334.53 | -8165.70 | 139.65 | 8820.79 | 285.65 | 30.95 | PASS | | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5689.99 | 5636.99 | -334.53 | -8165.70 | 139.72 | 8835.31 | 290.42 | 30.49 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-34 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5788.19 | 5735.19 | -334.53 | -8165.70 | 139.80 | 8849.84 | 295.20 | 30.05 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5886.39 | 5833.39 | -334.53 | -8165.70 | 139.88 | 8864.39 | 299.98 | 29.62 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5984.58 | 5931.58 | -334.53 | -8165.70 | 139.96 | 8878.96 | 304.77 | 29.20 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6082.78 | 6029.78 | -334.53 | -8165.70 | 140.04 | 8893.54 | 309.57 | 28.79 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6180.98 | 6127.98 | -334.53 | -8165.70 | 140.11 | 8908.14 | 314.37 | 28.40 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6279.18 | 6226.18 | -334.53 | -8165.70 | 140.19 | 8922.76 | 319.17 | 28.02 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6377.38 | 6324.38 | -334.53 | -8165.70 | 140.27 | 8937.39 | 323.98 | 27.64 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6475.58 | 6422.58 | -334.53 | -8165.70 | 140.34 | 8952.04 | 328.79 | 27.28 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6477.71 | 6424.71 | -334.53 | -8165.70 | 140.35 | 8952.36 | 328.90 | 27.28 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6574.44 | 6521.44 | -334.53 | -8165.70 | 87.24 | 8959.24 | 333.72 | 26.90 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6673.12 | 6620.12 | -334.53 | -8165.70 | 40.18 | 8950.80 | 339.05 | 26.45 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6769.17 | 6716.17 | -334.53 | -8165.70 | 24.93 | 8926.93 | 344.54 | 25.96 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6860.23 | 6807.23 | -334.53 | -8165.70 | 18.86 | 8888.22 | 349.54 | 25.48 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6944.06 | 6891.06 | -334.53 | -8165.70 | 16.00 | 8835.63 | 354.01 | 25.01 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7018.59 | 6965.59 | -334.53 | -8165.70 | 14.73 | 8770.45 | 357.89 | 24.55 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7082.00 | 7029.00 | -334.53 | -8165.70 | 14.57 | 8694.27 | 361.11 | 24.12 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7132.71 | 7079.71 | -334.53 | -8165.70 | 15.61 | 8608.98 | 363.63 | 23.72 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7169.48 | 7116.48 | -334.53 | -8165.70 | 18.82 | 8516.67 | 365.41 | 23.35 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7191.41 | 7138.41 | -334.53 | -8165.70 | 29.31 | 8419.60 | 366.45 | 23.02 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7198.00 | 7145.00 | -334.53 | -8165.70 | 88.22 | 8329.33 | 366.76 | 22.75 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7198.02 | 7145.02 | -334.53 | -8165.70 | 88.22 | 8320.16 | 366.76 | 22.73 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7198.21 | 7145.21 | -334.53 | -8165.70 | 88.25 | 8220.36 | 366.78 | 22.45 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7198.41 | 7145.41 | -334.53 | -8165.70 | 88.27 | 8120.56 | 366.81 | 22.18 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7198.60 | 7145.60 | -334.53 | -8165.70 | 88.29 | 8020.77 | 366.83 | 21.91 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7198.80 | 7145.80 | -334.53 | -8165.70 | 88.31 | 7920.99 | 366.86 | 21.63 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7198.99 | 7145.99 | -334.53 | -8165.70 | 88.33 | 7821.21 | 366.90 | 21.36 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7199.18 | 7146.18 | -334.53 | -8165.70 | 88.35 | 7721.43 | 366.94 | 21.08 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7199.38 | 7146.38 | -334.53 | -8165.70 | 88.37 | 7621.66 | 366.98 | 20.81 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7199.57 | 7146.57 | -334.53 | -8165.70 | 88.40 | 7521.90 | 367.04 | 20.53 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7199.77 | 7146.77 | -334.53 | -8165.70 | 88.42 | 7422.14 | 367.09 | 20.26 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 42 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-34 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7199.96 | 7146.96 | -334.53 | -8165.70 | 88.44 | 7322.39 | 367.15 | 19.98 | PASS | | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7200.16 | 7147.16 | -334.53 | -8165.70 | 88.46 | 7222.65 | 367.22 | 19.70 | PASS | | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7200.36 | 7147.35 | -334.53 | -8165.70 | 88.48 | 7122.91 | 367.29 | 19.43 | PASS | | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7200.54 | 7147.54 | -334.53 | -8165.70 | 88.50 | 7023.18 | 367.37 | 19.15 | PASS | | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7200.74 | 7147.74 | -334.53 | -8165.70 | 88.52 | 6923.46 | 367.46 | 18.88 | PASS | | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7200.93 | 7147.93 | -334.53 | -8165.70 | 88.55 | 6823.75 | 367.56 | 18.60 | PASS | | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7201.13 | 7148.13 | -334.53 | -8165.70 | 88.57 | 6724.04 | 367.66 | 18.32 | PASS | | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7201.32 | 7148.32 | -334.53 | -8165.70 | 88.59 | 6624.35 | 367.77 | 18.04 | PASS | | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7201.52 | 7148.52 | -334.53 | -8165.70 | 88.61 | 6524.66 | 367.89 | 17.77 | PASS | | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7201.71 | 7148.71 | -334.53 | -8165.70 | 88.63 | 6424.99 | 368.02 | 17.49 | PASS | | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7201.90 | 7148.90 | -334.53 | -8165.70 | 88.65 | 6325.32 | 368.16 | 17.21 | PASS | | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7202.10 | 7149.10 | -334.53 | -8165.70 | 88.67 | 6225.67 | 368.31 | 16.93 | PASS | | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7202.29 | 7149.29 | -334.53 | -8165.70 | 88.70 | 6126.02 | 368.48 | 16.66 | PASS | | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7202.49 | 7149.49 | -334.53 | -8165.70 | 88.72 | 6026.39 | 368.65 | 16.38 | PASS | | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7202.68 | 7149.68 | -334.53 | -8165.70 | 88.74 | 5926.77 | 368.84 | 16.10 | PASS | | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7202.88 | 7149.88 | -334.53 | -8165.70 | 88.76 | 5827.16 | 369.04 | 15.82 | PASS | | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7203.07 | 7150.07 | -334.53 | -8165.70 | 88.78 | 5727.57 | 369.26 | 15.54 | PASS | | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7203.26 | 7150.26 | -334.53 | -8165.70 | 88.80 | 5627.99 | 369.49 | 15.26 | PASS | | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7203.46 | 7150.46 | -334.53 | -8165.70 | 88.82 | 5528.43 | 369.74 | 14.98 | PASS | | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7203.65 | 7150.65 | -334.53 | -8165.70 | 88.84 | 5428.88 | 370.01 | 14.70 | PASS | | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7203.85 | 7150.85 | -334.53 | -8165.70 | 88.87 | 5329.35 | 370.30 | 14.42 | PASS | | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7204.04 | 7151.04 | -334.53 | -8165.70 | 88.89 | 5229.84 | 370.60 | 14.14 | PASS | | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7204.24 | 7151.24 | -334.53 | -8165.70 | 88.91 | 5130.34 | 370.93 | 13.86 | PASS | | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7204.43 | 7151.43 | -334.53 | -8165.70 | 88.93 | 5030.87 | 371.29 | 13.57 | PASS | | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7204.62 | 7151.62 | -334.53 | -8165.70 | 88.95 | 4931.42 | 371.67 | 13.29 | PASS | | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7204.82 | 7151.82 | -334.53 | -8165.70 | 88.97 | 4831.99 | 372.08 | 13.01 | PASS | | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7205.01 | 7152.01 | -334.53 | -8165.70 | 88.99 | 4732.58 | 372.52 | 12.73 | PASS | | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7205.21 | 7152.21 | -334.53 | -8165.70 | 89.02 | 4633.20 | 372.99 | 12.44 | PASS | | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7205.40 | 7152.40 | -334.53 | -8165.70 | 89.04 | 4533.85 | 373.50 | 12.16 | PASS | | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7205.60 | 7152.60 | -334.53 | -8165.70 | 89.06 | 4434.53 | 374.04 | 11.88 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 43 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP

| Facility: SEC.02-T05N-R67W | | | | Slot: SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) | | | | Well: EX. RUDOLPH 2-34 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | |
|----------------------------|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|------------------------|----------------------------|--|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7205.79 | 7152.79 | -334.53 | -8165.70 | | 89.08 | 4335.23 | 374.63 | 11.59 | PASS | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7205.98 | 7152.98 | -334.53 | -8165.70 | | 89.10 | 4235.97 | 375.26 | 11.31 | PASS | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7206.18 | 7153.18 | -334.53 | -8165.70 | | 89.12 | 4136.75 | 375.94 | 11.02 | PASS | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 7206.37 | 7153.37 | -334.53 | -8165.70 | | 89.14 | 4037.56 | 376.67 | 10.74 | PASS | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7206.57 | 7153.57 | -334.53 | -8165.70 | | 89.17 | 3938.42 | 377.46 | 10.45 | PASS | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7206.76 | 7153.76 | -334.53 | -8165.70 | | 89.19 | 3839.32 | 378.31 | 10.17 | PASS | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7206.96 | 7153.96 | -334.53 | -8165.70 | | 89.21 | 3740.27 | 379.23 | 9.88 | PASS | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7207.15 | 7154.15 | -334.53 | -8165.70 | | 89.23 | 3641.27 | 380.23 | 9.59 | PASS | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7207.35 | 7154.35 | -334.53 | -8165.70 | | 89.25 | 3542.32 | 381.30 | 9.31 | PASS | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7207.54 | 7154.54 | -334.53 | -8165.70 | | 89.27 | 3443.44 | 382.46 | 9.02 | PASS | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7207.73 | 7154.73 | -334.53 | -8165.70 | | 89.29 | 3344.62 | 383.72 | 8.73 | PASS | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7207.93 | 7154.93 | -334.53 | -8165.70 | | 89.32 | 3245.88 | 385.09 | 8.44 | PASS | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7208.12 | 7155.12 | -334.53 | -8165.70 | | 89.34 | 3147.21 | 386.57 | 8.15 | PASS | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 7208.32 | 7155.32 | -334.53 | -8165.70 | | 89.36 | 3048.64 | 388.18 | 7.87 | PASS | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 7208.51 | 7155.51 | -334.53 | -8165.70 | | 89.38 | 2950.15 | 389.93 | 7.58 | PASS | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 7208.71 | 7155.71 | -334.53 | -8165.70 | | 89.40 | 2851.78 | 391.85 | 7.29 | PASS | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 7208.90 | 7155.90 | -334.53 | -8165.70 | | 89.42 | 2753.52 | 393.93 | 7.00 | PASS | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 7209.09 | 7156.09 | -334.53 | -8165.70 | | 89.44 | 2655.39 | 396.21 | 6.71 | PASS | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 7209.29 | 7156.29 | -334.53 | -8165.70 | | 89.46 | 2557.40 | 398.71 | 6.42 | PASS | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 7209.48 | 7156.48 | -334.53 | -8165.70 | | 89.49 | 2459.58 | 401.45 | 6.14 | PASS | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 7209.68 | 7156.68 | -334.53 | -8165.70 | | 89.51 | 2361.94 | 404.46 | 5.85 | PASS | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 7209.87 | 7156.87 | -334.53 | -8165.70 | | 89.53 | 2264.51 | 407.77 | 5.56 | PASS | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 7210.07 | 7157.07 | -334.53 | -8165.70 | | 89.55 | 2167.31 | 411.44 | 5.28 | PASS | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 7210.26 | 7157.26 | -334.53 | -8165.70 | | 89.57 | 2070.37 | 415.49 | 4.99 | PASS | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 7210.45 | 7157.45 | -334.53 | -8165.70 | | 89.59 | 1973.74 | 419.99 | 4.71 | PASS | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 7210.65 | 7157.65 | -334.53 | -8165.70 | | 89.61 | 1877.47 | 425.00 | 4.42 | PASS | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 7210.84 | 7157.84 | -334.53 | -8165.70 | | 89.64 | 1781.60 | 430.61 | 4.14 | PASS | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 7211.04 | 7158.04 | -334.53 | -8165.70 | | 89.66 | 1686.22 | 436.89 | 3.86 | PASS | |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 7211.23 | 7158.23 | -334.53 | -8165.70 | | 89.68 | 1591.40 | 443.96 | 3.59 | PASS | |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 7211.43 | 7158.43 | -334.53 | -8165.70 | | 89.70 | 1497.26 | 451.96 | 3.32 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) Well: EX. RUDOLPH 2-34 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 7211.62 | 7158.62 | -334.53 | -8165.70 | 89.72 | 1403.93 | 461.03 | 3.05 | PASS | |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 7211.81 | 7158.81 | -334.53 | -8165.70 | 89.74 | 1311.58 | 471.39 | 2.79 | PASS | |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 7212.01 | 7159.01 | -334.53 | -8165.70 | 89.76 | 1220.43 | 483.26 | 2.53 | PASS | |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 7212.20 | 7159.20 | -334.53 | -8165.70 | 89.79 | 1130.79 | 496.93 | 2.28 | PASS | |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 7212.40 | 7159.40 | -334.53 | -8165.70 | 89.81 | 1043.03 | 512.73 | 2.04 | PASS | |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 7212.59 | 7159.59 | -334.53 | -8165.70 | 89.83 | 957.67 | 531.03 | 1.80 | PASS | |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 7212.79 | 7159.79 | -334.53 | -8165.70 | 89.85 | 875.42 | 552.25 | 1.59 | PASS | |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 7212.98 | 7159.98 | -334.53 | -8165.70 | 89.87 | 797.23 | 576.72 | 1.38 | PASS | |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 7213.17 | 7160.17 | -334.53 | -8165.70 | 89.89 | 724.44 | 604.57 | 1.20 | PASS | |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 7213.37 | 7160.37 | -334.53 | -8165.70 | 89.91 | 658.81 | 635.39 | 1.04 | PASS | |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 7213.56 | 7160.56 | -334.53 | -8165.70 | 89.94 | 602.71 | 667.72 | 0.90 | FAIL | |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 7213.76 | 7160.76 | -334.53 | -8165.70 | 89.96 | 559.00 | 698.40 | 0.80 | FAIL | |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 7213.95 | 7160.95 | -334.53 | -8165.70 | 89.98 | 530.76 | 722.54 | 0.73 | FAIL | |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 7214.15 | 7161.15 | -334.53 | -8165.70 | 90.00 | 520.50 | 734.92 | 0.71 | FAIL | |
| 15923.13† | 7161.15 | -854.99 | -8160.57 | 7215.63 | 7162.63 | -334.53 | -8165.70 | 90.16 | 520.49 | 735.13 | 0.71 | FAIL | |
| 15934.90† | 7161.18 | -855.09 | -8172.34 | 7214.18 | 7161.18 | -334.53 | -8165.70 | 90.00 | 520.61 | 735.53 | 0.71 | FAIL | |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 7214.34 | 7161.34 | -334.53 | -8165.70 | 90.02 | 529.29 | 732.76 | 0.72 | FAIL | |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 7214.53 | 7161.53 | -334.53 | -8165.70 | 90.04 | 556.21 | 717.60 | 0.77 | FAIL | |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 7214.73 | 7161.73 | -334.53 | -8165.70 | 90.06 | 598.83 | 694.08 | 0.86 | FAIL | |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 7214.92 | 7161.92 | -334.53 | -8165.70 | 90.09 | 654.08 | 667.08 | 0.98 | FAIL | |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 7215.12 | 7162.12 | -334.53 | -8165.70 | 90.11 | 719.06 | 640.10 | 1.12 | PASS | |
| 16520.00† | 7162.31 | -860.01 | -8757.42 | 7215.31 | 7162.31 | -334.53 | -8165.70 | 90.13 | 791.37 | 614.99 | 1.29 | PASS | |
| 16620.00† | 7162.51 | -860.85 | -8857.42 | 7215.51 | 7162.51 | -334.53 | -8165.70 | 90.15 | 869.19 | 592.48 | 1.47 | PASS | |
| 16720.00† | 7162.70 | -861.69 | -8957.41 | 7215.70 | 7162.70 | -334.53 | -8165.70 | 90.17 | 951.16 | 572.68 | 1.66 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP | | | | |
|--|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP | | | | |
|--|----------------|--|--|----------------------|
| Start MD (ft) | End MD (ft) | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7386.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7386> | EX. RUDOLPH 2-34 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. RUDOLPH 2-34 AWB Offset Wellpath: EX. RUDOLPH 2-34 AWP | |
|---|---|
| MD Reference: Rig on SLOT#04 EX. RUDOLPH 2-34 (732'FSL & 1921'FWL, NB-CD/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWB

| Facility: SEC.11-T05N-R67W | | | | Slot: SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) | | | | Well: EX. SKYWAY 4-11 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | |
|----------------------------|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---------------------------|--|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 47.00 | 20.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 50.26 | 195.55 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 147.00 | 120.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 50.82 | 193.39 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 247.00 | 220.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 52.09 | 188.56 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 347.00 | 320.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 54.03 | 181.66 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 447.00 | 420.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 56.52 | 173.54 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 547.00 | 520.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 59.42 | 164.91 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 647.00 | 620.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 62.66 | 156.27 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 747.00 | 720.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 66.14 | 147.91 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 777.00 | 750.00 | -1507.13 | -9523.20 | -98.99 | 9641.72 | 67.22 | 145.50 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 846.99 | 819.99 | -1507.13 | -9523.20 | 129.60 | 9642.27 | 69.82 | 140.02 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 946.90 | 919.90 | -1507.13 | -9523.20 | 129.58 | 9644.94 | 73.66 | 132.67 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1046.60 | 1019.60 | -1507.13 | -9523.20 | 129.54 | 9649.83 | 77.61 | 125.89 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1145.97 | 1118.97 | -1507.13 | -9523.20 | 129.48 | 9656.95 | 81.65 | 119.68 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1244.89 | 1217.89 | -1507.13 | -9523.20 | 129.40 | 9666.29 | 85.74 | 114.01 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1318.37 | 1291.37 | -1507.13 | -9523.20 | 129.33 | 9674.71 | 88.82 | 110.11 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1343.27 | 1316.27 | -1507.13 | -9523.20 | 129.35 | 9677.78 | 89.87 | 108.84 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1441.47 | 1414.47 | -1507.13 | -9523.20 | 129.44 | 9689.90 | 94.02 | 104.12 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1539.66 | 1512.66 | -1507.13 | -9523.20 | 129.52 | 9702.05 | 98.22 | 99.75 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1637.86 | 1610.86 | -1507.13 | -9523.20 | 129.61 | 9714.21 | 102.45 | 95.71 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1736.06 | 1709.06 | -1507.13 | -9523.20 | 129.69 | 9726.40 | 106.72 | 91.96 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1834.26 | 1807.26 | -1507.13 | -9523.20 | 129.78 | 9738.61 | 110.72 | 88.51 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1932.46 | 1905.46 | -1507.13 | -9523.20 | 129.86 | 9750.84 | 114.98 | 85.32 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2030.66 | 2003.66 | -1507.13 | -9523.20 | 129.94 | 9763.09 | 119.27 | 82.34 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2128.85 | 2101.85 | -1507.13 | -9523.20 | 130.03 | 9775.37 | 123.58 | 79.55 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2227.05 | 2200.05 | -1507.13 | -9523.20 | 130.11 | 9787.66 | 127.92 | 76.94 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2325.25 | 2298.25 | -1507.13 | -9523.20 | 130.20 | 9799.98 | 132.28 | 74.48 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2423.45 | 2396.45 | -1507.13 | -9523.20 | 130.28 | 9812.31 | 136.67 | 72.17 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2521.65 | 2494.65 | -1507.13 | -9523.20 | 130.36 | 9824.67 | 141.07 | 69.99 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2619.85 | 2592.85 | -1507.13 | -9523.20 | 130.45 | 9837.05 | 145.50 | 67.93 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2718.04 | 2691.04 | -1507.13 | -9523.20 | 130.53 | 9849.44 | 149.95 | 65.99 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) Well: EX. SKYWAY 4-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2816.24 | 2789.24 | -1507.13 | -9523.20 | 130.61 | 9861.86 | 154.41 | 64.16 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2914.44 | 2887.44 | -1507.13 | -9523.20 | 130.69 | 9874.30 | 158.90 | 62.42 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3012.64 | 2985.64 | -1507.13 | -9523.20 | 130.78 | 9886.76 | 163.40 | 60.77 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3110.84 | 3083.84 | -1507.13 | -9523.20 | 130.86 | 9899.24 | 167.91 | 59.20 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3209.03 | 3182.03 | -1507.13 | -9523.20 | 130.94 | 9911.74 | 172.44 | 57.71 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3307.23 | 3280.23 | -1507.13 | -9523.20 | 131.02 | 9924.26 | 176.99 | 56.29 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3405.43 | 3378.43 | -1507.13 | -9523.20 | 131.10 | 9936.80 | 181.55 | 54.94 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3503.63 | 3476.63 | -1507.13 | -9523.20 | 131.18 | 9949.37 | 186.12 | 53.66 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3601.83 | 3574.83 | -1507.13 | -9523.20 | 131.26 | 9961.95 | 190.71 | 52.43 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3700.03 | 3673.03 | -1507.13 | -9523.20 | 131.35 | 9974.55 | 195.31 | 51.25 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3798.22 | 3771.22 | -1507.13 | -9523.20 | 131.43 | 9987.17 | 199.92 | 50.13 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3896.42 | 3869.42 | -1507.13 | -9523.20 | 131.51 | 9999.81 | 204.55 | 49.05 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3994.62 | 3967.62 | -1507.13 | -9523.20 | 131.59 | 10012.47 | 209.18 | 48.02 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4092.82 | 4065.82 | -1507.13 | -9523.20 | 131.67 | 10025.15 | 213.83 | 47.04 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4191.02 | 4164.02 | -1507.13 | -9523.20 | 131.75 | 10037.85 | 218.49 | 46.09 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4289.22 | 4262.22 | -1507.13 | -9523.20 | 131.82 | 10050.57 | 223.16 | 45.18 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4387.41 | 4360.41 | -1507.13 | -9523.20 | 131.91 | 10063.31 | 227.83 | 44.30 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4485.61 | 4458.61 | -1507.13 | -9523.20 | 131.98 | 10076.06 | 232.52 | 43.46 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4583.81 | 4556.81 | -1507.13 | -9523.20 | 132.06 | 10088.84 | 237.22 | 42.65 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4682.01 | 4655.01 | -1507.13 | -9523.20 | 132.14 | 10101.64 | 241.92 | 41.88 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4780.21 | 4753.21 | -1507.13 | -9523.20 | 132.22 | 10114.45 | 246.64 | 41.12 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4878.40 | 4851.40 | -1507.13 | -9523.20 | 132.30 | 10127.29 | 251.36 | 40.40 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4976.60 | 4949.60 | -1507.13 | -9523.20 | 132.38 | 10140.14 | 256.09 | 39.70 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5074.80 | 5047.80 | -1507.13 | -9523.20 | 132.46 | 10153.01 | 260.83 | 39.03 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5173.00 | 5146.00 | -1507.13 | -9523.20 | 132.53 | 10165.90 | 265.57 | 38.38 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5271.20 | 5244.20 | -1507.13 | -9523.20 | 132.61 | 10178.81 | 270.32 | 37.75 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5369.40 | 5342.40 | -1507.13 | -9523.20 | 132.69 | 10191.74 | 275.08 | 37.14 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5467.59 | 5440.59 | -1507.13 | -9523.20 | 132.76 | 10204.69 | 279.85 | 36.56 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5565.79 | 5538.79 | -1507.13 | -9523.20 | 132.84 | 10217.65 | 284.62 | 35.99 | PASS | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5663.99 | 5636.99 | -1507.13 | -9523.20 | 132.92 | 10230.64 | 289.40 | 35.44 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) Well: EX. SKYWAY 4-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5762.19 | 5735.19 | -1507.13 | -9523.20 | 133.00 | 10243.64 | 294.18 | 34.90 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5860.39 | 5833.39 | -1507.13 | -9523.20 | 133.07 | 10256.66 | 298.97 | 34.39 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5958.58 | 5931.58 | -1507.13 | -9523.20 | 133.15 | 10269.70 | 303.76 | 33.88 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6056.78 | 6029.78 | -1507.13 | -9523.20 | 133.22 | 10282.76 | 308.56 | 33.40 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6154.98 | 6127.98 | -1507.13 | -9523.20 | 133.30 | 10295.83 | 313.37 | 32.93 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6253.18 | 6226.18 | -1507.13 | -9523.20 | 133.38 | 10308.93 | 318.18 | 32.47 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6351.38 | 6324.38 | -1507.13 | -9523.20 | 133.45 | 10322.04 | 323.00 | 32.03 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6449.58 | 6422.58 | -1507.13 | -9523.20 | 133.53 | 10335.17 | 327.81 | 31.59 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6451.71 | 6424.71 | -1507.13 | -9523.20 | 133.53 | 10335.45 | 327.92 | 31.58 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6548.44 | 6521.44 | -1507.13 | -9523.20 | 80.48 | 10340.85 | 332.73 | 31.14 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6647.12 | 6620.12 | -1507.13 | -9523.20 | 33.30 | 10330.91 | 337.98 | 30.63 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6743.17 | 6716.17 | -1507.13 | -9523.20 | 17.74 | 10305.60 | 343.37 | 30.07 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6834.23 | 6807.23 | -1507.13 | -9523.20 | 11.13 | 10265.52 | 348.33 | 29.53 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6918.06 | 6891.06 | -1507.13 | -9523.20 | 7.41 | 10211.67 | 352.80 | 29.00 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 6992.59 | 6965.59 | -1507.13 | -9523.20 | 4.79 | 10145.36 | 356.68 | 28.50 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7056.00 | 7029.00 | -1507.13 | -9523.20 | 2.45 | 10068.23 | 359.90 | 28.03 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7106.71 | 7079.71 | -1507.13 | -9523.20 | -0.32 | 9982.16 | 362.43 | 27.59 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7143.48 | 7116.48 | -1507.13 | -9523.20 | -5.01 | 9889.29 | 364.22 | 27.20 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7165.41 | 7138.41 | -1507.13 | -9523.20 | -18.31 | 9791.90 | 365.26 | 26.86 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7172.00 | 7145.00 | -1507.13 | -9523.20 | -88.32 | 9701.54 | 365.58 | 26.59 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7172.02 | 7145.02 | -1507.13 | -9523.20 | -88.32 | 9692.38 | 365.58 | 26.56 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7172.21 | 7145.21 | -1507.13 | -9523.20 | -88.34 | 9592.60 | 365.60 | 26.29 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7172.41 | 7145.41 | -1507.13 | -9523.20 | -88.36 | 9492.82 | 365.63 | 26.01 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7172.60 | 7145.60 | -1507.13 | -9523.20 | -88.37 | 9393.05 | 365.66 | 25.74 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7172.80 | 7145.80 | -1507.13 | -9523.20 | -88.39 | 9293.29 | 365.70 | 25.46 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7172.99 | 7145.99 | -1507.13 | -9523.20 | -88.41 | 9193.53 | 365.74 | 25.18 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7173.18 | 7146.18 | -1507.13 | -9523.20 | -88.42 | 9093.78 | 365.78 | 24.91 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7173.38 | 7146.38 | -1507.13 | -9523.20 | -88.44 | 8994.03 | 365.84 | 24.63 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7173.57 | 7146.57 | -1507.13 | -9523.20 | -88.46 | 8894.29 | 365.89 | 24.35 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7173.77 | 7146.77 | -1507.13 | -9523.20 | -88.48 | 8794.55 | 365.95 | 24.08 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWB

| Facility: SEC.11-T05N-R67W Slot: SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) Well: EX. SKYWAY 4-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7173.96 | 7146.96 | -1507.13 | -9523.20 | -88.49 | 8694.82 | 366.02 | 23.80 | PASS | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7174.16 | 7147.16 | -1507.13 | -9523.20 | -88.51 | 8595.09 | 366.09 | 23.52 | PASS | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7174.35 | 7147.35 | -1507.13 | -9523.20 | -88.53 | 8495.37 | 366.17 | 23.24 | PASS | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7174.54 | 7147.54 | -1507.13 | -9523.20 | -88.55 | 8395.66 | 366.26 | 22.97 | PASS | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7174.74 | 7147.74 | -1507.13 | -9523.20 | -88.56 | 8295.96 | 366.35 | 22.69 | PASS | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7174.93 | 7147.93 | -1507.13 | -9523.20 | -88.58 | 8196.26 | 366.45 | 22.41 | PASS | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7175.13 | 7148.13 | -1507.13 | -9523.20 | -88.60 | 8096.57 | 366.56 | 22.13 | PASS | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7175.32 | 7148.32 | -1507.13 | -9523.20 | -88.62 | 7996.89 | 366.68 | 21.85 | PASS | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7175.52 | 7148.52 | -1507.13 | -9523.20 | -88.63 | 7897.21 | 366.80 | 21.57 | PASS | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7175.71 | 7148.71 | -1507.13 | -9523.20 | -88.65 | 7797.55 | 366.94 | 21.29 | PASS | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7175.90 | 7148.90 | -1507.13 | -9523.20 | -88.67 | 7697.89 | 367.08 | 21.01 | PASS | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7176.10 | 7149.10 | -1507.13 | -9523.20 | -88.68 | 7598.24 | 367.23 | 20.73 | PASS | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7176.29 | 7149.29 | -1507.13 | -9523.20 | -88.70 | 7498.60 | 367.39 | 20.45 | PASS | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7176.49 | 7149.49 | -1507.13 | -9523.20 | -88.72 | 7398.97 | 367.56 | 20.17 | PASS | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7176.68 | 7149.68 | -1507.13 | -9523.20 | -88.74 | 7299.35 | 367.75 | 19.89 | PASS | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7176.88 | 7149.88 | -1507.13 | -9523.20 | -88.75 | 7199.75 | 367.94 | 19.60 | PASS | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7177.07 | 7150.07 | -1507.13 | -9523.20 | -88.77 | 7100.15 | 368.15 | 19.32 | PASS | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7177.26 | 7150.26 | -1507.13 | -9523.20 | -88.79 | 7000.56 | 368.37 | 19.04 | PASS | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7177.46 | 7150.46 | -1507.13 | -9523.20 | -88.81 | 6900.99 | 368.61 | 18.76 | PASS | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7177.65 | 7150.65 | -1507.13 | -9523.20 | -88.82 | 6801.43 | 368.86 | 18.47 | PASS | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7177.85 | 7150.85 | -1507.13 | -9523.20 | -88.84 | 6701.88 | 369.12 | 18.19 | PASS | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7178.04 | 7151.04 | -1507.13 | -9523.20 | -88.86 | 6602.34 | 369.40 | 17.91 | PASS | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7178.24 | 7151.24 | -1507.13 | -9523.20 | -88.88 | 6502.82 | 369.70 | 17.62 | PASS | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7178.43 | 7151.43 | -1507.13 | -9523.20 | -88.89 | 6403.32 | 370.02 | 17.34 | PASS | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7178.62 | 7151.62 | -1507.13 | -9523.20 | -88.91 | 6303.83 | 370.36 | 17.05 | PASS | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7178.82 | 7151.82 | -1507.13 | -9523.20 | -88.93 | 6204.35 | 370.71 | 16.77 | PASS | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7179.01 | 7152.01 | -1507.13 | -9523.20 | -88.95 | 6104.90 | 371.09 | 16.48 | PASS | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7179.21 | 7152.21 | -1507.13 | -9523.20 | -88.96 | 6005.46 | 371.49 | 16.19 | PASS | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7179.40 | 7152.40 | -1507.13 | -9523.20 | -88.98 | 5906.04 | 371.91 | 15.91 | PASS | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7179.60 | 7152.60 | -1507.13 | -9523.20 | -89.00 | 5806.64 | 372.37 | 15.62 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) Well: EX. SKYWAY 4-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7179.79 | 7152.79 | -1507.13 | -9523.20 | -89.02 | 5707.26 | 372.84 | 15.33 | PASS | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7179.98 | 7152.98 | -1507.13 | -9523.20 | -89.03 | 5607.90 | 373.35 | 15.05 | PASS | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7180.18 | 7153.18 | -1507.13 | -9523.20 | -89.05 | 5508.57 | 373.89 | 14.76 | PASS | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 7180.37 | 7153.37 | -1507.13 | -9523.20 | -89.07 | 5409.26 | 374.46 | 14.47 | PASS | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7180.57 | 7153.57 | -1507.13 | -9523.20 | -89.08 | 5309.98 | 375.06 | 14.18 | PASS | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7180.76 | 7153.76 | -1507.13 | -9523.20 | -89.10 | 5210.72 | 375.70 | 13.89 | PASS | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7180.96 | 7153.96 | -1507.13 | -9523.20 | -89.12 | 5111.50 | 376.39 | 13.60 | PASS | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7181.15 | 7154.15 | -1507.13 | -9523.20 | -89.14 | 5012.30 | 377.11 | 13.31 | PASS | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7181.35 | 7154.35 | -1507.13 | -9523.20 | -89.15 | 4913.14 | 377.88 | 13.02 | PASS | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7181.54 | 7154.54 | -1507.13 | -9523.20 | -89.17 | 4814.01 | 378.69 | 12.73 | PASS | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7181.73 | 7154.73 | -1507.13 | -9523.20 | -89.19 | 4714.92 | 379.56 | 12.44 | PASS | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7181.93 | 7154.93 | -1507.13 | -9523.20 | -89.21 | 4615.87 | 380.48 | 12.15 | PASS | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7182.12 | 7155.12 | -1507.13 | -9523.20 | -89.22 | 4516.86 | 381.46 | 11.86 | PASS | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 7182.32 | 7155.32 | -1507.13 | -9523.20 | -89.24 | 4417.89 | 382.51 | 11.57 | PASS | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 7182.51 | 7155.51 | -1507.13 | -9523.20 | -89.26 | 4318.97 | 383.62 | 11.28 | PASS | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 7182.71 | 7155.71 | -1507.13 | -9523.20 | -89.28 | 4220.10 | 384.80 | 10.99 | PASS | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 7182.90 | 7155.90 | -1507.13 | -9523.20 | -89.29 | 4121.29 | 386.06 | 10.69 | PASS | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 7183.09 | 7156.09 | -1507.13 | -9523.20 | -89.31 | 4022.54 | 387.40 | 10.40 | PASS | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 7183.29 | 7156.29 | -1507.13 | -9523.20 | -89.33 | 3923.85 | 388.83 | 10.11 | PASS | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 7183.48 | 7156.48 | -1507.13 | -9523.20 | -89.35 | 3825.22 | 390.36 | 9.82 | PASS | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 7183.68 | 7156.68 | -1507.13 | -9523.20 | -89.36 | 3726.67 | 392.00 | 9.52 | PASS | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 7183.87 | 7156.87 | -1507.13 | -9523.20 | -89.38 | 3628.20 | 393.75 | 9.23 | PASS | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 7184.07 | 7157.07 | -1507.13 | -9523.20 | -89.40 | 3529.82 | 395.62 | 8.94 | PASS | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 7184.26 | 7157.26 | -1507.13 | -9523.20 | -89.41 | 3431.53 | 397.62 | 8.64 | PASS | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 7184.45 | 7157.45 | -1507.13 | -9523.20 | -89.43 | 3333.34 | 399.77 | 8.35 | PASS | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 7184.65 | 7157.65 | -1507.13 | -9523.20 | -89.45 | 3235.26 | 402.08 | 8.06 | PASS | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 7184.84 | 7157.84 | -1507.13 | -9523.20 | -89.47 | 3137.30 | 404.56 | 7.77 | PASS | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 7185.04 | 7158.04 | -1507.13 | -9523.20 | -89.48 | 3039.48 | 407.23 | 7.48 | PASS | |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 7185.23 | 7158.23 | -1507.13 | -9523.20 | -89.50 | 2941.80 | 410.10 | 7.18 | PASS | |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 7185.43 | 7158.43 | -1507.13 | -9523.20 | -89.52 | 2844.28 | 413.21 | 6.89 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) | | | | | | Well: EX. SKYWAY 4-11 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|-----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 7185.62 | 7158.62 | -1507.13 | -9523.20 | -89.54 | 2746.95 | 416.56 | 6.60 | PASS |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 7185.81 | 7158.81 | -1507.13 | -9523.20 | -89.55 | 2649.81 | 420.19 | 6.32 | PASS |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 7186.01 | 7159.01 | -1507.13 | -9523.20 | -89.57 | 2552.89 | 424.12 | 6.03 | PASS |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 7186.20 | 7159.20 | -1507.13 | -9523.20 | -89.59 | 2456.22 | 428.40 | 5.74 | PASS |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 7186.40 | 7159.40 | -1507.13 | -9523.20 | -89.61 | 2359.82 | 433.05 | 5.46 | PASS |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 7186.59 | 7159.59 | -1507.13 | -9523.20 | -89.62 | 2263.74 | 438.13 | 5.17 | PASS |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 7186.79 | 7159.79 | -1507.13 | -9523.20 | -89.64 | 2168.01 | 443.68 | 4.89 | PASS |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 7186.98 | 7159.98 | -1507.13 | -9523.20 | -89.66 | 2072.69 | 449.77 | 4.61 | PASS |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 7187.17 | 7160.17 | -1507.13 | -9523.20 | -89.68 | 1977.83 | 456.47 | 4.34 | PASS |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 7187.37 | 7160.37 | -1507.13 | -9523.20 | -89.69 | 1883.50 | 463.85 | 4.07 | PASS |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 7187.56 | 7160.56 | -1507.13 | -9523.20 | -89.71 | 1789.79 | 472.01 | 3.80 | PASS |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 7187.76 | 7160.76 | -1507.13 | -9523.20 | -89.73 | 1696.79 | 481.06 | 3.53 | PASS |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 7187.95 | 7160.95 | -1507.13 | -9523.20 | -89.74 | 1604.64 | 491.13 | 3.27 | PASS |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 7188.15 | 7161.15 | -1507.13 | -9523.20 | -89.76 | 1513.48 | 502.37 | 3.02 | PASS |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 7188.34 | 7161.34 | -1507.13 | -9523.20 | -89.78 | 1423.51 | 514.96 | 2.77 | PASS |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 7188.53 | 7161.53 | -1507.13 | -9523.20 | -89.80 | 1334.97 | 529.10 | 2.53 | PASS |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 7188.73 | 7161.73 | -1507.13 | -9523.20 | -89.81 | 1248.16 | 545.00 | 2.29 | PASS |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 7188.92 | 7161.92 | -1507.13 | -9523.20 | -89.83 | 1163.47 | 562.93 | 2.07 | PASS |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 7189.12 | 7162.12 | -1507.13 | -9523.20 | -89.85 | 1081.40 | 583.12 | 1.86 | PASS |
| 16520.00† | 7162.31 | -860.01 | -8757.42 | 7189.31 | 7162.31 | -1507.13 | -9523.20 | -89.87 | 1002.59 | 605.79 | 1.66 | PASS |
| 16620.00† | 7162.51 | -860.85 | -8857.42 | 7189.51 | 7162.51 | -1507.13 | -9523.20 | -89.88 | 927.87 | 631.06 | 1.47 | PASS |
| 16720.00† | 7162.70 | -861.69 | -8957.41 | 7189.70 | 7162.70 | -1507.13 | -9523.20 | -89.90 | 858.32 | 658.83 | 1.30 | PASS |
| 16820.00† | 7162.90 | -862.53 | -9057.41 | 7189.90 | 7162.90 | -1507.13 | -9523.20 | -89.92 | 795.28 | 688.58 | 1.16 | PASS |
| 16920.00† | 7163.09 | -863.37 | -9157.40 | 7190.09 | 7163.09 | -1507.13 | -9523.20 | -89.94 | 740.42 | 719.14 | 1.03 | PASS |
| 17020.00† | 7163.28 | -864.22 | -9257.40 | 7190.28 | 7163.28 | -1507.13 | -9523.20 | -89.95 | 695.69 | 748.43 | 0.93 | FAIL |
| 17120.00† | 7163.48 | -865.06 | -9357.40 | 7190.48 | 7163.48 | -1507.13 | -9523.20 | -89.97 | 663.14 | 773.46 | 0.86 | FAIL |
| 17220.00† | 7163.67 | -865.90 | -9457.39 | 7190.67 | 7163.67 | -1507.13 | -9523.20 | -89.99 | 644.60 | 790.80 | 0.81 | FAIL |
| 17291.02† | 7163.81 | -866.49 | -9528.41 | 7191.91 | 7164.91 | -1507.13 | -9523.20 | -90.10 | 640.66 | 796.94 | 0.80 | FAIL |
| 17306.02† | 7163.84 | -866.62 | -9543.42 | 7190.84 | 7163.84 | -1507.13 | -9523.20 | -90.00 | 640.83 | 797.45 | 0.80 | FAIL |
| 17320.00† | 7163.87 | -866.74 | -9557.39 | 7190.87 | 7163.87 | -1507.13 | -9523.20 | -90.01 | 641.30 | 797.74 | 0.80 | FAIL |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Facility: SEC.11-T05N-R67W Slot: SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) Well: EX. SKYWAY 4-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 17388.56 | 7164.00 | -867.31 | -9625.94 | 7191.00 | 7164.00 | -1507.13 | -9523.20 | -90.02 | 648.01 | 795.99 | 0.81 | FAIL | |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP | | | |
|--|------------|---------|------------------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP | | | |
|--|-------------|--|--|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment Wellbore |
| 0.00 | 7794.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7794> EX. SKYWAY 4-11 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SKYWAY 4-11 AWB Offset Wellpath: EX. SKYWAY 4-11 AWP | |
|---|--|
| MD Reference: Rig on SLOT#03 EX. SKYWAY 4-11 (470'FNL & 6041'FWL, PR/NB-CD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#21 GREELEY-ROTH FEDERAL 13N-2B-L (1003'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2B-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 20.00 | 20.00 | 0.00 | 0.00 | 20.00 | 20.00 | 60.11 | -0.54 | -0.52 | 60.11 | 1.56 | 98.58 | P/ | |
| 120.00† | 120.00 | 0.00 | 0.00 | 120.00 | 120.00 | 60.11 | -0.54 | -0.52 | 60.11 | 1.88 | 64.33 | P/ | |
| 220.00† | 220.00 | 0.00 | 0.00 | 220.00 | 220.00 | 60.11 | -0.54 | -0.52 | 60.11 | 2.45 | 39.78 | P/ | |
| 320.00† | 320.00 | 0.00 | 0.00 | 320.00 | 320.00 | 60.11 | -0.54 | -0.52 | 60.11 | 3.05 | 28.31 | P/ | |
| 420.00† | 420.00 | 0.00 | 0.00 | 420.00 | 420.00 | 60.11 | -0.54 | -0.52 | 60.11 | 3.67 | 21.88 | P/ | |
| 520.00† | 520.00 | 0.00 | 0.00 | 520.00 | 520.00 | 60.11 | -0.54 | -0.52 | 60.11 | 4.29 | 17.80 | P/ | |
| 620.00† | 620.00 | 0.00 | 0.00 | 620.10 | 620.10 | 60.10 | -0.47 | -0.45 | 60.10 | 4.91 | 14.99 | P/ | |
| 720.00† | 720.00 | 0.00 | 0.00 | 720.51 | 720.47 | 59.55 | 1.93 | 1.86 | 59.59 | 5.54 | 12.82 | P/ | |
| 750.00 | 750.00 | 0.00 | 0.00 | 750.59 | 750.52 | 59.24 | 3.32 | 3.21 | 59.33 | 5.73 | 12.25 | P/ | |
| 794.38† | 794.38 | -0.23 | 0.26 | 795.21 | 795.05 | 58.64 | 5.94 | -125.89 | 59.15 | 6.02 | 11.51 | P/ | |
| 820.00† | 819.99 | -0.57 | 0.64 | 820.68 | 820.46 | 58.24 | 7.74 | -124.52 | 59.23 | 6.18 | 11.17 | P/ | |
| 920.00† | 919.90 | -3.33 | 3.78 | 920.60 | 919.93 | 56.16 | 16.94 | -118.89 | 60.93 | 6.90 | 10.10 | P/ | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1020.25 | 1018.75 | 53.32 | 29.47 | -113.35 | 64.87 | 7.68 | 9.52 | P/ | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1119.99 | 1117.43 | 50.12 | 43.58 | -109.80 | 70.75 | 8.47 | 9.30 | P/ | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1219.73 | 1216.11 | 46.93 | 57.70 | -109.23 | 77.93 | 9.29 | 9.24 | P/ | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1294.10 | 1289.69 | 44.55 | 68.22 | -110.30 | 84.05 | 9.93 | 9.27 | P/ | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1319.35 | 1314.68 | 43.74 | 71.79 | -110.87 | 86.25 | 10.15 | 9.29 | P/ | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1418.91 | 1413.19 | 40.55 | 85.88 | -112.87 | 95.02 | 11.00 | 9.37 | P/ | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1518.48 | 1511.70 | 37.36 | 99.97 | -114.52 | 103.89 | 11.86 | 9.44 | P/ | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1618.04 | 1610.21 | 34.17 | 114.06 | -115.92 | 112.82 | 12.74 | 9.50 | P/ | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1717.61 | 1708.72 | 30.98 | 128.15 | -117.11 | 121.81 | 13.62 | 9.55 | P/ | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1817.17 | 1807.23 | 27.79 | 142.24 | -118.13 | 130.85 | 13.86 | 9.89 | P/ | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1916.74 | 1905.75 | 24.60 | 156.33 | -119.03 | 139.93 | 14.04 | 10.44 | P/ | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2016.30 | 2004.26 | 21.41 | 170.43 | -119.81 | 149.03 | 14.30 | 10.91 | P/ | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2115.87 | 2102.77 | 18.22 | 184.52 | -120.50 | 158.16 | 14.65 | 11.29 | P/ | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2215.43 | 2201.28 | 15.03 | 198.61 | -121.12 | 167.30 | 15.08 | 11.59 | P/ | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2315.00 | 2299.79 | 11.84 | 212.70 | -121.68 | 176.47 | 15.58 | 11.82 | P/ | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2414.56 | 2398.30 | 8.65 | 226.79 | -122.18 | 185.65 | 16.15 | 11.98 | P/ | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2514.13 | 2496.82 | 5.46 | 240.88 | -122.63 | 194.84 | 16.77 | 12.08 | P/ | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2613.69 | 2595.33 | 2.27 | 254.97 | -123.04 | 204.05 | 17.45 | 12.14 | P/ | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#21 GREELEY-ROTH FEDERAL 13N-2B-L (1003'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2B-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|----------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2713.26 | 2693.84 | -0.92 | 269.06 | -123.42 | 213.26 | 18.18 | 12.17 | P _i | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2812.83 | 2792.35 | -4.10 | 283.15 | -123.76 | 222.48 | 18.95 | 12.16 | P _i | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2912.39 | 2890.86 | -7.29 | 297.24 | -124.08 | 231.71 | 19.75 | 12.13 | P _i | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3011.96 | 2989.37 | -10.48 | 311.33 | -124.37 | 240.95 | 20.59 | 12.09 | P _i | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3111.52 | 3087.89 | -13.67 | 325.42 | -124.64 | 250.19 | 21.45 | 12.03 | P _i | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3211.09 | 3186.40 | -16.86 | 339.51 | -124.89 | 259.44 | 22.34 | 11.96 | P _i | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3310.65 | 3284.91 | -20.05 | 353.60 | -125.13 | 268.69 | 23.25 | 11.89 | P _i | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3410.22 | 3383.42 | -23.24 | 367.69 | -125.35 | 277.94 | 24.18 | 11.81 | P _i | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3509.78 | 3481.93 | -26.43 | 381.78 | -125.55 | 287.20 | 25.13 | 11.73 | P _i | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3609.35 | 3580.44 | -29.62 | 395.87 | -125.74 | 296.46 | 26.09 | 11.65 | P _i | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3708.91 | 3678.96 | -32.81 | 409.96 | -125.93 | 305.73 | 27.06 | 11.57 | P _i | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3808.48 | 3777.47 | -36.00 | 424.05 | -126.09 | 315.00 | 28.05 | 11.49 | P _i | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3908.04 | 3875.98 | -39.19 | 438.14 | -126.26 | 324.27 | 29.05 | 11.42 | P _i | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4007.61 | 3974.49 | -42.38 | 452.23 | -126.41 | 333.54 | 30.06 | 11.34 | P _i | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4107.17 | 4073.00 | -45.57 | 466.32 | -126.55 | 342.82 | 31.08 | 11.27 | P _i | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4206.74 | 4171.51 | -48.76 | 480.41 | -126.68 | 352.10 | 32.10 | 11.19 | P _i | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4306.31 | 4270.03 | -51.95 | 494.50 | -126.81 | 361.38 | 33.14 | 11.12 | P _i | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4405.87 | 4368.54 | -55.14 | 508.59 | -126.94 | 370.66 | 34.18 | 11.05 | P _i | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4505.44 | 4467.05 | -58.33 | 522.68 | -127.05 | 379.94 | 35.22 | 10.99 | P _i | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4605.00 | 4565.56 | -61.52 | 536.77 | -127.16 | 389.22 | 36.27 | 10.92 | P _i | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4704.57 | 4664.07 | -64.70 | 550.86 | -127.27 | 398.51 | 37.33 | 10.86 | P _i | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4804.13 | 4762.58 | -67.89 | 564.95 | -127.37 | 407.80 | 38.39 | 10.80 | P _i | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4903.70 | 4861.10 | -71.08 | 579.04 | -127.46 | 417.09 | 39.45 | 10.75 | P _i | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5003.26 | 4959.61 | -74.27 | 593.13 | -127.56 | 426.37 | 40.52 | 10.69 | P _i | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5102.83 | 5058.12 | -77.46 | 607.22 | -127.64 | 435.67 | 41.60 | 10.64 | P _i | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5202.39 | 5156.63 | -80.65 | 621.31 | -127.73 | 444.96 | 42.67 | 10.59 | P _i | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5301.96 | 5255.14 | -83.84 | 635.40 | -127.81 | 454.25 | 43.75 | 10.54 | P _i | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5401.52 | 5353.65 | -87.03 | 649.49 | -127.89 | 463.54 | 44.83 | 10.49 | P _i | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5501.09 | 5452.17 | -90.22 | 663.58 | -127.96 | 472.84 | 45.92 | 10.44 | P _i | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5600.65 | 5550.68 | -93.41 | 677.67 | -128.03 | 482.13 | 47.00 | 10.40 | P _i | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 55 of 173



| REFERENCE WELLPATH IDENTIFICATION | | | | | | | | | | | |
|-----------------------------------|---------------------------------|--|--|--|--|----------|--|--|--|--|--|
| Operator | SRC ENERGY | | | | | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) | | | | |
| Area | COLORADO | | | | | Well | GREELEY-ROTH 34C-2-L | | | | |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | | | | | Wellbore | GREELEY-ROTH 34C-2-L PWB | | | | |
| Facility | SEC.01-T05N-R67W | | | | | | | | | | |

| CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0) | | | | | | | | | | | | | |
|---|-----------------|--|------------------|-------------------|--------------------|-------------------------------------|---------------------|----------------------------|---------------------------|----------------------|--------------|-------------------------------|--|
| Facility: SEC.01-T05N-R67W | | Slot: SLOT#21 GREELEY-ROTH FEDERAL 13N-2B-L (1003'FSL & 294'FEL, SEC.01) | | | | Well: GREELEY-ROTH FEDERAL 13N-2B-L | | | | Threshold Value=1.00 | | † = interpolated/extrapolated | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | z St | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5700.22 | 5649.19 | -96.60 | 691.76 | -128.10 | 491.43 | 48.09 | 10.36 | P. | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5799.79 | 5747.70 | -99.79 | 705.85 | -128.17 | 500.72 | 49.18 | 10.31 | P. | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5899.35 | 5846.21 | -102.98 | 719.94 | -128.23 | 510.02 | 50.28 | 10.27 | P. | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5998.92 | 5944.72 | -106.17 | 734.03 | -128.29 | 519.32 | 51.37 | 10.24 | P. | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6098.48 | 6043.24 | -109.36 | 748.12 | -128.35 | 528.61 | 52.47 | 10.20 | P. | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6198.05 | 6141.75 | -112.55 | 762.21 | -128.41 | 537.91 | 53.57 | 10.16 | P. | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6297.61 | 6240.26 | -115.74 | 776.30 | -128.47 | 547.21 | 54.67 | 10.13 | P. | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6400.24 | 6342.41 | -119.05 | 784.34 | -129.20 | 556.26 | 55.88 | 10.07 | P. | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6498.77 | 6440.49 | -122.23 | 776.63 | -131.43 | 565.24 | 57.35 | 9.97 | P. | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6500.83 | 6442.53 | -122.30 | 776.30 | -131.49 | 565.45 | 57.38 | 9.96 | P. | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6591.49 | 6530.66 | -125.16 | 755.63 | 171.79 | 575.54 | 58.65 | 9.92 | P. | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6680.72 | 6613.70 | -127.86 | 723.26 | 121.17 | 587.22 | 59.89 | 9.91 | P. | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6767.08 | 6688.99 | -130.32 | 681.17 | 102.52 | 599.69 | 61.26 | 9.89 | P. | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6851.07 | 6756.11 | -132.51 | 630.83 | 93.26 | 612.36 | 62.25 | 9.94 | P. | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6933.15 | 6814.75 | -134.44 | 573.51 | 87.41 | 624.66 | 64.04 | 9.85 | P. | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7013.70 | 6864.67 | -136.08 | 510.39 | 83.29 | 636.08 | 65.99 | 9.73 | P. | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7093.05 | 6905.68 | -137.43 | 442.52 | 80.28 | 646.14 | 68.54 | 9.51 | P. | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7171.50 | 6937.62 | -138.49 | 370.93 | 78.10 | 654.47 | 71.69 | 9.21 | P. | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7249.31 | 6960.37 | -139.25 | 296.58 | 76.62 | 660.78 | 75.37 | 8.84 | P. | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7326.72 | 6973.85 | -139.72 | 220.40 | 75.76 | 664.84 | 79.56 | 8.42 | P. | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7396.86 | 6978.00 | -139.87 | 150.42 | 75.49 | 666.48 | 83.62 | 8.03 | P. | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7404.46 | 6977.99 | -139.88 | 142.82 | 75.49 | 666.56 | 84.05 | 7.99 | P. | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7504.45 | 6977.57 | -139.90 | 42.83 | 75.46 | 667.51 | 89.51 | 7.51 | P. | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7604.45 | 6977.15 | -139.92 | -57.17 | 75.42 | 668.46 | 95.48 | 7.05 | P. | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7704.44 | 6976.72 | -139.94 | -157.16 | 75.39 | 669.41 | 101.90 | 6.61 | P. | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7804.44 | 6976.30 | -139.96 | -257.16 | 75.36 | 670.36 | 108.68 | 6.20 | P. | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7904.43 | 6975.88 | -139.98 | -357.15 | 75.32 | 671.31 | 115.75 | 5.83 | P. | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 8004.43 | 6975.46 | -140.00 | -457.14 | 75.29 | 672.26 | 123.07 | 5.49 | P. | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 8104.42 | 6975.04 | -140.02 | -557.14 | 75.26 | 673.21 | 130.60 | 5.18 | P. | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 8204.42 | 6974.62 | -140.04 | -657.13 | 75.22 | 674.16 | 138.29 | 4.89 | P. | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 56 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#21 GREELEY-ROTH FEDERAL 13N-2B-L (1003'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2B-L Threshold Value=1.00 † = interpolated/extrapolated | | | | | | | | | | | | | s |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|---|----|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | Z | Si |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 8304.41 | 6974.19 | -140.06 | -757.12 | 75.19 | 675.11 | 146.13 | 4.64 | P | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 8404.41 | 6973.77 | -140.08 | -857.12 | 75.16 | 676.06 | 154.08 | 4.40 | P | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 8504.40 | 6973.35 | -140.10 | -957.11 | 75.13 | 677.01 | 162.14 | 4.19 | P | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 8604.39 | 6972.93 | -140.12 | -1057.11 | 75.09 | 677.96 | 170.28 | 3.99 | P | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 8704.39 | 6972.51 | -140.15 | -1157.10 | 75.06 | 678.91 | 178.50 | 3.81 | P | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 8804.38 | 6972.08 | -140.17 | -1257.09 | 75.03 | 679.86 | 186.78 | 3.65 | P | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 8904.38 | 6971.66 | -140.19 | -1357.09 | 75.00 | 680.81 | 195.12 | 3.50 | P | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 9004.37 | 6971.24 | -140.21 | -1457.08 | 74.96 | 681.77 | 203.50 | 3.36 | P | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 9104.37 | 6970.82 | -140.23 | -1557.08 | 74.93 | 682.72 | 211.93 | 3.23 | P | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 9204.36 | 6970.40 | -140.25 | -1657.07 | 74.90 | 683.67 | 220.40 | 3.11 | P | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 9304.36 | 6969.97 | -140.27 | -1757.06 | 74.87 | 684.62 | 228.89 | 3.00 | P | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 9404.35 | 6969.55 | -140.29 | -1857.06 | 74.83 | 685.58 | 237.42 | 2.89 | P | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 9504.35 | 6969.13 | -140.31 | -1957.05 | 74.80 | 686.53 | 245.97 | 2.80 | P | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 9604.34 | 6968.71 | -140.33 | -2057.04 | 74.77 | 687.48 | 254.55 | 2.71 | P | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 9704.34 | 6968.29 | -140.35 | -2157.04 | 74.74 | 688.44 | 263.15 | 2.62 | P | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 9804.33 | 6967.87 | -140.37 | -2257.03 | 74.71 | 689.39 | 271.76 | 2.54 | P | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 9904.33 | 6967.44 | -140.39 | -2357.03 | 74.68 | 690.34 | 280.39 | 2.47 | P | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 10004.32 | 6967.02 | -140.41 | -2457.02 | 74.65 | 691.30 | 289.04 | 2.40 | P | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 10104.32 | 6966.60 | -140.43 | -2557.01 | 74.61 | 692.25 | 297.70 | 2.33 | P | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 10204.31 | 6966.18 | -140.46 | -2657.01 | 74.58 | 693.21 | 306.37 | 2.27 | P | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 10304.31 | 6965.76 | -140.48 | -2757.00 | 74.55 | 694.16 | 315.05 | 2.21 | P | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 10404.30 | 6965.33 | -140.50 | -2857.00 | 74.52 | 695.11 | 323.74 | 2.15 | P | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 10504.29 | 6964.91 | -140.52 | -2956.99 | 74.49 | 696.07 | 332.44 | 2.10 | P | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 10604.29 | 6964.49 | -140.54 | -3056.98 | 74.46 | 697.03 | 341.14 | 2.05 | P | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 10704.28 | 6964.07 | -140.56 | -3156.98 | 74.43 | 697.98 | 349.86 | 2.00 | P | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 10804.28 | 6963.65 | -140.58 | -3256.97 | 74.40 | 698.94 | 358.58 | 1.95 | P | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 10904.27 | 6963.22 | -140.60 | -3356.96 | 74.37 | 699.89 | 367.30 | 1.91 | P | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 11004.27 | 6962.80 | -140.62 | -3456.96 | 74.34 | 700.85 | 376.04 | 1.87 | P | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 11104.26 | 6962.38 | -140.64 | -3556.95 | 74.31 | 701.80 | 384.77 | 1.83 | P | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 11204.26 | 6961.96 | -140.66 | -3656.95 | 74.28 | 702.76 | 393.51 | 1.79 | P | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 57 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#21 GREELEY-ROTH FEDERAL 13N-2B-L (1003'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13N-2B-L Threshold Value=1.00 † = interpolated/extrapolated | | | | | | | | | | | | | z |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|---|---|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | | z |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 11304.25 | 6961.54 | -140.68 | -3756.94 | 74.25 | 703.72 | 402.25 | 1.75 | P | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 11404.25 | 6961.11 | -140.70 | -3856.93 | 74.22 | 704.67 | 411.00 | 1.72 | P | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 11504.24 | 6960.69 | -140.72 | -3956.93 | 74.19 | 705.63 | 419.75 | 1.68 | P | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 11604.24 | 6960.27 | -140.74 | -4056.92 | 74.16 | 706.59 | 428.50 | 1.65 | P | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 11704.23 | 6959.85 | -140.77 | -4156.92 | 74.13 | 707.55 | 437.26 | 1.62 | P | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 11804.23 | 6959.43 | -140.79 | -4256.91 | 74.10 | 708.50 | 446.02 | 1.59 | P | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 11904.22 | 6959.01 | -140.81 | -4356.90 | 74.07 | 709.46 | 454.77 | 1.56 | P | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 12004.22 | 6958.58 | -140.83 | -4456.90 | 74.04 | 710.42 | 463.54 | 1.53 | P | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 12104.21 | 6958.16 | -140.85 | -4556.89 | 74.01 | 711.38 | 472.30 | 1.51 | P | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 12204.21 | 6957.74 | -140.87 | -4656.88 | 73.98 | 712.34 | 481.06 | 1.48 | P | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 12304.20 | 6957.32 | -140.89 | -4756.88 | 73.95 | 713.29 | 489.82 | 1.46 | P | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 12404.19 | 6956.90 | -140.91 | -4856.87 | 73.92 | 714.25 | 498.59 | 1.43 | P | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 12504.19 | 6956.47 | -140.93 | -4956.87 | 73.89 | 715.21 | 507.35 | 1.41 | P | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 12604.18 | 6956.05 | -140.95 | -5056.86 | 73.86 | 716.17 | 516.12 | 1.39 | P | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 12704.18 | 6955.63 | -140.97 | -5156.85 | 73.83 | 717.13 | 524.89 | 1.37 | P | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 12804.17 | 6955.21 | -140.99 | -5256.85 | 73.80 | 718.09 | 533.65 | 1.35 | P | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 12904.17 | 6954.79 | -141.01 | -5356.84 | 73.78 | 719.05 | 542.42 | 1.33 | P | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 13004.16 | 6954.36 | -141.03 | -5456.84 | 73.75 | 720.01 | 551.19 | 1.31 | P | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 13104.16 | 6953.94 | -141.06 | -5556.83 | 73.72 | 720.97 | 559.95 | 1.29 | P | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 13204.15 | 6953.52 | -141.08 | -5656.82 | 73.69 | 721.93 | 568.72 | 1.27 | P | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 13304.15 | 6953.10 | -141.10 | -5756.82 | 73.66 | 722.89 | 577.49 | 1.25 | P | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 13404.14 | 6952.68 | -141.12 | -5856.81 | 73.63 | 723.85 | 586.25 | 1.23 | P | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 13504.14 | 6952.26 | -141.14 | -5956.80 | 73.60 | 724.81 | 595.02 | 1.22 | P | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 13604.13 | 6951.83 | -141.16 | -6056.80 | 73.57 | 725.77 | 603.78 | 1.20 | P | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 13704.13 | 6951.41 | -141.18 | -6156.79 | 73.55 | 726.73 | 612.54 | 1.19 | P | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 13804.12 | 6950.99 | -141.20 | -6256.79 | 73.52 | 727.69 | 621.31 | 1.17 | P | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 13904.12 | 6950.57 | -141.22 | -6356.78 | 73.49 | 728.66 | 630.07 | 1.16 | P | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 14004.11 | 6950.15 | -141.24 | -6456.77 | 73.46 | 729.62 | 638.83 | 1.14 | P | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 14104.11 | 6949.72 | -141.26 | -6556.77 | 73.43 | 730.58 | 647.59 | 1.13 | P | |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 14204.10 | 6949.30 | -141.28 | -6656.76 | 73.41 | 731.54 | 656.35 | 1.11 | P | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W | | | | Slot: SLOT#21 GREELEY-ROTH FEDERAL 13N-2B-L (1003'FSL & 294'FEL, SEC.01) | | | | Well: GREELEY-ROTH FEDERAL 13N-2B-L | | Threshold Value=1.00 † = interpolated/extrapolated | | | |
|----------------------------|--------------|----------------|---------------|--|-----------------|-------------------|------------------|-------------------------------------|---------------------|--|-----------|------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | Z St | |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 14304.09 | 6948.88 | -141.30 | -6756.76 | 73.38 | 732.50 | 665.11 | 1.10 | P | |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 14404.09 | 6948.46 | -141.32 | -6856.75 | 73.35 | 733.46 | 673.87 | 1.09 | P | |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 14504.08 | 6948.04 | -141.34 | -6956.74 | 73.32 | 734.43 | 682.63 | 1.08 | P | |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 14604.08 | 6947.61 | -141.37 | -7056.74 | 73.29 | 735.39 | 691.38 | 1.06 | P | |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 14704.07 | 6947.19 | -141.39 | -7156.73 | 73.27 | 736.35 | 700.14 | 1.05 | P | |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 14804.07 | 6946.77 | -141.41 | -7256.72 | 73.24 | 737.32 | 708.89 | 1.04 | P | |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 14904.06 | 6946.35 | -141.43 | -7356.72 | 73.21 | 738.28 | 717.64 | 1.03 | P | |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 15004.06 | 6945.93 | -141.45 | -7456.71 | 73.19 | 739.24 | 726.39 | 1.02 | P | |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 15104.05 | 6945.50 | -141.47 | -7556.71 | 73.16 | 740.21 | 735.14 | 1.01 | P | |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 15204.05 | 6945.08 | -141.49 | -7656.70 | 73.13 | 741.17 | 743.89 | 1.00 | F | |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 15304.04 | 6944.66 | -141.51 | -7756.69 | 73.10 | 742.13 | 752.64 | 0.99 | F | |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 15404.04 | 6944.24 | -141.53 | -7856.69 | 73.08 | 743.10 | 761.38 | 0.98 | F | |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 15504.03 | 6943.82 | -141.55 | -7956.68 | 73.05 | 744.06 | 770.13 | 0.97 | F | |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 15604.03 | 6943.40 | -141.57 | -8056.68 | 73.02 | 745.03 | 778.87 | 0.96 | F | |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 15704.02 | 6942.97 | -141.59 | -8156.67 | 73.00 | 745.99 | 787.61 | 0.95 | F | |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 15804.02 | 6942.55 | -141.61 | -8256.66 | 72.97 | 746.95 | 796.35 | 0.94 | F | |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 15904.01 | 6942.13 | -141.63 | -8356.66 | 72.94 | 747.92 | 805.09 | 0.93 | F | |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 16004.01 | 6941.71 | -141.66 | -8456.65 | 72.92 | 748.88 | 813.83 | 0.92 | F | |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 16104.00 | 6941.29 | -141.68 | -8556.64 | 72.89 | 749.85 | 822.56 | 0.91 | F | |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 16203.99 | 6940.86 | -141.70 | -8656.64 | 72.86 | 750.81 | 831.30 | 0.90 | F | |
| 16520.00† | 7162.31 | -860.01 | -8757.42 | 16303.99 | 6940.44 | -141.72 | -8756.63 | 72.83 | 751.78 | 840.03 | 0.89 | F | |
| 16620.00† | 7162.51 | -860.85 | -8857.42 | 16403.98 | 6940.02 | -141.74 | -8856.63 | 72.81 | 752.75 | 848.76 | 0.89 | F | |
| 16720.00† | 7162.70 | -861.69 | -8957.41 | 16503.98 | 6939.60 | -141.76 | -8956.62 | 72.78 | 753.71 | 857.49 | 0.88 | F | |
| 16820.00† | 7162.90 | -862.53 | -9057.41 | 16603.97 | 6939.18 | -141.78 | -9056.61 | 72.76 | 754.68 | 866.22 | 0.87 | F | |
| 16920.00† | 7163.09 | -863.37 | -9157.40 | 16703.97 | 6938.75 | -141.80 | -9156.61 | 72.73 | 755.64 | 874.94 | 0.86 | F | |
| 17020.00† | 7163.28 | -864.22 | -9257.40 | 16803.96 | 6938.33 | -141.82 | -9256.60 | 72.70 | 756.61 | 883.67 | 0.86 | F | |
| 17120.00† | 7163.48 | -865.06 | -9357.40 | 16903.96 | 6937.91 | -141.84 | -9356.60 | 72.68 | 757.58 | 892.39 | 0.85 | F | |
| 17220.00† | 7163.67 | -865.90 | -9457.39 | 17003.95 | 6937.49 | -141.86 | -9456.59 | 72.65 | 758.54 | 901.11 | 0.84 | F | |
| 17320.00† | 7163.87 | -866.74 | -9557.39 | 17103.95 | 6937.07 | -141.88 | -9556.58 | 72.63 | 759.51 | 909.83 | 0.83 | F | |
| 17388.56 | 7164.00 | -867.31 | -9625.94 | 17172.50 | 6936.78 | -141.90 | -9625.14 | 72.61 | 760.17 | 915.81 | 0.83 | F | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 20.00 | 1740.77 | 36.64 | -0.33 | 27.45 | 40.29 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 20.00 | 1740.77 | 36.64 | -0.33 | 27.45 | 40.29 |
| 8.5in Open Hole | 1750.00 | 17356.82 | 15606.82 | 1740.77 | N/A | 27.45 | 40.29 | N/A | N/A |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|---|------------------|-----------------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 13N-2B-L PWB |
| 1750.00 | 17356.82 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 13N-2B-L PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 13N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13N-2B-L PWP (REV-A.0)

| | |
|---|---|
| MD Reference: PRECISION 462 (20") (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SWAFFORD 11-11 AWB Offset Wellpath: EX. SWAFFORD 11-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) Well: EX. SWAFFORD 11-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 72.00 | 20.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 50.32 | 122.10 | PASS |
| 120.00† | 120.00 | 0.00 | 0.00 | 172.00 | 120.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 51.05 | 120.31 | PASS |
| 220.00† | 220.00 | 0.00 | 0.00 | 272.00 | 220.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 52.51 | 116.91 | PASS |
| 320.00† | 320.00 | 0.00 | 0.00 | 372.00 | 320.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 54.60 | 112.36 | PASS |
| 420.00† | 420.00 | 0.00 | 0.00 | 472.00 | 420.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 57.20 | 107.16 | PASS |
| 520.00† | 520.00 | 0.00 | 0.00 | 572.00 | 520.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 60.19 | 101.74 | PASS |
| 620.00† | 620.00 | 0.00 | 0.00 | 672.00 | 620.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 63.50 | 96.36 | PASS |
| 720.00† | 720.00 | 0.00 | 0.00 | 772.00 | 720.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 67.03 | 91.21 | PASS |
| 750.00 | 750.00 | 0.00 | 0.00 | 802.00 | 750.00 | -1405.17 | -5860.86 | -103.48 | 6026.96 | 68.12 | 89.73 | PASS |
| 820.00† | 819.99 | -0.57 | 0.84 | 871.99 | 819.99 | -1405.17 | -5860.86 | 125.11 | 6027.45 | 70.75 | 86.35 | PASS |
| 920.00† | 919.90 | -3.33 | 3.78 | 971.90 | 919.90 | -1405.17 | -5860.86 | 125.11 | 6029.86 | 74.62 | 81.86 | PASS |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1071.60 | 1019.60 | -1405.17 | -5860.86 | 125.09 | 6034.28 | 78.59 | 77.72 | PASS |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1170.97 | 1118.97 | -1405.17 | -5860.86 | 125.08 | 6040.71 | 82.64 | 73.94 | PASS |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1269.89 | 1217.89 | -1405.17 | -5860.86 | 125.05 | 6049.17 | 86.75 | 70.50 | PASS |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1343.37 | 1291.37 | -1405.17 | -5860.86 | 125.02 | 6056.80 | 89.84 | 68.14 | PASS |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1368.27 | 1316.27 | -1405.17 | -5860.86 | 125.06 | 6059.58 | 90.89 | 67.38 | PASS |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1466.47 | 1414.47 | -1405.17 | -5860.86 | 125.21 | 6070.59 | 95.05 | 64.51 | PASS |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1564.66 | 1512.66 | -1405.17 | -5860.86 | 125.35 | 6081.63 | 99.26 | 61.86 | PASS |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1662.86 | 1610.86 | -1405.17 | -5860.86 | 125.49 | 6092.72 | 103.50 | 59.41 | PASS |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1761.06 | 1709.06 | -1405.17 | -5860.86 | 125.63 | 6103.84 | 107.77 | 57.14 | PASS |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1859.26 | 1807.26 | -1405.17 | -5860.86 | 125.78 | 6115.00 | 111.78 | 55.05 | PASS |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1957.46 | 1905.46 | -1405.17 | -5860.86 | 125.92 | 6126.20 | 116.04 | 53.11 | PASS |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2055.66 | 2003.66 | -1405.17 | -5860.86 | 126.06 | 6137.44 | 120.34 | 51.30 | PASS |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2153.85 | 2101.85 | -1405.17 | -5860.86 | 126.20 | 6148.71 | 124.65 | 49.60 | PASS |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2252.05 | 2200.05 | -1405.17 | -5860.86 | 126.34 | 6160.02 | 129.00 | 48.01 | PASS |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2350.25 | 2298.25 | -1405.17 | -5860.86 | 126.48 | 6171.37 | 133.36 | 46.52 | PASS |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2448.45 | 2396.45 | -1405.17 | -5860.86 | 126.62 | 6182.76 | 137.75 | 45.11 | PASS |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2546.65 | 2494.65 | -1405.17 | -5860.86 | 126.76 | 6194.18 | 142.16 | 43.78 | PASS |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2644.85 | 2592.85 | -1405.17 | -5860.86 | 126.90 | 6205.64 | 146.60 | 42.53 | PASS |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2743.04 | 2691.04 | -1405.17 | -5860.86 | 127.03 | 6217.13 | 151.05 | 41.36 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 61 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SWAFFORD 11-11 AWP Offset Wellpath: EX. SWAFFORD 11-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) Well: EX. SWAFFORD 11-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2841.24 | 2789.24 | -1405.17 | -5860.86 | 127.17 | 6228.67 | 155.51 | 40.23 | PASS | | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2939.44 | 2887.44 | -1405.17 | -5860.86 | 127.31 | 6240.23 | 160.00 | 39.17 | PASS | | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3037.64 | 2985.64 | -1405.17 | -5860.86 | 127.44 | 6251.84 | 164.50 | 38.16 | PASS | | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3135.84 | 3083.84 | -1405.17 | -5860.86 | 127.58 | 6263.47 | 169.02 | 37.21 | PASS | | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3234.03 | 3182.03 | -1405.17 | -5860.86 | 127.72 | 6275.15 | 173.56 | 36.30 | PASS | | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3332.23 | 3280.23 | -1405.17 | -5860.86 | 127.85 | 6286.86 | 178.11 | 35.44 | PASS | | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3430.43 | 3378.43 | -1405.17 | -5860.86 | 127.98 | 6298.60 | 182.67 | 34.61 | PASS | | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3528.63 | 3476.63 | -1405.17 | -5860.86 | 128.12 | 6310.38 | 187.25 | 33.83 | PASS | | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3626.83 | 3574.83 | -1405.17 | -5860.86 | 128.25 | 6322.19 | 191.84 | 33.07 | PASS | | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3725.03 | 3673.03 | -1405.17 | -5860.86 | 128.38 | 6334.04 | 196.44 | 32.36 | PASS | | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3823.22 | 3771.22 | -1405.17 | -5860.86 | 128.51 | 6345.92 | 201.05 | 31.67 | PASS | | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3921.42 | 3869.42 | -1405.17 | -5860.86 | 128.65 | 6357.84 | 205.68 | 31.01 | PASS | | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4019.62 | 3967.62 | -1405.17 | -5860.86 | 128.78 | 6369.79 | 210.32 | 30.39 | PASS | | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4117.82 | 4065.82 | -1405.17 | -5860.86 | 128.91 | 6381.77 | 214.97 | 29.78 | PASS | | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4216.02 | 4164.02 | -1405.17 | -5860.86 | 129.04 | 6393.79 | 219.63 | 29.20 | PASS | | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4314.22 | 4262.22 | -1405.17 | -5860.86 | 129.17 | 6405.84 | 224.30 | 28.65 | PASS | | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4412.41 | 4360.41 | -1405.17 | -5860.86 | 129.30 | 6417.92 | 228.98 | 28.11 | PASS | | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4510.61 | 4458.61 | -1405.17 | -5860.86 | 129.43 | 6430.03 | 233.67 | 27.60 | PASS | | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4608.81 | 4556.81 | -1405.17 | -5860.86 | 129.56 | 6442.18 | 238.36 | 27.10 | PASS | | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4707.01 | 4655.01 | -1405.17 | -5860.86 | 129.68 | 6454.36 | 243.07 | 26.63 | PASS | | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4805.21 | 4753.21 | -1405.17 | -5860.86 | 129.81 | 6466.57 | 247.79 | 26.17 | PASS | | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4903.40 | 4851.40 | -1405.17 | -5860.86 | 129.94 | 6478.82 | 252.51 | 25.73 | PASS | | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5001.60 | 4949.60 | -1405.17 | -5860.86 | 130.07 | 6491.10 | 257.24 | 25.30 | PASS | | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5099.80 | 5047.80 | -1405.17 | -5860.86 | 130.19 | 6503.40 | 261.98 | 24.89 | PASS | | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5198.00 | 5146.00 | -1405.17 | -5860.86 | 130.32 | 6515.74 | 266.73 | 24.49 | PASS | | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5296.20 | 5244.20 | -1405.17 | -5860.86 | 130.44 | 6528.12 | 271.48 | 24.11 | PASS | | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5394.40 | 5342.40 | -1405.17 | -5860.86 | 130.57 | 6540.52 | 276.24 | 23.74 | PASS | | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5492.59 | 5440.59 | -1405.17 | -5860.86 | 130.69 | 6552.95 | 281.00 | 23.38 | PASS | | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5590.79 | 5538.79 | -1405.17 | -5860.86 | 130.82 | 6565.42 | 285.78 | 23.03 | PASS | | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5688.99 | 5636.99 | -1405.17 | -5860.86 | 130.94 | 6577.91 | 290.56 | 22.69 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SWAFFORD 11-11 AWP Offset Wellpath: EX. SWAFFORD 11-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) Well: EX. SWAFFORD 11-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5787.19 | 5735.19 | -1405.17 | -5860.86 | 131.06 | 6590.44 | 295.34 | 22.37 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5885.39 | 5833.39 | -1405.17 | -5860.86 | 131.18 | 6602.99 | 300.13 | 22.05 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5983.58 | 5931.58 | -1405.17 | -5860.86 | 131.31 | 6615.58 | 304.93 | 21.74 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6081.78 | 6029.78 | -1405.17 | -5860.86 | 131.43 | 6628.20 | 309.73 | 21.45 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6179.98 | 6127.98 | -1405.17 | -5860.86 | 131.55 | 6640.84 | 314.53 | 21.16 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6278.18 | 6226.18 | -1405.17 | -5860.86 | 131.67 | 6653.52 | 319.34 | 20.88 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6376.38 | 6324.38 | -1405.17 | -5860.86 | 131.79 | 6666.22 | 324.16 | 20.61 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6474.58 | 6422.58 | -1405.17 | -5860.86 | 131.91 | 6678.96 | 328.98 | 20.34 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6476.71 | 6424.71 | -1405.17 | -5860.86 | 131.91 | 6679.23 | 329.08 | 20.34 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6573.44 | 6521.44 | -1405.17 | -5860.86 | 78.91 | 6684.27 | 333.89 | 20.06 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6672.12 | 6620.12 | -1405.17 | -5860.86 | 31.74 | 6674.01 | 339.12 | 19.72 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6768.17 | 6716.17 | -1405.17 | -5860.86 | 16.14 | 6648.42 | 344.48 | 19.34 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6859.23 | 6807.23 | -1405.17 | -5860.86 | 9.43 | 6608.12 | 349.44 | 18.95 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6943.06 | 6891.06 | -1405.17 | -5860.86 | 5.54 | 6554.10 | 353.90 | 18.55 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7017.59 | 6965.59 | -1405.17 | -5860.86 | 2.64 | 6487.67 | 357.78 | 18.17 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7081.00 | 7029.00 | -1405.17 | -5860.86 | -0.16 | 6410.49 | 361.01 | 17.79 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7131.71 | 7079.71 | -1405.17 | -5860.86 | -3.77 | 6324.43 | 363.54 | 17.43 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7168.48 | 7116.48 | -1405.17 | -5860.86 | -10.15 | 6231.62 | 365.34 | 17.09 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7190.41 | 7138.41 | -1405.17 | -5860.86 | -27.67 | 6134.36 | 366.40 | 16.77 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7197.00 | 7145.00 | -1405.17 | -5860.86 | -88.82 | 6044.19 | 366.72 | 16.51 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7197.02 | 7145.02 | -1405.17 | -5860.86 | -88.83 | 6035.04 | 366.73 | 16.49 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7197.21 | 7145.21 | -1405.17 | -5860.86 | -88.85 | 5935.50 | 366.77 | 16.21 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7197.41 | 7145.41 | -1405.17 | -5860.86 | -88.87 | 5835.97 | 366.81 | 15.94 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7197.60 | 7145.60 | -1405.17 | -5860.86 | -88.88 | 5736.45 | 366.87 | 15.66 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7197.80 | 7145.80 | -1405.17 | -5860.86 | -88.90 | 5636.96 | 366.94 | 15.39 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7197.99 | 7145.99 | -1405.17 | -5860.86 | -88.92 | 5537.48 | 367.01 | 15.12 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7198.18 | 7146.18 | -1405.17 | -5860.86 | -88.94 | 5438.02 | 367.10 | 14.84 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7198.38 | 7146.38 | -1405.17 | -5860.86 | -88.96 | 5338.58 | 367.19 | 14.56 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7198.57 | 7146.57 | -1405.17 | -5860.86 | -88.98 | 5239.16 | 367.31 | 14.29 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7198.77 | 7146.77 | -1405.17 | -5860.86 | -89.00 | 5139.76 | 367.43 | 14.01 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SWAFFORD 11-11 AWB Offset Wellpath: EX. SWAFFORD 11-11 AWP

| Facility: SEC.11-T05N-R67W | | | | Slot: SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) | | Well: EX. SWAFFORD 11-11 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | |
|----------------------------|-----------------|-------------------|------------------|--|--------------------|--------------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7198.96 | 7146.96 | -1405.17 | -5860.86 | -89.02 | 5040.39 | 367.57 | 13.74 | PASS |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7199.16 | 7147.16 | -1405.17 | -5860.86 | -89.04 | 4941.05 | 367.73 | 13.46 | PASS |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7199.35 | 7147.35 | -1405.17 | -5860.86 | -89.06 | 4841.73 | 367.90 | 13.18 | PASS |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7199.54 | 7147.54 | -1405.17 | -5860.86 | -89.08 | 4742.43 | 368.09 | 12.91 | PASS |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7199.74 | 7147.74 | -1405.17 | -5860.86 | -89.10 | 4643.17 | 368.31 | 12.63 | PASS |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7199.93 | 7147.93 | -1405.17 | -5860.86 | -89.12 | 4543.95 | 368.55 | 12.35 | PASS |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7200.13 | 7148.13 | -1405.17 | -5860.86 | -89.14 | 4444.75 | 368.81 | 12.07 | PASS |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7200.32 | 7148.32 | -1405.17 | -5860.86 | -89.16 | 4345.60 | 369.10 | 11.79 | PASS |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7200.52 | 7148.52 | -1405.17 | -5860.86 | -89.18 | 4246.48 | 369.42 | 11.52 | PASS |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7200.71 | 7148.71 | -1405.17 | -5860.86 | -89.20 | 4147.40 | 369.77 | 11.24 | PASS |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7200.90 | 7148.90 | -1405.17 | -5860.86 | -89.22 | 4048.37 | 370.17 | 10.96 | PASS |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7201.10 | 7149.10 | -1405.17 | -5860.86 | -89.24 | 3949.39 | 370.60 | 10.68 | PASS |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7201.29 | 7149.29 | -1405.17 | -5860.86 | -89.26 | 3850.47 | 371.07 | 10.39 | PASS |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7201.49 | 7149.49 | -1405.17 | -5860.86 | -89.28 | 3751.60 | 371.59 | 10.11 | PASS |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7201.68 | 7149.68 | -1405.17 | -5860.86 | -89.30 | 3652.79 | 372.17 | 9.83 | PASS |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7201.88 | 7149.88 | -1405.17 | -5860.86 | -89.31 | 3554.04 | 372.81 | 9.55 | PASS |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7202.07 | 7150.07 | -1405.17 | -5860.86 | -89.33 | 3455.37 | 373.51 | 9.27 | PASS |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7202.26 | 7150.26 | -1405.17 | -5860.86 | -89.35 | 3356.78 | 374.28 | 8.98 | PASS |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7202.46 | 7150.46 | -1405.17 | -5860.86 | -89.37 | 3258.27 | 375.13 | 8.70 | PASS |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7202.65 | 7150.65 | -1405.17 | -5860.86 | -89.39 | 3159.86 | 376.08 | 8.42 | PASS |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7202.85 | 7150.85 | -1405.17 | -5860.86 | -89.41 | 3061.55 | 377.12 | 8.13 | PASS |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7203.04 | 7151.04 | -1405.17 | -5860.86 | -89.43 | 2963.36 | 378.26 | 7.85 | PASS |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7203.24 | 7151.24 | -1405.17 | -5860.86 | -89.45 | 2865.29 | 379.53 | 7.56 | PASS |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7203.43 | 7151.43 | -1405.17 | -5860.86 | -89.47 | 2767.35 | 380.94 | 7.28 | PASS |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7203.62 | 7151.62 | -1405.17 | -5860.86 | -89.49 | 2669.57 | 382.50 | 6.99 | PASS |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7203.82 | 7151.82 | -1405.17 | -5860.86 | -89.51 | 2571.96 | 384.23 | 6.70 | PASS |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7204.01 | 7152.01 | -1405.17 | -5860.86 | -89.53 | 2474.54 | 386.14 | 6.42 | PASS |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7204.21 | 7152.21 | -1405.17 | -5860.86 | -89.55 | 2377.34 | 388.28 | 6.13 | PASS |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7204.40 | 7152.40 | -1405.17 | -5860.86 | -89.57 | 2280.38 | 390.65 | 5.85 | PASS |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7204.60 | 7152.60 | -1405.17 | -5860.86 | -89.59 | 2183.69 | 393.30 | 5.56 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 64 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SWAFFORD 11-11 AWB Offset Wellpath: EX. SWAFFORD 11-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) Well: EX. SWAFFORD 11-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7204.79 | 7152.79 | -1405.17 | -5860.86 | -89.61 | 2087.31 | 396.26 | 5.28 | PASS | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7204.98 | 7152.98 | -1405.17 | -5860.86 | -89.63 | 1991.29 | 399.57 | 4.99 | PASS | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7205.18 | 7153.18 | -1405.17 | -5860.86 | -89.65 | 1895.69 | 403.28 | 4.71 | PASS | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 7205.37 | 7153.37 | -1405.17 | -5860.86 | -89.67 | 1800.56 | 407.46 | 4.42 | PASS | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7205.57 | 7153.57 | -1405.17 | -5860.86 | -89.69 | 1705.98 | 412.17 | 4.14 | PASS | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7205.76 | 7153.76 | -1405.17 | -5860.86 | -89.71 | 1612.07 | 417.50 | 3.87 | PASS | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7205.96 | 7153.96 | -1405.17 | -5860.86 | -89.73 | 1518.93 | 423.55 | 3.59 | PASS | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7206.15 | 7154.15 | -1405.17 | -5860.86 | -89.74 | 1426.71 | 430.43 | 3.32 | PASS | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7206.35 | 7154.35 | -1405.17 | -5860.86 | -89.76 | 1335.62 | 438.28 | 3.05 | PASS | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7206.54 | 7154.54 | -1405.17 | -5860.86 | -89.78 | 1245.90 | 447.28 | 2.79 | PASS | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7206.73 | 7154.73 | -1405.17 | -5860.86 | -89.80 | 1157.86 | 457.61 | 2.53 | PASS | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7206.93 | 7154.93 | -1405.17 | -5860.86 | -89.82 | 1071.92 | 469.51 | 2.29 | PASS | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7207.12 | 7155.12 | -1405.17 | -5860.86 | -89.84 | 988.63 | 483.21 | 2.05 | PASS | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 7207.32 | 7155.32 | -1405.17 | -5860.86 | -89.86 | 908.72 | 498.93 | 1.82 | PASS | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 7207.51 | 7155.51 | -1405.17 | -5860.86 | -89.88 | 833.15 | 516.86 | 1.61 | PASS | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 7207.71 | 7155.71 | -1405.17 | -5860.86 | -89.90 | 763.23 | 536.96 | 1.42 | PASS | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 7207.90 | 7155.90 | -1405.17 | -5860.86 | -89.92 | 700.64 | 558.84 | 1.25 | PASS | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 7208.09 | 7156.09 | -1405.17 | -5860.86 | -89.94 | 647.51 | 581.40 | 1.11 | PASS | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 7208.29 | 7156.29 | -1405.17 | -5860.86 | -89.96 | 606.33 | 602.62 | 1.01 | PASS | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 7208.48 | 7156.48 | -1405.17 | -5860.86 | -89.98 | 579.67 | 619.56 | 0.94 | FAIL | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 7208.68 | 7156.68 | -1405.17 | -5860.86 | -90.00 | 569.55 | 629.23 | 0.91 | FAIL | |
| 13627.50† | 7156.69 | -835.69 | -5865.03 | 7210.00 | 7158.00 | -1405.17 | -5860.86 | -90.13 | 569.50 | 629.66 | 0.90 | FAIL | |
| 13643.99† | 7156.72 | -835.83 | -5881.52 | 7208.72 | 7156.72 | -1405.17 | -5860.86 | -90.00 | 569.72 | 630.24 | 0.90 | FAIL | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 7208.87 | 7156.87 | -1405.17 | -5860.86 | -90.02 | 576.86 | 629.94 | 0.92 | FAIL | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 7209.07 | 7157.07 | -1405.17 | -5860.86 | -90.04 | 600.95 | 622.26 | 0.97 | FAIL | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 7209.26 | 7157.26 | -1405.17 | -5860.86 | -90.06 | 639.93 | 608.58 | 1.05 | PASS | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 7209.45 | 7157.45 | -1405.17 | -5860.86 | -90.08 | 691.30 | 591.73 | 1.17 | PASS | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 7209.65 | 7157.65 | -1405.17 | -5860.86 | -90.10 | 752.51 | 574.07 | 1.31 | PASS | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 7209.84 | 7157.84 | -1405.17 | -5860.86 | -90.12 | 821.36 | 556.99 | 1.48 | PASS | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 7210.04 | 7158.04 | -1405.17 | -5860.86 | -90.14 | 896.11 | 541.22 | 1.66 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SWAFFORD 11-11 AWB Offset Wellpath: EX. SWAFFORD 11-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) Well: EX. SWAFFORD 11-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 7210.23 | 7158.23 | -1405.17 | -5860.86 | -90.16 | 975.39 | 527.03 | 1.85 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SWAFFORD 11-11 AWB Offset Wellpath: EX. SWAFFORD 11-11 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SWAFFORD 11-11 AWB Offset Wellpath: EX. SWAFFORD 11-11 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|--|--|------------------------|
| 0.00 | 7356.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7356> | EX. SWAFFORD 11-11 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SWAFFORD 11-11 AWB Offset Wellpath: EX. SWAFFORD 11-11 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#05 EX. SWAFFORD 11-11 (307'FNL & 993'FEL, PR/NB-CD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#20 GREELEY-ROTH FEDERAL 13C-2-L (1023'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13C-2-L Threshold Value=1.00 † = Interpolated/extrapolated stat | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|--------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Statu | |
| 20.00 | 20.00 | 0.00 | 0.00 | 19.00 | 20.00 | 80.15 | -0.85 | -0.61 | 80.15 | 1.26 | 263.97 | PAS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 119.00 | 120.00 | 80.15 | -0.85 | -0.61 | 80.15 | 1.88 | 86.31 | PAS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 219.00 | 220.00 | 80.15 | -0.85 | -0.61 | 80.15 | 2.45 | 53.38 | PAS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 319.00 | 320.00 | 80.15 | -0.85 | -0.61 | 80.15 | 3.05 | 37.97 | PAS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 419.00 | 420.00 | 80.15 | -0.85 | -0.61 | 80.15 | 3.66 | 29.33 | PAS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 519.00 | 520.00 | 80.15 | -0.85 | -0.61 | 80.15 | 4.28 | 23.86 | PAS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 619.02 | 620.01 | 80.14 | -0.02 | -0.01 | 80.14 | 4.90 | 20.11 | PAS | |
| 647.40† | 647.40 | 0.00 | 0.00 | 646.37 | 647.35 | 80.14 | 0.77 | 0.55 | 80.14 | 5.07 | 19.27 | PAS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 718.89 | 719.79 | 80.11 | 4.13 | 2.95 | 80.22 | 5.53 | 17.36 | PAS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 748.78 | 749.62 | 80.10 | 6.04 | 4.31 | 80.33 | 5.72 | 16.67 | PAS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 818.40 | 819.01 | 80.06 | 11.71 | -123.56 | 81.39 | 6.20 | 15.36 | PAS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 917.55 | 917.54 | 79.98 | 22.69 | -118.49 | 85.46 | 6.99 | 14.01 | PAS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1016.97 | 1016.06 | 79.88 | 36.08 | -114.39 | 92.26 | 7.81 | 13.33 | PAS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1116.57 | 1114.74 | 79.78 | 49.56 | -112.61 | 100.76 | 8.62 | 13.04 | PAS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1216.07 | 1213.33 | 79.68 | 63.03 | -112.75 | 110.63 | 9.43 | 12.95 | PAS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1290.22 | 1286.79 | 79.61 | 73.07 | -113.82 | 118.91 | 10.07 | 12.95 | PAS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1315.38 | 1311.72 | 79.58 | 76.48 | -114.34 | 121.86 | 10.27 | 12.99 | PAS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1414.60 | 1410.03 | 79.48 | 89.91 | -116.16 | 133.61 | 11.10 | 13.08 | PAS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1513.83 | 1508.34 | 79.39 | 103.35 | -117.69 | 145.47 | 11.93 | 13.17 | PAS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1613.05 | 1606.65 | 79.29 | 116.78 | -118.99 | 157.42 | 12.77 | 13.25 | PAS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1712.28 | 1704.96 | 79.19 | 130.21 | -120.10 | 169.43 | 13.62 | 13.31 | PAS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1811.50 | 1803.28 | 79.09 | 143.65 | -121.07 | 181.50 | 13.87 | 13.74 | PAS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1910.73 | 1901.59 | 78.99 | 157.08 | -121.91 | 193.62 | 14.05 | 14.46 | PAS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2009.96 | 1999.90 | 78.89 | 170.52 | -122.66 | 205.77 | 14.31 | 15.08 | PAS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2109.18 | 2098.21 | 78.79 | 183.95 | -123.32 | 217.95 | 14.65 | 15.59 | PAS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2208.41 | 2196.52 | 78.70 | 197.39 | -123.91 | 230.16 | 15.06 | 15.98 | PAS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2307.63 | 2294.83 | 78.60 | 210.82 | -124.45 | 242.38 | 15.55 | 16.28 | PAS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2406.86 | 2393.15 | 78.50 | 224.26 | -124.93 | 254.63 | 16.11 | 16.49 | PAS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2506.08 | 2491.46 | 78.40 | 237.69 | -125.37 | 266.90 | 16.72 | 16.63 | PAS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2605.31 | 2589.77 | 78.30 | 251.12 | -125.77 | 279.17 | 17.38 | 16.70 | PAS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#20 GREELEY-ROTH FEDERAL 13C-2-L (1023'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13C-2-L Threshold Value=1.00 † = interpolated/extrapolated stat | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2704.53 | 2688.08 | 78.20 | 264.56 | -126.13 | 291.46 | 18.10 | 16.72 | PASS | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2803.76 | 2786.39 | 78.10 | 277.99 | -126.47 | 303.76 | 18.85 | 16.71 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2902.98 | 2884.71 | 78.01 | 291.43 | -126.78 | 316.07 | 19.64 | 16.66 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3002.21 | 2983.02 | 77.91 | 304.86 | -127.06 | 328.39 | 20.46 | 16.59 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3101.44 | 3081.33 | 77.81 | 318.30 | -127.33 | 340.72 | 21.31 | 16.50 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3200.66 | 3179.64 | 77.71 | 331.73 | -127.57 | 353.05 | 22.18 | 16.41 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3299.89 | 3277.95 | 77.61 | 345.17 | -127.81 | 365.39 | 23.08 | 16.30 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3399.11 | 3376.26 | 77.51 | 358.60 | -128.02 | 377.73 | 24.00 | 16.19 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3498.34 | 3474.58 | 77.42 | 372.03 | -128.22 | 390.08 | 24.93 | 16.08 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3597.56 | 3572.89 | 77.32 | 385.47 | -128.41 | 402.44 | 25.88 | 15.96 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3696.79 | 3671.20 | 77.22 | 398.90 | -128.59 | 414.79 | 26.84 | 15.85 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3796.01 | 3769.51 | 77.12 | 412.34 | -128.76 | 427.16 | 27.82 | 15.73 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3895.24 | 3867.82 | 77.02 | 425.77 | -128.92 | 439.52 | 28.80 | 15.62 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3994.47 | 3966.13 | 76.92 | 439.21 | -129.07 | 451.89 | 29.80 | 15.51 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4093.69 | 4064.45 | 76.82 | 452.64 | -129.21 | 464.26 | 30.80 | 15.40 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4192.92 | 4162.76 | 76.73 | 466.08 | -129.34 | 476.63 | 31.82 | 15.30 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4292.14 | 4261.07 | 76.63 | 479.51 | -129.47 | 489.01 | 32.84 | 15.20 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4391.37 | 4359.38 | 76.53 | 492.94 | -129.59 | 501.39 | 33.86 | 15.10 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4490.59 | 4457.69 | 76.43 | 506.38 | -129.71 | 513.77 | 34.90 | 15.01 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4589.82 | 4556.01 | 76.33 | 519.81 | -129.82 | 526.15 | 35.94 | 14.92 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4689.04 | 4654.32 | 76.23 | 533.25 | -129.92 | 538.53 | 36.98 | 14.83 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4788.27 | 4752.63 | 76.14 | 546.68 | -130.02 | 550.92 | 38.03 | 14.74 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4887.49 | 4850.94 | 76.04 | 560.12 | -130.12 | 563.30 | 39.08 | 14.66 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4986.72 | 4949.25 | 75.94 | 573.55 | -130.21 | 575.69 | 40.14 | 14.58 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5085.95 | 5047.56 | 75.84 | 586.99 | -130.30 | 588.08 | 41.20 | 14.51 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5185.17 | 5145.88 | 75.74 | 600.42 | -130.38 | 600.48 | 42.26 | 14.43 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5284.40 | 5244.19 | 75.64 | 613.85 | -130.46 | 612.87 | 43.33 | 14.36 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5383.62 | 5342.50 | 75.54 | 627.29 | -130.54 | 625.26 | 44.40 | 14.29 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5482.85 | 5440.81 | 75.45 | 640.72 | -130.61 | 637.66 | 45.47 | 14.23 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5582.07 | 5539.12 | 75.35 | 654.16 | -130.69 | 650.05 | 46.55 | 14.17 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 68 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#20 GREELEY-ROTH FEDERAL 13C-2-L (1023'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13C-2-L Threshold Value=1.00 † = interpolated/extrapolated stat | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|--------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Statu |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5681.30 | 5637.44 | 75.25 | 667.59 | -130.75 | 662.45 | 47.63 | 14.10 | PAS! |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5780.52 | 5735.75 | 75.15 | 681.03 | -130.82 | 674.85 | 48.71 | 14.05 | PAS! |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5879.75 | 5834.06 | 75.05 | 694.46 | -130.88 | 687.25 | 49.79 | 13.99 | PAS! |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5978.98 | 5932.37 | 74.95 | 707.90 | -130.95 | 699.65 | 50.87 | 13.93 | PAS! |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6078.20 | 6030.68 | 74.86 | 721.33 | -131.01 | 712.05 | 51.96 | 13.88 | PAS! |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6177.43 | 6128.99 | 74.76 | 734.76 | -131.06 | 724.45 | 53.05 | 13.83 | PAS! |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6276.65 | 6227.31 | 74.66 | 748.20 | -131.12 | 736.85 | 54.13 | 13.78 | PAS! |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6375.88 | 6325.62 | 74.56 | 761.63 | -131.17 | 749.25 | 55.23 | 13.73 | PAS! |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6475.10 | 6423.93 | 74.46 | 775.07 | -131.23 | 761.65 | 56.32 | 13.68 | PAS! |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6477.26 | 6426.07 | 74.46 | 775.36 | -131.23 | 761.92 | 56.34 | 13.68 | PAS! |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6573.38 | 6521.90 | 74.38 | 781.47 | -174.49 | 774.22 | 57.79 | 13.55 | PAS! |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6671.58 | 6619.62 | 74.33 | 772.75 | -126.18 | 786.92 | 59.77 | 13.31 | PAS! |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6769.86 | 6714.91 | 74.32 | 749.10 | -109.63 | 799.44 | 62.73 | 12.88 | PAS! |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6868.31 | 6805.58 | 74.35 | 711.01 | -102.23 | 811.48 | 63.88 | 12.83 | PAS! |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6967.01 | 6889.51 | 74.41 | 659.25 | -97.99 | 822.74 | 65.33 | 12.72 | PAS! |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7066.03 | 6964.66 | 74.51 | 594.93 | -95.22 | 832.95 | 67.34 | 12.49 | PAS! |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7165.41 | 7029.16 | 74.64 | 519.45 | -93.30 | 841.85 | 70.08 | 12.13 | PAS! |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7265.17 | 7081.30 | 74.80 | 434.52 | -91.96 | 849.23 | 73.62 | 11.64 | PAS! |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7365.31 | 7119.67 | 74.99 | 342.15 | -91.07 | 854.90 | 77.91 | 11.07 | PAS! |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7465.77 | 7143.15 | 75.20 | 244.57 | -90.56 | 858.73 | 82.73 | 10.46 | PAS! |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7557.24 | 7150.94 | 75.41 | 153.51 | -90.40 | 860.53 | 87.40 | 9.92 | PAS! |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7566.51 | 7151.00 | 75.43 | 144.24 | -90.40 | 860.63 | 87.88 | 9.86 | PAS! |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7666.51 | 7150.72 | 75.66 | 44.24 | -90.37 | 861.70 | 93.46 | 9.28 | PAS! |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7766.51 | 7150.44 | 75.90 | -55.75 | -90.34 | 862.77 | 99.56 | 8.72 | PAS! |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7866.50 | 7150.16 | 76.13 | -155.74 | -90.30 | 863.84 | 106.12 | 8.19 | PAS! |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7966.49 | 7149.87 | 76.36 | -255.73 | -90.27 | 864.91 | 113.06 | 7.69 | PAS! |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 8066.48 | 7149.59 | 76.59 | -355.73 | -90.24 | 865.98 | 120.31 | 7.23 | PAS! |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 8166.48 | 7149.31 | 76.83 | -455.72 | -90.21 | 867.05 | 127.82 | 6.82 | PAS! |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 8266.47 | 7149.03 | 77.06 | -555.71 | -90.18 | 868.12 | 135.54 | 6.43 | PAS! |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 8366.46 | 7148.74 | 77.29 | -655.70 | -90.14 | 869.20 | 143.45 | 6.08 | PAS! |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 69 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#20 GREELEY-ROTH FEDERAL 13C-2-L (1023'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13C-2-L Threshold Value=1.00 † = interpolated/extrapolated stat | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 8466.46 | 7148.46 | 77.53 | -755.70 | 90.11 | 870.27 | 151.51 | 5.77 | PAS! |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 8566.45 | 7148.18 | 77.76 | -855.69 | 90.08 | 871.34 | 159.69 | 5.48 | PAS! |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 8666.44 | 7147.90 | 77.99 | -955.68 | 90.05 | 872.42 | 167.99 | 5.21 | PAS! |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 8766.44 | 7147.61 | 78.22 | -1055.67 | 90.02 | 873.49 | 176.38 | 4.97 | PAS! |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 8866.43 | 7147.33 | 78.46 | -1155.67 | 89.99 | 874.56 | 184.85 | 4.75 | PAS! |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 8966.42 | 7147.05 | 78.69 | -1255.66 | 89.96 | 875.64 | 193.40 | 4.54 | PAS! |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 9066.42 | 7146.77 | 78.92 | -1355.65 | 89.93 | 876.71 | 202.00 | 4.35 | PAS! |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 9166.41 | 7146.48 | 79.15 | -1455.64 | 89.89 | 877.78 | 210.66 | 4.18 | PAS! |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 9266.40 | 7146.20 | 79.39 | -1555.64 | 89.86 | 878.86 | 219.37 | 4.02 | PAS! |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 9366.39 | 7145.92 | 79.62 | -1655.63 | 89.83 | 879.93 | 228.12 | 3.87 | PAS! |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 9466.39 | 7145.63 | 79.85 | -1755.62 | 89.80 | 881.01 | 236.91 | 3.73 | PAS! |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 9566.38 | 7145.35 | 80.09 | -1855.61 | 89.77 | 882.08 | 245.73 | 3.60 | PAS! |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 9666.37 | 7145.07 | 80.32 | -1955.61 | 89.74 | 883.16 | 254.58 | 3.48 | PAS! |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 9766.37 | 7144.79 | 80.55 | -2055.60 | 89.71 | 884.24 | 263.45 | 3.36 | PAS! |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 9866.36 | 7144.50 | 80.78 | -2155.59 | 89.68 | 885.31 | 272.36 | 3.26 | PAS! |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 9966.35 | 7144.22 | 81.02 | -2255.58 | 89.65 | 886.39 | 281.28 | 3.16 | PAS! |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 10066.35 | 7143.94 | 81.25 | -2355.58 | 89.62 | 887.47 | 290.22 | 3.06 | PAS! |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 10166.34 | 7143.66 | 81.48 | -2455.57 | 89.59 | 888.54 | 299.18 | 2.97 | PAS! |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 10266.33 | 7143.37 | 81.71 | -2555.56 | 89.56 | 889.62 | 308.16 | 2.89 | PAS! |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 10366.33 | 7143.09 | 81.95 | -2655.55 | 89.53 | 890.70 | 317.15 | 2.81 | PAS! |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 10466.32 | 7142.81 | 82.18 | -2755.55 | 89.50 | 891.77 | 326.16 | 2.74 | PAS! |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 10566.31 | 7142.53 | 82.41 | -2855.54 | 89.47 | 892.85 | 335.18 | 2.67 | PAS! |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 10666.30 | 7142.24 | 82.64 | -2955.53 | 89.44 | 893.93 | 344.21 | 2.60 | PAS! |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 10766.30 | 7141.96 | 82.88 | -3055.52 | 89.41 | 895.01 | 353.25 | 2.54 | PAS! |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 10866.29 | 7141.68 | 83.11 | -3155.52 | 89.38 | 896.09 | 362.30 | 2.48 | PAS! |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 10966.28 | 7141.40 | 83.34 | -3255.51 | 89.35 | 897.17 | 371.36 | 2.42 | PAS! |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 11066.28 | 7141.11 | 83.58 | -3355.50 | 89.32 | 898.25 | 380.43 | 2.36 | PAS! |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 11166.27 | 7140.83 | 83.81 | -3455.49 | 89.29 | 899.32 | 389.51 | 2.31 | PAS! |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 11266.26 | 7140.55 | 84.04 | -3555.49 | 89.26 | 900.40 | 398.60 | 2.26 | PAS! |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 11366.26 | 7140.27 | 84.27 | -3655.48 | 89.23 | 901.48 | 407.69 | 2.21 | PAS! |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 70 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#20 GREELEY-ROTH FEDERAL 13C-2-L (1023'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 13C-2-L Threshold Value=1.00 † = interpolated/extrapolated stat | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 11466.25 | 7139.98 | 84.51 | -3755.47 | 89.20 | 902.56 | 416.78 | 2.17 | PAS! |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 11566.24 | 7139.70 | 84.74 | -3855.46 | 89.17 | 903.64 | 425.89 | 2.12 | PAS! |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 11666.24 | 7139.42 | 84.97 | -3955.45 | 89.14 | 904.72 | 435.00 | 2.08 | PAS! |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 11766.23 | 7139.14 | 85.20 | -4055.45 | 89.11 | 905.81 | 444.11 | 2.04 | PAS! |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 11866.22 | 7138.85 | 85.44 | -4155.44 | 89.08 | 906.89 | 453.23 | 2.00 | PAS! |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 11966.22 | 7138.57 | 85.67 | -4255.43 | 89.06 | 907.97 | 462.36 | 1.97 | PAS! |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 12066.21 | 7138.29 | 85.90 | -4355.42 | 89.03 | 909.05 | 471.48 | 1.93 | PAS! |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 12166.20 | 7138.01 | 86.14 | -4455.42 | 89.00 | 910.13 | 480.62 | 1.89 | PAS! |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 12266.19 | 7137.72 | 86.37 | -4555.41 | 88.97 | 911.21 | 489.75 | 1.86 | PAS! |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 12366.19 | 7137.44 | 86.60 | -4655.40 | 88.94 | 912.30 | 498.89 | 1.83 | PAS! |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 12466.18 | 7137.16 | 86.83 | -4755.39 | 88.91 | 913.38 | 508.03 | 1.80 | PAS! |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 12566.17 | 7136.88 | 87.07 | -4855.39 | 88.88 | 914.46 | 517.18 | 1.77 | PAS! |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 12666.17 | 7136.59 | 87.30 | -4955.38 | 88.85 | 915.54 | 526.33 | 1.74 | PAS! |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 12766.16 | 7136.31 | 87.53 | -5055.37 | 88.83 | 916.63 | 535.48 | 1.71 | PAS! |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 12866.15 | 7136.03 | 87.76 | -5155.36 | 88.80 | 917.71 | 544.63 | 1.69 | PAS! |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 12966.15 | 7135.75 | 88.00 | -5255.36 | 88.77 | 918.79 | 553.79 | 1.66 | PAS! |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 13066.14 | 7135.48 | 88.23 | -5355.35 | 88.74 | 919.88 | 562.95 | 1.63 | PAS! |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 13166.13 | 7135.18 | 88.46 | -5455.34 | 88.71 | 920.96 | 572.11 | 1.61 | PAS! |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 13266.13 | 7134.90 | 88.70 | -5555.33 | 88.68 | 922.04 | 581.28 | 1.59 | PAS! |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 13366.12 | 7134.62 | 88.93 | -5655.33 | 88.66 | 923.13 | 590.44 | 1.56 | PAS! |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 13466.11 | 7134.33 | 89.16 | -5755.32 | 88.63 | 924.21 | 599.61 | 1.54 | PAS! |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 13566.10 | 7134.05 | 89.39 | -5855.31 | 88.60 | 925.30 | 608.78 | 1.52 | PAS! |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 13666.10 | 7133.77 | 89.63 | -5955.30 | 88.57 | 926.38 | 617.95 | 1.50 | PAS! |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 13766.09 | 7133.49 | 89.86 | -6055.30 | 88.54 | 927.47 | 627.12 | 1.48 | PAS! |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 13866.08 | 7133.20 | 90.09 | -6155.29 | 88.52 | 928.55 | 636.29 | 1.46 | PAS! |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 13966.08 | 7132.92 | 90.32 | -6255.28 | 88.49 | 929.64 | 645.47 | 1.44 | PAS! |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 14066.07 | 7132.64 | 90.56 | -6355.27 | 88.46 | 930.73 | 654.65 | 1.42 | PAS! |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 14166.06 | 7132.36 | 90.79 | -6455.27 | 88.43 | 931.81 | 663.82 | 1.40 | PAS! |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 14266.06 | 7132.07 | 91.02 | -6555.26 | 88.41 | 932.90 | 673.00 | 1.39 | PAS! |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 14366.05 | 7131.79 | 91.26 | -6655.25 | 88.38 | 933.98 | 682.18 | 1.37 | PAS! |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 71 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W | | Slot: SLOT#20 GREELEY-ROTH FEDERAL 13C-2-L (1023'FSL & 294'FEL, SEC.01) | | Well: GREELEY-ROTH FEDERAL 13C-2-L | | Threshold Value=1.00 | | † = interpolated/extrapolated stat | | | | |
|----------------------------|-----------------|---|------------------|------------------------------------|--------------------|----------------------|---------------------|------------------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 14466.04 | 7131.51 | 91.49 | -6755.24 | 88.35 | 935.07 | 691.36 | 1.35 | PAS! |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 14566.04 | 7131.23 | 91.72 | -6855.24 | 88.32 | 936.16 | 700.55 | 1.34 | PAS! |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 14666.03 | 7130.94 | 91.95 | -6955.23 | 88.30 | 937.25 | 709.73 | 1.32 | PAS! |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 14766.02 | 7130.66 | 92.19 | -7055.22 | 88.27 | 938.33 | 718.91 | 1.31 | PAS! |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 14866.02 | 7130.38 | 92.42 | -7155.21 | 88.24 | 939.42 | 728.10 | 1.29 | PAS! |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 14966.01 | 7130.10 | 92.65 | -7255.21 | 88.22 | 940.51 | 737.29 | 1.28 | PAS! |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 15066.00 | 7129.81 | 92.88 | -7355.20 | 88.19 | 941.60 | 746.47 | 1.26 | PAS! |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 15165.99 | 7129.53 | 93.12 | -7455.19 | 88.16 | 942.68 | 755.66 | 1.25 | PAS! |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 15265.99 | 7129.25 | 93.35 | -7555.18 | 88.14 | 943.77 | 764.85 | 1.23 | PAS! |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 15365.98 | 7128.96 | 93.58 | -7655.17 | 88.11 | 944.86 | 774.04 | 1.22 | PAS! |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 15465.97 | 7128.68 | 93.81 | -7755.17 | 88.08 | 945.95 | 783.23 | 1.21 | PAS! |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 15565.97 | 7128.40 | 94.05 | -7855.16 | 88.06 | 947.04 | 792.41 | 1.20 | PAS! |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 15665.96 | 7128.12 | 94.28 | -7955.15 | 88.03 | 948.13 | 801.61 | 1.18 | PAS! |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 15765.95 | 7127.83 | 94.51 | -8055.14 | 88.00 | 949.22 | 810.80 | 1.17 | PAS! |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 15865.95 | 7127.55 | 94.75 | -8155.14 | 87.98 | 950.31 | 819.99 | 1.16 | PAS! |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 15965.94 | 7127.27 | 94.98 | -8255.13 | 87.95 | 951.40 | 829.18 | 1.15 | PAS! |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 16065.93 | 7126.99 | 95.21 | -8355.12 | 87.92 | 952.49 | 838.37 | 1.14 | PAS! |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 16165.93 | 7126.70 | 95.44 | -8455.11 | 87.90 | 953.58 | 847.56 | 1.13 | PAS! |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 16265.92 | 7126.42 | 95.68 | -8555.11 | 87.87 | 954.67 | 856.76 | 1.11 | PAS! |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 16365.91 | 7126.14 | 95.91 | -8655.10 | 87.84 | 955.76 | 865.95 | 1.10 | PAS! |
| 16520.00† | 7162.31 | -860.01 | -8757.42 | 16465.90 | 7125.86 | 96.14 | -8755.09 | 87.82 | 956.85 | 875.14 | 1.09 | PAS! |
| 16620.00† | 7162.51 | -860.85 | -8857.42 | 16565.90 | 7125.57 | 96.37 | -8855.08 | 87.79 | 957.94 | 884.34 | 1.08 | PAS! |
| 16720.00† | 7162.70 | -861.69 | -8957.41 | 16665.89 | 7125.29 | 96.61 | -8955.08 | 87.77 | 959.03 | 893.53 | 1.07 | PAS! |
| 16820.00† | 7162.90 | -862.53 | -9057.41 | 16765.88 | 7125.01 | 96.84 | -9055.07 | 87.74 | 960.12 | 902.72 | 1.06 | PAS! |
| 16920.00† | 7163.09 | -863.37 | -9157.40 | 16865.88 | 7124.73 | 97.07 | -9155.06 | 87.71 | 961.22 | 911.92 | 1.05 | PAS! |
| 17020.00† | 7163.28 | -864.22 | -9257.40 | 16965.87 | 7124.44 | 97.31 | -9255.05 | 87.69 | 962.31 | 921.11 | 1.04 | PAS! |
| 17120.00† | 7163.48 | -865.06 | -9357.40 | 17065.86 | 7124.16 | 97.54 | -9355.05 | 87.66 | 963.40 | 930.31 | 1.04 | PAS! |
| 17220.00† | 7163.67 | -865.90 | -9457.39 | 17165.86 | 7123.88 | 97.77 | -9455.04 | 87.64 | 964.49 | 939.50 | 1.03 | PAS! |
| 17320.00† | 7163.87 | -866.74 | -9557.39 | 17265.85 | 7123.60 | 98.00 | -9555.03 | 87.61 | 965.58 | 948.70 | 1.02 | PAS! |
| 17388.56 | 7164.00 | -867.31 | -9625.94 | 17334.40 | 7123.40 | 98.16 | -9623.58 | 87.59 | 966.33 | 955.00 | 1.01 | PAS! |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 72 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 21.00 | 1742.34 | 48.86 | -0.52 | 48.55 | 40.99 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 21.00 | 1742.34 | 48.86 | -0.52 | 48.55 | 40.99 |
| 8.5in Open Hole | 1750.00 | 17477.02 | 15727.02 | 1742.34 | 7123.00 | 48.55 | 40.99 | 54.45 | -2977.00 |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|---|------------------|----------------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 13C-2-L PWB |
| 1750.00 | 17477.02 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 13C-2-L PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 13C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 13C-2-L PWP (REV-A.0)

| | |
|---|---|
| MD Reference: PRECISION 462 (20") (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-34 AWP Offset Wellpath: EX. HERTZKE 1-34 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#26 EX. HERTZKE1-34 (766'FSL & 1975'FWL, CODL/SI) Well: EX. HERTZKE 1-34 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 24.00 | 20.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 2.26 | 2251.92 | PASS | | |
| 120.00† | 120.00 | 0.00 | 0.00 | 124.00 | 120.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 5.17 | 694.71 | PASS | | |
| 220.00† | 220.00 | 0.00 | 0.00 | 224.00 | 220.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 10.37 | 310.72 | PASS | | |
| 320.00† | 320.00 | 0.00 | 0.00 | 324.00 | 320.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 15.14 | 206.14 | PASS | | |
| 420.00† | 420.00 | 0.00 | 0.00 | 424.00 | 420.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 19.93 | 154.08 | PASS | | |
| 520.00† | 520.00 | 0.00 | 0.00 | 524.00 | 520.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 24.72 | 122.97 | PASS | | |
| 620.00† | 620.00 | 0.00 | 0.00 | 624.00 | 620.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 29.53 | 102.30 | PASS | | |
| 720.00† | 720.00 | 0.00 | 0.00 | 724.00 | 720.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 34.33 | 87.57 | PASS | | |
| 750.00 | 750.00 | 0.00 | 0.00 | 754.00 | 750.00 | -312.75 | -2905.95 | -96.14 | 2922.73 | 35.77 | 83.95 | PASS | | |
| 820.00† | 819.99 | -0.57 | 0.64 | 823.99 | 819.99 | -312.75 | -2905.95 | 132.46 | 2923.31 | 39.15 | 76.54 | PASS | | |
| 920.00† | 919.90 | -3.33 | 3.78 | 923.90 | 919.90 | -312.75 | -2905.95 | 132.48 | 2926.14 | 44.07 | 67.85 | PASS | | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1023.60 | 1019.60 | -312.75 | -2905.95 | 132.51 | 2931.33 | 49.06 | 60.92 | PASS | | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1122.97 | 1118.97 | -312.75 | -2905.95 | 132.56 | 2938.89 | 54.01 | 55.39 | PASS | | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1221.89 | 1217.89 | -312.75 | -2905.95 | 132.62 | 2948.83 | 58.91 | 50.87 | PASS | | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1295.37 | 1291.37 | -312.75 | -2905.95 | 132.67 | 2957.82 | 62.53 | 48.03 | PASS | | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1320.27 | 1316.27 | -312.75 | -2905.95 | 132.74 | 2961.10 | 63.73 | 47.16 | PASS | | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1418.47 | 1414.47 | -312.75 | -2905.95 | 133.01 | 2974.08 | 68.45 | 44.06 | PASS | | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1516.66 | 1512.66 | -312.75 | -2905.95 | 133.27 | 2987.13 | 73.17 | 41.35 | PASS | | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1614.86 | 1610.86 | -312.75 | -2905.95 | 133.53 | 3000.23 | 77.91 | 38.98 | PASS | | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1713.06 | 1709.06 | -312.75 | -2905.95 | 133.79 | 3013.40 | 82.65 | 36.88 | PASS | | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1811.26 | 1807.26 | -312.75 | -2905.95 | 134.04 | 3026.63 | 87.01 | 35.06 | PASS | | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1909.46 | 1905.46 | -312.75 | -2905.95 | 134.30 | 3039.92 | 91.52 | 33.47 | PASS | | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2007.66 | 2003.66 | -312.75 | -2905.95 | 134.55 | 3053.27 | 96.07 | 32.01 | PASS | | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2105.85 | 2101.85 | -312.75 | -2905.95 | 134.80 | 3066.68 | 100.67 | 30.67 | PASS | | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2204.05 | 2200.05 | -312.75 | -2905.95 | 135.04 | 3080.14 | 105.31 | 29.44 | PASS | | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2302.25 | 2298.25 | -312.75 | -2905.95 | 135.29 | 3093.67 | 109.99 | 28.30 | PASS | | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2400.45 | 2396.45 | -312.75 | -2905.95 | 135.53 | 3107.24 | 114.70 | 27.25 | PASS | | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2498.65 | 2494.65 | -312.75 | -2905.95 | 135.77 | 3120.88 | 119.45 | 26.28 | PASS | | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2596.85 | 2592.85 | -312.75 | -2905.95 | 136.01 | 3134.57 | 124.21 | 25.37 | PASS | | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2695.04 | 2691.04 | -312.75 | -2905.95 | 136.25 | 3148.31 | 129.01 | 24.53 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 74 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-34 AWB Offset Wellpath: EX. HERTZKE 1-34 AWB

| Facility: SEC.01-T05N-R67W Slot: SLOT#26 EX. HERTZKE1-34 (766'FSL & 1975'FWL, CODL/S) Well: EX. HERTZKE 1-34 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2793.24 | 2789.24 | -312.75 | -2905.95 | 136.48 | 3162.10 | 133.82 | 23.75 | PASS |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2891.44 | 2887.44 | -312.75 | -2905.95 | 136.72 | 3175.95 | 138.65 | 23.02 | PASS |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2989.64 | 2985.64 | -312.75 | -2905.95 | 136.95 | 3189.85 | 143.49 | 22.34 | PASS |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3087.84 | 3083.84 | -312.75 | -2905.95 | 137.18 | 3203.80 | 148.35 | 21.70 | PASS |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3186.03 | 3182.03 | -312.75 | -2905.95 | 137.40 | 3217.80 | 153.22 | 21.09 | PASS |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3284.23 | 3280.23 | -312.75 | -2905.95 | 137.63 | 3231.85 | 158.10 | 20.53 | PASS |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3382.43 | 3378.43 | -312.75 | -2905.95 | 137.85 | 3245.95 | 162.98 | 20.00 | PASS |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3480.63 | 3476.63 | -312.75 | -2905.95 | 138.07 | 3260.10 | 167.88 | 19.50 | PASS |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3578.83 | 3574.83 | -312.75 | -2905.95 | 138.29 | 3274.30 | 172.78 | 19.02 | PASS |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3677.03 | 3673.03 | -312.75 | -2905.95 | 138.51 | 3288.54 | 177.69 | 18.58 | PASS |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3775.22 | 3771.22 | -312.75 | -2905.95 | 138.72 | 3302.83 | 182.61 | 18.15 | PASS |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3873.42 | 3869.42 | -312.75 | -2905.95 | 138.94 | 3317.17 | 187.53 | 17.75 | PASS |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3971.62 | 3967.62 | -312.75 | -2905.95 | 139.15 | 3331.55 | 192.45 | 17.37 | PASS |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4069.82 | 4065.82 | -312.75 | -2905.95 | 139.36 | 3345.98 | 197.38 | 17.01 | PASS |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4168.02 | 4164.02 | -312.75 | -2905.95 | 139.57 | 3360.45 | 202.31 | 16.67 | PASS |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4266.22 | 4262.22 | -312.75 | -2905.95 | 139.77 | 3374.96 | 207.24 | 16.34 | PASS |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4364.41 | 4360.41 | -312.75 | -2905.95 | 139.98 | 3389.52 | 212.18 | 16.02 | PASS |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4462.61 | 4458.61 | -312.75 | -2905.95 | 140.18 | 3404.12 | 217.12 | 15.73 | PASS |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4560.81 | 4556.81 | -312.75 | -2905.95 | 140.38 | 3418.76 | 222.06 | 15.44 | PASS |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4659.01 | 4655.01 | -312.75 | -2905.95 | 140.58 | 3433.45 | 227.01 | 15.17 | PASS |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4757.21 | 4753.21 | -312.75 | -2905.95 | 140.78 | 3448.18 | 231.95 | 14.91 | PASS |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4855.40 | 4851.40 | -312.75 | -2905.95 | 140.98 | 3462.94 | 236.90 | 14.66 | PASS |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4953.60 | 4949.60 | -312.75 | -2905.95 | 141.17 | 3477.75 | 241.85 | 14.42 | PASS |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5051.80 | 5047.80 | -312.75 | -2905.95 | 141.37 | 3492.59 | 246.80 | 14.19 | PASS |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5150.00 | 5146.00 | -312.75 | -2905.95 | 141.56 | 3507.48 | 251.75 | 13.97 | PASS |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5248.20 | 5244.20 | -312.75 | -2905.95 | 141.75 | 3522.40 | 256.71 | 13.76 | PASS |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5346.40 | 5342.40 | -312.75 | -2905.95 | 141.93 | 3537.36 | 261.66 | 13.55 | PASS |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5444.59 | 5440.59 | -312.75 | -2905.95 | 142.12 | 3552.36 | 266.62 | 13.36 | PASS |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5542.79 | 5538.79 | -312.75 | -2905.95 | 142.31 | 3567.40 | 271.57 | 13.17 | PASS |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5640.99 | 5636.99 | -312.75 | -2905.95 | 142.49 | 3582.47 | 276.53 | 12.99 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 75 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-34 AWB Offset Wellpath: EX. HERTZKE 1-34 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#26 EX. HERTZKE1-34 (766'FSL & 1975'FWL, CODL/SI) Well: EX. HERTZKE 1-34 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5739.19 | 5735.19 | -312.75 | -2905.95 | 142.67 | 3597.58 | 281.49 | 12.81 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5837.39 | 5833.39 | -312.75 | -2905.95 | 142.85 | 3612.72 | 286.45 | 12.64 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5935.58 | 5931.58 | -312.75 | -2905.95 | 143.03 | 3627.90 | 291.41 | 12.48 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6033.78 | 6029.78 | -312.75 | -2905.95 | 143.21 | 3643.11 | 296.37 | 12.32 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6131.98 | 6127.98 | -312.75 | -2905.95 | 143.39 | 3658.36 | 301.33 | 12.17 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6230.18 | 6226.18 | -312.75 | -2905.95 | 143.56 | 3673.64 | 306.29 | 12.02 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6328.38 | 6324.38 | -312.75 | -2905.95 | 143.73 | 3688.96 | 311.25 | 11.88 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6426.58 | 6422.58 | -312.75 | -2905.95 | 143.90 | 3704.31 | 316.22 | 11.74 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6428.71 | 6424.71 | -312.75 | -2905.95 | 143.91 | 3704.64 | 316.32 | 11.74 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6525.44 | 6521.44 | -312.75 | -2905.95 | 90.85 | 3712.27 | 321.32 | 11.58 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6624.12 | 6620.12 | -312.75 | -2905.95 | 43.97 | 3704.69 | 327.00 | 11.35 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6720.17 | 6716.17 | -312.75 | -2905.95 | 29.00 | 3681.79 | 332.89 | 11.08 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6811.23 | 6807.23 | -312.75 | -2905.95 | 23.38 | 3644.14 | 338.16 | 10.80 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6895.06 | 6891.06 | -312.75 | -2905.95 | 21.18 | 3592.68 | 342.83 | 10.50 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 6969.59 | 6965.59 | -312.75 | -2905.95 | 20.89 | 3528.70 | 346.84 | 10.19 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7033.00 | 7029.00 | -312.75 | -2905.95 | 22.23 | 3453.77 | 350.17 | 9.88 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7083.71 | 7079.71 | -312.75 | -2905.95 | 25.71 | 3369.76 | 352.77 | 9.57 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7120.48 | 7116.48 | -312.75 | -2905.95 | 33.23 | 3278.71 | 354.62 | 9.26 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7142.41 | 7138.41 | -312.75 | -2905.95 | 51.07 | 3182.87 | 355.73 | 8.96 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7149.00 | 7145.00 | -312.75 | -2905.95 | 89.32 | 3093.65 | 356.11 | 8.70 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7149.02 | 7145.02 | -312.75 | -2905.95 | 89.32 | 3084.59 | 356.12 | 8.68 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7149.21 | 7145.21 | -312.75 | -2905.95 | 89.34 | 2985.94 | 356.24 | 8.40 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7149.41 | 7145.41 | -312.75 | -2905.95 | 89.36 | 2887.39 | 356.39 | 8.12 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7149.60 | 7145.60 | -312.75 | -2905.95 | 89.39 | 2788.95 | 356.58 | 7.83 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7149.80 | 7145.80 | -312.75 | -2905.95 | 89.41 | 2690.61 | 356.82 | 7.55 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7149.99 | 7145.99 | -312.75 | -2905.95 | 89.43 | 2592.41 | 357.11 | 7.27 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7150.18 | 7146.18 | -312.75 | -2905.95 | 89.45 | 2494.34 | 357.47 | 6.99 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7150.38 | 7146.38 | -312.75 | -2905.95 | 89.48 | 2396.44 | 357.90 | 6.71 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7150.57 | 7146.57 | -312.75 | -2905.95 | 89.50 | 2298.72 | 358.42 | 6.42 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7150.77 | 7146.77 | -312.75 | -2905.95 | 89.52 | 2201.20 | 359.04 | 6.14 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 76 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-34 AWB Offset Wellpath: EX. HERTZKE 1-34 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#26 EX. HERTZKE1-34 (766'FSL & 1975'FWL, CODL/SI) Well: EX. HERTZKE 1-34 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7150.96 | 7146.96 | -312.75 | -2905.95 | 89.54 | 2103.91 | 359.79 | 5.86 | PASS |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7151.16 | 7147.16 | -312.75 | -2905.95 | 89.57 | 2006.90 | 360.69 | 5.57 | PASS |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7151.35 | 7147.35 | -312.75 | -2905.95 | 89.59 | 1910.19 | 361.76 | 5.29 | PASS |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7151.54 | 7147.54 | -312.75 | -2905.95 | 89.61 | 1813.83 | 363.03 | 5.00 | PASS |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7151.74 | 7147.74 | -312.75 | -2905.95 | 89.63 | 1717.90 | 364.56 | 4.72 | PASS |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7151.93 | 7147.93 | -312.75 | -2905.95 | 89.66 | 1622.45 | 366.38 | 4.44 | PASS |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7152.13 | 7148.13 | -312.75 | -2905.95 | 89.68 | 1527.59 | 368.55 | 4.15 | PASS |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7152.32 | 7148.32 | -312.75 | -2905.95 | 89.70 | 1433.42 | 371.14 | 3.87 | PASS |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7152.52 | 7148.52 | -312.75 | -2905.95 | 89.72 | 1340.10 | 374.24 | 3.59 | PASS |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7152.71 | 7148.71 | -312.75 | -2905.95 | 89.74 | 1247.82 | 377.95 | 3.31 | PASS |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7152.90 | 7148.90 | -312.75 | -2905.95 | 89.77 | 1156.82 | 382.39 | 3.03 | PASS |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7153.10 | 7149.10 | -312.75 | -2905.95 | 89.79 | 1067.43 | 387.73 | 2.76 | PASS |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7153.29 | 7149.29 | -312.75 | -2905.95 | 89.81 | 980.09 | 394.13 | 2.49 | PASS |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7153.49 | 7149.49 | -312.75 | -2905.95 | 89.83 | 895.41 | 401.82 | 2.23 | PASS |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7153.68 | 7149.68 | -312.75 | -2905.95 | 89.86 | 814.20 | 411.02 | 1.98 | PASS |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7153.88 | 7149.88 | -312.75 | -2905.95 | 89.88 | 737.63 | 421.92 | 1.75 | PASS |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7154.07 | 7150.07 | -312.75 | -2905.95 | 89.90 | 667.29 | 434.61 | 1.54 | PASS |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7154.26 | 7150.26 | -312.75 | -2905.95 | 89.92 | 605.36 | 448.84 | 1.35 | PASS |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7154.46 | 7150.46 | -312.75 | -2905.95 | 89.95 | 554.65 | 463.71 | 1.20 | PASS |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7154.65 | 7150.65 | -312.75 | -2905.95 | 89.97 | 518.47 | 477.43 | 1.09 | PASS |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7154.85 | 7150.85 | -312.75 | -2905.95 | 89.99 | 499.98 | 487.45 | 1.03 | PASS |
| 10664.21† | 7150.93 | -810.77 | -2901.85 | 7155.29 | 7151.29 | -312.75 | -2905.95 | 90.04 | 498.03 | 490.11 | 1.02 | PASS |
| 10681.44† | 7150.97 | -810.92 | -2919.07 | 7154.97 | 7150.97 | -312.75 | -2905.95 | 90.00 | 498.33 | 490.78 | 1.02 | PASS |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7155.04 | 7151.04 | -312.75 | -2905.95 | 90.01 | 501.16 | 491.61 | 1.02 | PASS |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7155.24 | 7151.24 | -312.75 | -2905.95 | 90.04 | 521.86 | 489.49 | 1.07 | PASS |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7155.43 | 7151.43 | -312.75 | -2905.95 | 90.06 | 559.92 | 482.61 | 1.16 | PASS |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7155.62 | 7151.62 | -312.75 | -2905.95 | 90.08 | 612.12 | 473.22 | 1.29 | PASS |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7155.82 | 7151.82 | -312.75 | -2905.95 | 90.10 | 675.18 | 463.16 | 1.46 | PASS |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7156.01 | 7152.01 | -312.75 | -2905.95 | 90.12 | 746.35 | 453.52 | 1.65 | PASS |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7156.21 | 7152.21 | -312.75 | -2905.95 | 90.15 | 823.54 | 444.77 | 1.85 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE 1-34 AWB Offset Wellpath: EX. HERTZKE 1-34 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#26 EX. HERTZKE1-34 (766'FSL & 1975'FWL, CODL/SI) Well: EX. HERTZKE 1-34 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7156.40 | 7152.40 | -312.75 | -2905.95 | 90.17 | 905.20 | 437.05 | 2.07 | PASS |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7156.60 | 7152.60 | -312.75 | -2905.95 | 90.19 | 990.23 | 430.32 | 2.30 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HERTZKE 1-34 AWB Offset Wellpath: EX. HERTZKE 1-34 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. HERTZKE 1-34 AWB Offset Wellpath: EX. HERTZKE 1-34 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|----------------------|
| 0.00 | 7342.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7342> | EX. HERTZKE 1-34 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HERTZKE 1-34 AWB Offset Wellpath: EX. HERTZKE 1-34 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#26 EX. HERTZKE1-34 (766'FSL & 1975'FWL, CODL/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP

| Facility: SEC.11-T05N-R67W | | | | Slot: SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) | | | | Well: EX. ARTIST 11-12 | | | | Threshold Value=1.00 † = interpolated/extrapolated station | | | |
|----------------------------|--------------|----------------|---------------|--|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|--|--|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 89.00 | 20.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 50.35 | 137.88 | PASS | | | |
| 120.00† | 120.00 | 0.00 | 0.00 | 189.00 | 120.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 51.21 | 135.52 | PASS | | | |
| 220.00† | 220.00 | 0.00 | 0.00 | 289.00 | 220.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 52.79 | 131.40 | PASS | | | |
| 320.00† | 320.00 | 0.00 | 0.00 | 389.00 | 320.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 54.98 | 126.07 | PASS | | | |
| 420.00† | 420.00 | 0.00 | 0.00 | 489.00 | 420.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 57.66 | 120.11 | PASS | | | |
| 520.00† | 520.00 | 0.00 | 0.00 | 589.00 | 520.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 60.72 | 113.96 | PASS | | | |
| 620.00† | 620.00 | 0.00 | 0.00 | 689.00 | 620.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 64.07 | 107.90 | PASS | | | |
| 720.00† | 720.00 | 0.00 | 0.00 | 789.00 | 720.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 67.64 | 102.12 | PASS | | | |
| 750.00 | 750.00 | 0.00 | 0.00 | 819.00 | 750.00 | -1542.32 | -6633.29 | -103.09 | 6810.23 | 68.75 | 100.45 | PASS | | | |
| 820.00† | 819.99 | -0.57 | 0.64 | 888.99 | 819.99 | -1542.32 | -6633.29 | 125.51 | 6810.73 | 71.39 | 96.70 | PASS | | | |
| 920.00† | 919.90 | -3.33 | 3.78 | 988.90 | 919.90 | -1542.32 | -6633.29 | 125.50 | 6813.16 | 75.27 | 91.67 | PASS | | | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1088.60 | 1019.60 | -1542.32 | -6633.29 | 125.48 | 6817.63 | 79.27 | 87.06 | PASS | | | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1187.97 | 1118.97 | -1542.32 | -6633.29 | 125.45 | 6824.12 | 83.33 | 82.84 | PASS | | | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1286.89 | 1217.89 | -1542.32 | -6633.29 | 125.40 | 6832.65 | 87.45 | 78.99 | PASS | | | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1360.37 | 1291.37 | -1542.32 | -6633.29 | 125.37 | 6840.34 | 90.54 | 76.35 | PASS | | | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1385.27 | 1316.27 | -1542.32 | -6633.29 | 125.40 | 6843.15 | 91.59 | 75.50 | PASS | | | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1483.47 | 1414.47 | -1542.32 | -6633.29 | 125.53 | 6854.25 | 95.76 | 72.29 | PASS | | | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1581.66 | 1512.66 | -1542.32 | -6633.29 | 125.65 | 6865.38 | 99.98 | 69.33 | PASS | | | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1679.86 | 1610.86 | -1542.32 | -6633.29 | 125.78 | 6876.54 | 104.22 | 66.59 | PASS | | | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1778.06 | 1709.06 | -1542.32 | -6633.29 | 125.91 | 6887.74 | 108.50 | 64.04 | PASS | | | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1876.26 | 1807.26 | -1542.32 | -6633.29 | 126.03 | 6898.97 | 112.52 | 61.70 | PASS | | | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1974.46 | 1905.46 | -1542.32 | -6633.29 | 126.16 | 6910.23 | 116.78 | 59.53 | PASS | | | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2072.66 | 2003.66 | -1542.32 | -6633.29 | 126.28 | 6921.53 | 121.07 | 57.50 | PASS | | | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2170.85 | 2101.85 | -1542.32 | -6633.29 | 126.41 | 6932.86 | 125.39 | 55.60 | PASS | | | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2269.05 | 2200.05 | -1542.32 | -6633.29 | 126.53 | 6944.23 | 129.74 | 53.81 | PASS | | | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2367.25 | 2298.25 | -1542.32 | -6633.29 | 126.65 | 6955.62 | 134.11 | 52.14 | PASS | | | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2465.45 | 2396.45 | -1542.32 | -6633.29 | 126.78 | 6967.05 | 138.50 | 50.56 | PASS | | | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2563.65 | 2494.65 | -1542.32 | -6633.29 | 126.90 | 6978.52 | 142.91 | 49.07 | PASS | | | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2661.85 | 2592.85 | -1542.32 | -6633.29 | 127.02 | 6990.01 | 147.34 | 47.66 | PASS | | | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2760.04 | 2691.04 | -1542.32 | -6633.29 | 127.14 | 7001.54 | 151.80 | 46.34 | PASS | | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) | | | | | | | | | | Well: EX. ARTIST 11-12 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|------------------------|-----------|--|--|--|--|--|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | | | | | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2858.24 | 2789.24 | -1542.32 | -6633.29 | 127.27 | 7013.09 | 156.26 | 45.08 | PASS | | | | | | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2956.44 | 2887.44 | -1542.32 | -6633.29 | 127.39 | 7024.68 | 160.75 | 43.89 | PASS | | | | | | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3054.64 | 2985.64 | -1542.32 | -6633.29 | 127.51 | 7036.31 | 165.26 | 42.76 | PASS | | | | | | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3152.84 | 3083.84 | -1542.32 | -6633.29 | 127.63 | 7047.96 | 169.77 | 41.68 | PASS | | | | | | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3251.03 | 3182.03 | -1542.32 | -6633.29 | 127.75 | 7059.64 | 174.31 | 40.66 | PASS | | | | | | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3349.23 | 3280.23 | -1542.32 | -6633.29 | 127.87 | 7071.36 | 178.86 | 39.69 | PASS | | | | | | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3447.43 | 3378.43 | -1542.32 | -6633.29 | 127.99 | 7083.11 | 183.42 | 38.76 | PASS | | | | | | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3545.63 | 3476.63 | -1542.32 | -6633.29 | 128.11 | 7094.89 | 188.00 | 37.88 | PASS | | | | | | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3643.83 | 3574.83 | -1542.32 | -6633.29 | 128.23 | 7106.69 | 192.59 | 37.03 | PASS | | | | | | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3742.03 | 3673.03 | -1542.32 | -6633.29 | 128.34 | 7118.53 | 197.19 | 36.23 | PASS | | | | | | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3840.22 | 3771.22 | -1542.32 | -6633.29 | 128.46 | 7130.40 | 201.81 | 35.45 | PASS | | | | | | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3938.42 | 3869.42 | -1542.32 | -6633.29 | 128.58 | 7142.30 | 206.44 | 34.71 | PASS | | | | | | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4036.62 | 3967.62 | -1542.32 | -6633.29 | 128.70 | 7154.23 | 211.08 | 34.00 | PASS | | | | | | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4134.82 | 4065.82 | -1542.32 | -6633.29 | 128.81 | 7166.19 | 215.73 | 33.33 | PASS | | | | | | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4233.02 | 4164.02 | -1542.32 | -6633.29 | 128.93 | 7178.18 | 220.39 | 32.67 | PASS | | | | | | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4331.22 | 4262.22 | -1542.32 | -6633.29 | 129.04 | 7190.20 | 225.06 | 32.05 | PASS | | | | | | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4429.41 | 4360.41 | -1542.32 | -6633.29 | 129.16 | 7202.25 | 229.74 | 31.44 | PASS | | | | | | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4527.61 | 4458.61 | -1542.32 | -6633.29 | 129.28 | 7214.33 | 234.43 | 30.86 | PASS | | | | | | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4625.81 | 4556.81 | -1542.32 | -6633.29 | 129.39 | 7226.44 | 239.12 | 30.31 | PASS | | | | | | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4724.01 | 4655.01 | -1542.32 | -6633.29 | 129.50 | 7238.57 | 243.83 | 29.77 | PASS | | | | | | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4822.21 | 4753.21 | -1542.32 | -6633.29 | 129.62 | 7250.74 | 248.55 | 29.25 | PASS | | | | | | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4920.40 | 4851.40 | -1542.32 | -6633.29 | 129.73 | 7262.93 | 253.27 | 28.75 | PASS | | | | | | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5018.60 | 4949.60 | -1542.32 | -6633.29 | 129.85 | 7275.15 | 258.00 | 28.27 | PASS | | | | | | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5116.80 | 5047.80 | -1542.32 | -6633.29 | 129.96 | 7287.41 | 262.74 | 27.81 | PASS | | | | | | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5215.00 | 5146.00 | -1542.32 | -6633.29 | 130.07 | 7299.69 | 267.49 | 27.36 | PASS | | | | | | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5313.20 | 5244.20 | -1542.32 | -6633.29 | 130.18 | 7311.99 | 272.24 | 26.93 | PASS | | | | | | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5411.40 | 5342.40 | -1542.32 | -6633.29 | 130.29 | 7324.33 | 277.00 | 26.51 | PASS | | | | | | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5509.59 | 5440.59 | -1542.32 | -6633.29 | 130.41 | 7336.69 | 281.77 | 26.10 | PASS | | | | | | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5607.79 | 5538.79 | -1542.32 | -6633.29 | 130.52 | 7349.09 | 286.54 | 25.71 | PASS | | | | | | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5705.99 | 5636.99 | -1542.32 | -6633.29 | 130.63 | 7361.51 | 291.32 | 25.33 | PASS | | | | | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 80 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) Well: EX. ARTIST 11-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5804.19 | 5735.19 | -1542.32 | -6633.29 | 130.74 | 7373.95 | 296.11 | 24.96 | PASS | | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5902.39 | 5833.39 | -1542.32 | -6633.29 | 130.85 | 7386.43 | 300.90 | 24.60 | PASS | | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 6000.58 | 5931.58 | -1542.32 | -6633.29 | 130.96 | 7398.93 | 305.69 | 24.26 | PASS | | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6098.78 | 6029.78 | -1542.32 | -6633.29 | 131.07 | 7411.46 | 310.50 | 23.92 | PASS | | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6196.98 | 6127.98 | -1542.32 | -6633.29 | 131.18 | 7424.01 | 315.30 | 23.60 | PASS | | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6295.18 | 6226.18 | -1542.32 | -6633.29 | 131.28 | 7436.60 | 320.11 | 23.28 | PASS | | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6393.38 | 6324.38 | -1542.32 | -6633.29 | 131.39 | 7449.20 | 324.93 | 22.97 | PASS | | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6491.58 | 6422.58 | -1542.32 | -6633.29 | 131.50 | 7461.84 | 329.75 | 22.68 | PASS | | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6493.71 | 6424.71 | -1542.32 | -6633.29 | 131.50 | 7462.12 | 329.86 | 22.67 | PASS | | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6590.44 | 6521.44 | -1542.32 | -6633.29 | 78.49 | 7467.05 | 334.66 | 22.36 | PASS | | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6689.12 | 6620.12 | -1542.32 | -6633.29 | 31.31 | 7456.71 | 339.88 | 21.98 | PASS | | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6785.17 | 6716.17 | -1542.32 | -6633.29 | 15.67 | 7431.04 | 345.24 | 21.57 | PASS | | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6876.23 | 6807.23 | -1542.32 | -6633.29 | 8.92 | 7390.68 | 350.20 | 21.15 | PASS | | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6960.06 | 6891.06 | -1542.32 | -6633.29 | 4.96 | 7336.61 | 354.65 | 20.73 | PASS | | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7034.59 | 6965.59 | -1542.32 | -6633.29 | 1.97 | 7270.17 | 358.54 | 20.32 | PASS | | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7098.00 | 7029.00 | -1542.32 | -6633.29 | -0.99 | 7192.97 | 361.77 | 19.92 | PASS | | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7148.71 | 7079.71 | -1542.32 | -6633.29 | -4.85 | 7106.93 | 364.31 | 19.54 | PASS | | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7185.48 | 7116.48 | -1542.32 | -6633.29 | -11.73 | 7014.16 | 366.10 | 19.19 | PASS | | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7207.41 | 7138.41 | -1542.32 | -6633.29 | -30.27 | 6916.95 | 367.16 | 18.87 | PASS | | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7214.00 | 7145.00 | -1542.32 | -6633.29 | -88.92 | 6826.85 | 367.49 | 18.61 | PASS | | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7214.02 | 7145.02 | -1542.32 | -6633.29 | -88.92 | 6817.71 | 367.50 | 18.59 | PASS | | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7214.21 | 7145.21 | -1542.32 | -6633.29 | -88.94 | 6718.25 | 367.54 | 18.31 | PASS | | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7214.41 | 7145.41 | -1542.32 | -6633.29 | -88.95 | 6618.80 | 367.60 | 18.04 | PASS | | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7214.60 | 7145.60 | -1542.32 | -6633.29 | -88.97 | 6519.37 | 367.66 | 17.76 | PASS | | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7214.80 | 7145.80 | -1542.32 | -6633.29 | -88.99 | 6419.96 | 367.73 | 17.49 | PASS | | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7214.99 | 7145.99 | -1542.32 | -6633.29 | -89.00 | 6320.56 | 367.82 | 17.22 | PASS | | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7215.18 | 7146.18 | -1542.32 | -6633.29 | -89.02 | 6221.19 | 367.91 | 16.94 | PASS | | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7215.38 | 7146.38 | -1542.32 | -6633.29 | -89.03 | 6121.84 | 368.02 | 16.66 | PASS | | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7215.57 | 7146.57 | -1542.32 | -6633.29 | -89.05 | 6022.50 | 368.14 | 16.39 | PASS | | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7215.77 | 7146.77 | -1542.32 | -6633.29 | -89.07 | 5923.19 | 368.28 | 16.11 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 81 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) Well: EX. ARTIST 11-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7215.96 | 7146.96 | -1542.32 | -6633.29 | -89.08 | 5823.91 | 368.43 | 15.84 | PASS | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7216.16 | 7147.16 | -1542.32 | -6633.29 | -89.10 | 5724.64 | 368.60 | 15.56 | PASS | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7216.35 | 7147.35 | -1542.32 | -6633.29 | -89.11 | 5625.41 | 368.78 | 15.28 | PASS | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7216.54 | 7147.54 | -1542.32 | -6633.29 | -89.13 | 5526.20 | 368.99 | 15.00 | PASS | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7216.74 | 7147.74 | -1542.32 | -6633.29 | -89.14 | 5427.02 | 369.21 | 14.73 | PASS | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7216.93 | 7147.93 | -1542.32 | -6633.29 | -89.16 | 5327.87 | 369.46 | 14.45 | PASS | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7217.13 | 7148.13 | -1542.32 | -6633.29 | -89.18 | 5228.76 | 369.74 | 14.17 | PASS | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7217.32 | 7148.32 | -1542.32 | -6633.29 | -89.19 | 5129.67 | 370.03 | 13.89 | PASS | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7217.52 | 7148.52 | -1542.32 | -6633.29 | -89.21 | 5030.63 | 370.36 | 13.61 | PASS | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7217.71 | 7148.71 | -1542.32 | -6633.29 | -89.22 | 4931.62 | 370.72 | 13.33 | PASS | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7217.90 | 7148.90 | -1542.32 | -6633.29 | -89.24 | 4832.66 | 371.11 | 13.05 | PASS | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7218.10 | 7149.10 | -1542.32 | -6633.29 | -89.26 | 4733.73 | 371.53 | 12.76 | PASS | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7218.29 | 7149.29 | -1542.32 | -6633.29 | -89.27 | 4634.86 | 371.99 | 12.48 | PASS | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7218.49 | 7149.49 | -1542.32 | -6633.29 | -89.29 | 4536.03 | 372.50 | 12.20 | PASS | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7218.68 | 7149.68 | -1542.32 | -6633.29 | -89.30 | 4437.25 | 373.05 | 11.92 | PASS | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7218.88 | 7149.88 | -1542.32 | -6633.29 | -89.32 | 4338.54 | 373.64 | 11.63 | PASS | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7219.07 | 7150.07 | -1542.32 | -6633.29 | -89.34 | 4239.88 | 374.29 | 11.35 | PASS | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7219.26 | 7150.26 | -1542.32 | -6633.29 | -89.35 | 4141.28 | 375.00 | 11.06 | PASS | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7219.46 | 7150.46 | -1542.32 | -6633.29 | -89.37 | 4042.76 | 375.77 | 10.78 | PASS | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7219.65 | 7150.65 | -1542.32 | -6633.29 | -89.38 | 3944.31 | 376.60 | 10.49 | PASS | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7219.85 | 7150.85 | -1542.32 | -6633.29 | -89.40 | 3845.94 | 377.51 | 10.20 | PASS | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7220.04 | 7151.04 | -1542.32 | -6633.29 | -89.42 | 3747.65 | 378.49 | 9.92 | PASS | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7220.24 | 7151.24 | -1542.32 | -6633.29 | -89.43 | 3649.46 | 379.57 | 9.63 | PASS | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7220.43 | 7151.43 | -1542.32 | -6633.29 | -89.45 | 3551.37 | 380.73 | 9.34 | PASS | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7220.62 | 7151.62 | -1542.32 | -6633.29 | -89.46 | 3453.39 | 382.00 | 9.06 | PASS | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7220.82 | 7151.82 | -1542.32 | -6633.29 | -89.48 | 3355.53 | 383.38 | 8.77 | PASS | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7221.01 | 7152.01 | -1542.32 | -6633.29 | -89.49 | 3257.80 | 384.88 | 8.48 | PASS | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7221.21 | 7152.21 | -1542.32 | -6633.29 | -89.51 | 3160.21 | 386.51 | 8.19 | PASS | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7221.40 | 7152.40 | -1542.32 | -6633.29 | -89.53 | 3062.77 | 388.29 | 7.90 | PASS | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7221.60 | 7152.60 | -1542.32 | -6633.29 | -89.54 | 2965.51 | 390.23 | 7.61 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) Well: EX. ARTIST 11-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7221.79 | 7152.79 | -1542.32 | -6633.29 | -89.56 | 2868.43 | 392.34 | 7.32 | PASS | | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7221.98 | 7152.98 | -1542.32 | -6633.29 | -89.57 | 2771.56 | 394.65 | 7.03 | PASS | | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7222.18 | 7153.18 | -1542.32 | -6633.29 | -89.59 | 2674.93 | 397.17 | 6.75 | PASS | | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 7222.37 | 7153.37 | -1542.32 | -6633.29 | -89.61 | 2578.55 | 399.93 | 6.46 | PASS | | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7222.57 | 7153.57 | -1542.32 | -6633.29 | -89.62 | 2482.45 | 402.95 | 6.17 | PASS | | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7222.76 | 7153.76 | -1542.32 | -6633.29 | -89.64 | 2386.68 | 406.26 | 5.88 | PASS | | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7222.96 | 7153.96 | -1542.32 | -6633.29 | -89.65 | 2291.27 | 409.90 | 5.60 | PASS | | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7223.15 | 7154.15 | -1542.32 | -6633.29 | -89.67 | 2196.26 | 413.90 | 5.31 | PASS | | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7223.35 | 7154.35 | -1542.32 | -6633.29 | -89.69 | 2101.72 | 418.31 | 5.03 | PASS | | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7223.54 | 7154.54 | -1542.32 | -6633.29 | -89.70 | 2007.71 | 423.18 | 4.75 | PASS | | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7223.73 | 7154.73 | -1542.32 | -6633.29 | -89.72 | 1914.31 | 428.56 | 4.47 | PASS | | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7223.93 | 7154.93 | -1542.32 | -6633.29 | -89.73 | 1821.60 | 434.52 | 4.20 | PASS | | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7224.12 | 7155.12 | -1542.32 | -6633.29 | -89.75 | 1729.71 | 441.15 | 3.93 | PASS | | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 7224.32 | 7155.32 | -1542.32 | -6633.29 | -89.76 | 1638.77 | 448.53 | 3.66 | PASS | | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 7224.51 | 7155.51 | -1542.32 | -6633.29 | -89.78 | 1548.95 | 456.77 | 3.39 | PASS | | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 7224.71 | 7155.71 | -1542.32 | -6633.29 | -89.80 | 1460.44 | 465.97 | 3.14 | PASS | | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 7224.90 | 7155.90 | -1542.32 | -6633.29 | -89.81 | 1373.52 | 476.28 | 2.89 | PASS | | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 7225.09 | 7156.09 | -1542.32 | -6633.29 | -89.83 | 1288.50 | 487.84 | 2.64 | PASS | | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 7225.29 | 7156.29 | -1542.32 | -6633.29 | -89.84 | 1205.77 | 500.79 | 2.41 | PASS | | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 7225.48 | 7156.48 | -1542.32 | -6633.29 | -89.86 | 1125.86 | 515.27 | 2.19 | PASS | | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 7225.68 | 7156.68 | -1542.32 | -6633.29 | -89.88 | 1049.39 | 531.39 | 1.98 | PASS | | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 7225.87 | 7156.87 | -1542.32 | -6633.29 | -89.89 | 977.18 | 549.18 | 1.78 | PASS | | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 7226.07 | 7157.07 | -1542.32 | -6633.29 | -89.91 | 910.25 | 568.51 | 1.60 | PASS | | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 7226.26 | 7157.26 | -1542.32 | -6633.29 | -89.92 | 849.83 | 588.98 | 1.44 | PASS | | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 7226.45 | 7157.45 | -1542.32 | -6633.29 | -89.94 | 797.42 | 609.83 | 1.31 | PASS | | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 7226.65 | 7157.65 | -1542.32 | -6633.29 | -89.96 | 754.68 | 629.79 | 1.20 | PASS | | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 7226.84 | 7157.84 | -1542.32 | -6633.29 | -89.97 | 723.33 | 647.12 | 1.12 | PASS | | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 7227.04 | 7158.04 | -1542.32 | -6633.29 | -89.99 | 704.89 | 659.91 | 1.07 | PASS | | |
| 14403.13† | 7158.20 | -842.21 | -6640.62 | 7226.25 | 7157.25 | -1542.32 | -6633.29 | -89.92 | 700.15 | 665.89 | 1.05 | PASS | | |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 7227.23 | 7158.23 | -1542.32 | -6633.29 | -90.00 | 700.39 | 666.58 | 1.05 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|------------------------|-----------------|--|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Facility: SEC.11-T05N-R67W Slot: SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) | | | | Well: EX. ARTIST 11-12 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 7227.43 | 7158.43 | -1542.32 | -6633.29 | -90.02 | 710.07 | 666.51 | 1.07 | PASS | |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 7227.62 | 7158.62 | -1542.32 | -6633.29 | -90.04 | 733.40 | 660.20 | 1.11 | PASS | |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 7227.81 | 7158.81 | -1542.32 | -6633.29 | -90.05 | 769.11 | 649.08 | 1.19 | PASS | |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 7228.01 | 7159.01 | -1542.32 | -6633.29 | -90.07 | 815.60 | 634.91 | 1.28 | PASS | |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 7228.20 | 7159.20 | -1542.32 | -6633.29 | -90.08 | 871.13 | 619.27 | 1.41 | PASS | |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 7228.40 | 7159.40 | -1542.32 | -6633.29 | -90.10 | 934.09 | 603.35 | 1.55 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP | | | | |
|--|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP | | | | |
|--|-------------|--|--|----------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7358.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7358> | EX. ARTIST 11-12 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ARTIST 11-12 AWB Offset Wellpath: EX. ARTIST 11-12 AWP | |
|---|--|
| MD Reference: Rig on SLOT#01 EX. ARTIST 11-12 (458'FNL & 1774'FEL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 3 AWB Offset Wellpath: EX. GENESIS 3 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#01 EX. GENESIS 3 (660'FSL & 660'FEL, PR/CODL) Well: EX. GENESIS 3 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 6.00 | 20.00 | -290.34 | -347.77 | -129.86 | 453.03 | 50.18 | 9.19 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 106.00 | 120.00 | -290.34 | -347.77 | -129.86 | 453.03 | 50.43 | 9.14 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 206.00 | 220.00 | -290.34 | -347.77 | -129.86 | 453.03 | 51.42 | 8.96 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 306.00 | 320.00 | -290.34 | -347.77 | -129.86 | 453.03 | 53.11 | 8.67 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 406.00 | 420.00 | -290.34 | -347.77 | -129.86 | 453.03 | 55.40 | 8.30 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 506.00 | 520.00 | -290.34 | -347.77 | -129.86 | 453.03 | 58.16 | 7.90 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 606.00 | 620.00 | -290.34 | -347.77 | -129.86 | 453.03 | 61.28 | 7.49 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 706.00 | 720.00 | -290.34 | -347.77 | -129.86 | 453.03 | 64.68 | 7.10 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 736.00 | 750.00 | -290.34 | -347.77 | -129.86 | 453.03 | 65.76 | 6.98 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 805.99 | 819.99 | -290.34 | -347.77 | 98.85 | 453.16 | 68.29 | 6.72 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 905.90 | 919.90 | -290.34 | -347.77 | 99.35 | 453.83 | 72.06 | 6.37 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1005.60 | 1019.60 | -290.34 | -347.77 | 100.28 | 455.14 | 75.95 | 6.06 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1104.97 | 1118.97 | -290.34 | -347.77 | 101.60 | 457.27 | 79.93 | 5.78 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1203.89 | 1217.89 | -290.34 | -347.77 | 103.30 | 460.45 | 83.98 | 5.53 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1277.37 | 1291.37 | -290.34 | -347.77 | 104.80 | 463.69 | 87.04 | 5.38 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1302.27 | 1316.27 | -290.34 | -347.77 | 105.36 | 464.96 | 88.08 | 5.33 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1400.47 | 1414.47 | -290.34 | -347.77 | 107.54 | 470.40 | 92.22 | 5.14 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1498.66 | 1512.66 | -290.34 | -347.77 | 109.68 | 476.53 | 96.41 | 4.98 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1596.86 | 1610.86 | -290.34 | -347.77 | 111.75 | 483.32 | 100.64 | 4.84 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1695.06 | 1709.06 | -290.34 | -347.77 | 113.77 | 490.75 | 104.90 | 4.71 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1793.26 | 1807.26 | -290.34 | -347.77 | 115.73 | 498.78 | 108.90 | 4.60 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1891.46 | 1905.46 | -290.34 | -347.77 | 117.63 | 507.39 | 113.16 | 4.51 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1989.66 | 2003.66 | -290.34 | -347.77 | 119.46 | 516.55 | 117.45 | 4.42 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2087.85 | 2101.85 | -290.34 | -347.77 | 121.23 | 526.23 | 121.77 | 4.34 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2186.05 | 2200.05 | -290.34 | -347.77 | 122.93 | 536.39 | 126.11 | 4.27 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2284.25 | 2298.25 | -290.34 | -347.77 | 124.57 | 547.03 | 130.47 | 4.21 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2382.45 | 2396.45 | -290.34 | -347.77 | 126.15 | 558.10 | 134.86 | 4.15 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2480.65 | 2494.65 | -290.34 | -347.77 | 127.67 | 569.58 | 139.27 | 4.11 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2578.85 | 2592.85 | -290.34 | -347.77 | 129.13 | 581.45 | 143.70 | 4.06 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2677.04 | 2691.04 | -290.34 | -347.77 | 130.53 | 593.68 | 148.14 | 4.02 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 3 AWB Offset Wellpath: EX. GENESIS 3 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#01 EX. GENESIS 3 (660'FSL & 660'FEL, PR/CODL) Well: EX. GENESIS 3 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2775.24 | 2789.24 | -290.34 | -347.77 | 131.87 | 606.26 | 152.61 | 3.99 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2873.44 | 2887.44 | -290.34 | -347.77 | 133.18 | 619.15 | 157.09 | 3.95 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2971.64 | 2985.64 | -290.34 | -347.77 | 134.40 | 632.35 | 161.58 | 3.93 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3069.84 | 3083.84 | -290.34 | -347.77 | 135.59 | 645.83 | 166.09 | 3.90 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3168.03 | 3182.03 | -290.34 | -347.77 | 136.73 | 659.58 | 170.61 | 3.88 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3266.23 | 3280.23 | -290.34 | -347.77 | 137.82 | 673.58 | 175.15 | 3.86 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3364.43 | 3378.43 | -290.34 | -347.77 | 138.87 | 687.81 | 179.70 | 3.84 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3462.63 | 3476.63 | -290.34 | -347.77 | 139.87 | 702.26 | 184.27 | 3.82 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3560.83 | 3574.83 | -290.34 | -347.77 | 140.84 | 716.92 | 188.84 | 3.81 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3659.03 | 3673.03 | -290.34 | -347.77 | 141.77 | 731.78 | 193.43 | 3.79 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3757.22 | 3771.22 | -290.34 | -347.77 | 142.66 | 746.81 | 198.03 | 3.78 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3855.42 | 3869.42 | -290.34 | -347.77 | 143.52 | 762.02 | 202.64 | 3.77 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3953.62 | 3967.62 | -290.34 | -347.77 | 144.34 | 777.39 | 207.26 | 3.76 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4051.82 | 4065.82 | -290.34 | -347.77 | 145.13 | 792.91 | 211.89 | 3.75 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4150.02 | 4164.02 | -290.34 | -347.77 | 145.89 | 808.58 | 216.53 | 3.74 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4248.22 | 4262.22 | -290.34 | -347.77 | 146.62 | 824.38 | 221.19 | 3.74 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4346.41 | 4360.41 | -290.34 | -347.77 | 147.33 | 840.31 | 225.85 | 3.73 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4444.61 | 4458.61 | -290.34 | -347.77 | 148.01 | 856.36 | 230.51 | 3.72 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4542.81 | 4556.81 | -290.34 | -347.77 | 148.66 | 872.52 | 235.19 | 3.72 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4641.01 | 4655.01 | -290.34 | -347.77 | 149.29 | 888.80 | 239.88 | 3.71 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4739.21 | 4753.21 | -290.34 | -347.77 | 149.90 | 905.17 | 244.57 | 3.71 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4837.40 | 4851.40 | -290.34 | -347.77 | 150.49 | 921.64 | 249.27 | 3.71 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4935.60 | 4949.60 | -290.34 | -347.77 | 151.05 | 938.20 | 253.98 | 3.70 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5033.80 | 5047.80 | -290.34 | -347.77 | 151.60 | 954.85 | 258.70 | 3.70 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5132.00 | 5146.00 | -290.34 | -347.77 | 152.13 | 971.58 | 263.42 | 3.70 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5230.20 | 5244.20 | -290.34 | -347.77 | 152.64 | 988.39 | 268.15 | 3.69 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5328.40 | 5342.40 | -290.34 | -347.77 | 153.13 | 1005.27 | 272.89 | 3.69 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5426.59 | 5440.59 | -290.34 | -347.77 | 153.61 | 1022.23 | 277.63 | 3.69 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5524.79 | 5538.79 | -290.34 | -347.77 | 154.07 | 1039.25 | 282.38 | 3.69 | PASS | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5622.99 | 5636.99 | -290.34 | -347.77 | 154.52 | 1056.33 | 287.13 | 3.69 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 3 AWB Offset Wellpath: EX. GENESIS 3 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#01 EX. GENESIS 3 (660'FSL & 660'FEL, PR/CODL) Well: EX. GENESIS 3 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5721.19 | 5735.19 | -290.34 | -347.77 | 154.95 | 1073.48 | 291.90 | 3.68 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5819.39 | 5833.39 | -290.34 | -347.77 | 155.37 | 1090.68 | 296.66 | 3.68 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5917.58 | 5931.58 | -290.34 | -347.77 | 155.78 | 1107.94 | 301.43 | 3.68 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6015.78 | 6029.78 | -290.34 | -347.77 | 156.17 | 1125.25 | 306.21 | 3.68 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6113.98 | 6127.98 | -290.34 | -347.77 | 156.55 | 1142.61 | 310.99 | 3.68 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6212.18 | 6226.18 | -290.34 | -347.77 | 156.92 | 1160.02 | 315.78 | 3.68 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6310.38 | 6324.38 | -290.34 | -347.77 | 157.28 | 1177.48 | 320.57 | 3.68 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6408.58 | 6422.58 | -290.34 | -347.77 | 157.63 | 1194.98 | 325.37 | 3.68 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6410.71 | 6424.71 | -290.34 | -347.77 | 157.64 | 1195.36 | 325.48 | 3.68 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6507.44 | 6521.44 | -290.34 | -347.77 | 104.62 | 1205.53 | 330.32 | 3.66 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6606.12 | 6620.12 | -290.34 | -347.77 | 58.28 | 1201.51 | 335.79 | 3.58 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6702.17 | 6716.17 | -290.34 | -347.77 | 44.42 | 1183.22 | 341.44 | 3.47 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6793.23 | 6807.23 | -290.34 | -347.77 | 40.57 | 1151.39 | 346.45 | 3.33 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6877.06 | 6891.06 | -290.34 | -347.77 | 40.94 | 1107.17 | 350.91 | 3.16 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 6951.59 | 6965.59 | -290.34 | -347.77 | 44.21 | 1052.13 | 354.81 | 2.97 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7015.00 | 7029.00 | -290.34 | -347.77 | 50.15 | 988.24 | 358.15 | 2.76 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7065.71 | 7079.71 | -290.34 | -347.77 | 58.75 | 917.84 | 360.98 | 2.55 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7102.48 | 7116.48 | -290.34 | -347.77 | 69.47 | 843.66 | 363.37 | 2.32 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7124.41 | 7138.41 | -290.34 | -347.77 | 80.80 | 768.73 | 365.47 | 2.11 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7131.00 | 7145.00 | -290.34 | -347.77 | 89.89 | 702.85 | 367.22 | 1.92 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7131.02 | 7145.02 | -290.34 | -347.77 | 89.89 | 696.41 | 367.40 | 1.90 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7131.21 | 7145.21 | -290.34 | -347.77 | 89.91 | 630.72 | 369.77 | 1.71 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7131.41 | 7145.41 | -290.34 | -347.77 | 89.94 | 575.02 | 373.05 | 1.54 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7131.60 | 7145.60 | -290.34 | -347.77 | 89.96 | 532.43 | 377.12 | 1.41 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7131.80 | 7145.80 | -290.34 | -347.77 | 89.98 | 506.27 | 381.46 | 1.33 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7131.99 | 7145.99 | -290.34 | -347.77 | 90.00 | 499.14 | 385.25 | 1.30 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7132.18 | 7146.18 | -290.34 | -347.77 | 90.03 | 511.83 | 387.75 | 1.32 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7132.38 | 7146.38 | -290.34 | -347.77 | 90.05 | 542.96 | 388.77 | 1.40 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7132.57 | 7146.57 | -290.34 | -347.77 | 90.07 | 589.61 | 388.58 | 1.52 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7132.77 | 7146.77 | -290.34 | -347.77 | 90.09 | 648.44 | 387.68 | 1.67 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. GENESIS 3 AWB Offset Wellpath: EX. GENESIS 3 AWP | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Facility: SEC.01-T05N-R67W Slot: SLOT#01 EX. GENESIS 3 (660'FSL & 660'FEL, PR/CODL) Well: EX. GENESIS 3 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7132.96 | 7146.96 | -290.34 | -347.77 | 90.12 | 716.45 | 386.45 | 1.86 | PASS | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7133.16 | 7147.16 | -290.34 | -347.77 | 90.14 | 791.28 | 385.19 | 2.06 | PASS | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7133.35 | 7147.35 | -290.34 | -347.77 | 90.16 | 871.18 | 383.89 | 2.27 | PASS | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7133.54 | 7147.54 | -290.34 | -347.77 | 90.18 | 954.88 | 382.74 | 2.50 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. GENESIS 3 AWB Offset Wellpath: EX. GENESIS 3 AWP | | | |
|--|------------|---------|------------------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. GENESIS 3 AWB Offset Wellpath: EX. GENESIS 3 AWP | | | | |
|--|-------------|--|---|-------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7268.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSSUMED VERTICAL TO TD FROM COGCC <7268> | EX. GENESIS 3 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. GENESIS 3 AWB Offset Wellpath: EX. GENESIS 3 AWP | |
|---|--|
| MD Reference: Rig on SLOT#01 EX. GENESIS 3 (660'FSL & 660'FEL, PR/CODL) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W | | | | Slot: SLOT#19 GREELEY-ROTH FEDERAL 33N-2B-L (1043'FSL & 294'FEL, SEC.01) | | | | Well: GREELEY-ROTH FEDERAL 33N-2B-L | | Threshold Value=1.00 † = interpolated/extrapolated | | | |
|----------------------------|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|-------------------------------------|---------------------------|--|--------------|---------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 20.00 | 20.00 | 0.00 | 0.00 | 19.00 | 20.00 | 100.19 | -1.16 | -0.66 | 100.19 | 1.26 | 330.76 | P | |
| 120.00† | 120.00 | 0.00 | 0.00 | 119.00 | 120.00 | 100.19 | -1.16 | -0.66 | 100.19 | 1.88 | 108.07 | P | |
| 220.00† | 220.00 | 0.00 | 0.00 | 219.00 | 220.00 | 100.19 | -1.16 | -0.66 | 100.19 | 2.45 | 66.83 | P | |
| 320.00† | 320.00 | 0.00 | 0.00 | 319.00 | 320.00 | 100.19 | -1.16 | -0.66 | 100.19 | 3.05 | 47.54 | P | |
| 420.00† | 420.00 | 0.00 | 0.00 | 419.00 | 420.00 | 100.19 | -1.16 | -0.66 | 100.19 | 3.67 | 36.73 | P | |
| 520.00† | 520.00 | 0.00 | 0.00 | 518.81 | 519.81 | 100.20 | -1.10 | -0.63 | 100.21 | 4.28 | 29.91 | P | |
| 620.00† | 620.00 | 0.00 | 0.00 | 617.74 | 618.70 | 100.92 | 1.15 | 0.65 | 100.93 | 4.92 | 25.27 | P | |
| 720.00† | 720.00 | 0.00 | 0.00 | 716.38 | 717.18 | 102.65 | 6.63 | 3.69 | 102.90 | 5.64 | 21.80 | P | |
| 750.00 | 750.00 | 0.00 | 0.00 | 745.89 | 746.59 | 103.37 | 8.89 | 4.92 | 103.81 | 5.87 | 20.97 | P | |
| 820.00† | 819.99 | -0.57 | 0.64 | 814.56 | 814.93 | 105.39 | 15.29 | -123.47 | 107.08 | 6.43 | 19.40 | P | |
| 920.00† | 919.90 | -3.33 | 3.78 | 912.19 | 911.77 | 109.12 | 27.06 | -119.45 | 115.12 | 7.33 | 17.92 | P | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1011.34 | 1009.87 | 113.45 | 40.74 | -116.56 | 126.16 | 8.16 | 17.41 | P | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1110.50 | 1107.99 | 117.77 | 54.42 | -115.39 | 138.89 | 8.94 | 17.29 | P | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1209.47 | 1205.92 | 122.10 | 68.07 | -115.55 | 153.13 | 9.74 | 17.34 | P | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1283.15 | 1278.82 | 125.31 | 78.23 | -116.32 | 164.75 | 10.39 | 17.37 | P | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1308.14 | 1303.56 | 126.40 | 81.68 | -116.72 | 168.66 | 10.55 | 17.51 | P | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1406.72 | 1401.09 | 130.71 | 95.28 | -118.14 | 185.12 | 11.34 | 17.76 | P | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1505.29 | 1498.63 | 135.01 | 108.88 | -119.33 | 201.47 | 12.14 | 17.93 | P | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1603.87 | 1596.17 | 139.31 | 122.48 | -120.34 | 217.89 | 12.94 | 18.11 | P | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1702.44 | 1693.71 | 143.62 | 136.07 | -121.20 | 234.37 | 13.77 | 18.23 | P | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1801.02 | 1791.24 | 147.92 | 149.67 | -121.96 | 250.90 | 14.03 | 18.78 | P | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1899.59 | 1888.78 | 152.22 | 163.27 | -122.62 | 267.46 | 14.24 | 19.71 | P | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1998.17 | 1986.32 | 156.53 | 176.87 | -123.20 | 284.06 | 14.49 | 20.57 | P | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2096.74 | 2083.85 | 160.83 | 190.47 | -123.72 | 300.68 | 14.81 | 21.26 | P | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2195.31 | 2181.39 | 165.13 | 204.06 | -124.19 | 317.32 | 15.22 | 21.81 | P | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2293.89 | 2278.93 | 169.44 | 217.66 | -124.61 | 333.98 | 15.70 | 22.23 | P | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2392.46 | 2376.47 | 173.74 | 231.26 | -124.99 | 350.65 | 16.24 | 22.53 | P | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2491.04 | 2474.00 | 178.05 | 244.86 | -125.33 | 367.34 | 16.85 | 22.72 | P | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2589.61 | 2571.54 | 182.35 | 258.46 | -125.64 | 384.04 | 17.50 | 22.83 | P | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2688.19 | 2669.08 | 186.65 | 272.06 | -125.93 | 400.75 | 18.20 | 22.87 | P | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#19 GREELEY-ROTH FEDERAL 33N-2B-L (1043'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 33N-2B-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2786.76 | 2766.62 | 190.96 | 285.65 | -126.20 | 417.47 | 18.94 | 22.86 | P/ | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2885.34 | 2864.15 | 195.26 | 299.25 | -126.44 | 434.20 | 19.72 | 22.80 | P/ | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2983.91 | 2961.69 | 199.56 | 312.85 | -126.67 | 450.93 | 20.53 | 22.71 | P/ | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3082.49 | 3059.23 | 203.87 | 326.45 | -126.88 | 467.68 | 21.37 | 22.60 | P/ | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3181.06 | 3156.77 | 208.17 | 340.05 | -127.08 | 484.42 | 22.24 | 22.47 | P/ | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3279.64 | 3254.30 | 212.47 | 353.64 | -127.26 | 501.18 | 23.12 | 22.33 | P/ | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3378.21 | 3351.84 | 216.78 | 367.24 | -127.43 | 517.93 | 24.03 | 22.18 | P/ | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3476.79 | 3449.38 | 221.08 | 380.84 | -127.59 | 534.69 | 24.96 | 22.02 | P/ | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3575.36 | 3546.91 | 225.38 | 394.44 | -127.74 | 551.46 | 25.90 | 21.86 | P/ | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3673.93 | 3644.45 | 229.69 | 408.04 | -127.88 | 568.23 | 26.85 | 21.71 | P/ | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3772.51 | 3741.99 | 233.99 | 421.64 | -128.02 | 585.00 | 27.82 | 21.55 | P/ | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3871.08 | 3839.53 | 238.29 | 435.23 | -128.14 | 601.77 | 28.80 | 21.40 | P/ | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3969.66 | 3937.06 | 242.60 | 448.83 | -128.26 | 618.55 | 29.79 | 21.25 | P/ | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4068.23 | 4034.60 | 246.90 | 462.43 | -128.37 | 635.33 | 30.79 | 21.10 | P/ | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4166.81 | 4132.14 | 251.20 | 476.03 | -128.48 | 652.11 | 31.80 | 20.95 | P/ | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4265.38 | 4229.68 | 255.51 | 489.63 | -128.58 | 668.90 | 32.81 | 20.81 | P/ | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4363.96 | 4327.21 | 259.81 | 503.22 | -128.68 | 685.68 | 33.83 | 20.68 | P/ | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4462.53 | 4424.75 | 264.11 | 516.82 | -128.77 | 702.47 | 34.86 | 20.55 | P/ | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4561.11 | 4522.29 | 268.42 | 530.42 | -128.86 | 719.26 | 35.89 | 20.42 | P/ | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4659.68 | 4619.82 | 272.72 | 544.02 | -128.94 | 736.05 | 36.93 | 20.30 | P/ | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4758.26 | 4717.36 | 277.03 | 557.62 | -129.02 | 752.84 | 37.98 | 20.18 | P/ | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4856.83 | 4814.90 | 281.33 | 571.22 | -129.10 | 769.64 | 39.02 | 20.07 | P/ | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4955.40 | 4912.44 | 285.63 | 584.81 | -129.17 | 786.43 | 40.08 | 19.96 | P/ | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5053.98 | 5009.97 | 289.94 | 598.41 | -129.24 | 803.23 | 41.13 | 19.85 | P/ | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5152.55 | 5107.51 | 294.24 | 612.01 | -129.31 | 820.03 | 42.19 | 19.75 | P/ | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5251.13 | 5205.05 | 298.54 | 625.61 | -129.38 | 836.83 | 43.26 | 19.65 | P/ | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5349.70 | 5302.59 | 302.85 | 639.21 | -129.44 | 853.63 | 44.32 | 19.56 | P/ | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5448.28 | 5400.12 | 307.15 | 652.80 | -129.50 | 870.43 | 45.39 | 19.46 | P/ | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5546.85 | 5497.66 | 311.45 | 666.40 | -129.56 | 887.23 | 46.46 | 19.38 | P/ | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5645.43 | 5595.20 | 315.76 | 680.00 | -129.61 | 904.03 | 47.54 | 19.29 | P/ | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#19 GREELEY-ROTH FEDERAL 33N-2B-L (1043'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 33N-2B-L Threshold Value=1.00 † = interpolated/extrapolated | | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | Z St | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5744.00 | 5692.74 | 320.06 | 693.60 | -129.66 | 920.83 | 48.61 | 19.21 | P | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5842.58 | 5790.27 | 324.36 | 707.20 | -129.72 | 937.64 | 49.69 | 19.13 | P | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5941.15 | 5887.81 | 328.67 | 720.80 | -129.76 | 954.44 | 50.77 | 19.05 | P | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6039.73 | 5985.35 | 332.97 | 734.39 | -129.81 | 971.25 | 51.85 | 18.98 | P | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6138.30 | 6082.88 | 337.27 | 747.99 | -129.86 | 988.05 | 52.94 | 18.90 | P | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6236.87 | 6180.42 | 341.58 | 761.59 | -129.90 | 1004.86 | 54.02 | 18.83 | P | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6341.13 | 6283.66 | 346.06 | 775.38 | -129.98 | 1021.60 | 55.18 | 18.74 | P | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6462.90 | 6405.19 | 349.42 | 775.41 | -130.97 | 1036.76 | 56.80 | 18.47 | P | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6465.47 | 6407.75 | 349.46 | 775.16 | -131.00 | 1037.06 | 56.84 | 18.46 | P | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6578.25 | 6518.43 | 350.03 | 754.25 | -173.08 | 1050.38 | 58.60 | 18.13 | P | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6688.36 | 6621.32 | 348.31 | 715.46 | 123.21 | 1062.67 | 60.00 | 17.91 | P | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6793.56 | 6712.00 | 344.56 | 662.51 | 105.25 | 1073.47 | 61.53 | 17.64 | P | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6894.26 | 6789.52 | 339.15 | 598.62 | 96.60 | 1082.52 | 63.23 | 17.30 | P | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6990.92 | 6853.54 | 332.41 | 526.64 | 91.28 | 1089.60 | 65.13 | 16.90 | P | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7083.98 | 6904.17 | 324.63 | 449.05 | 87.61 | 1094.52 | 67.65 | 16.34 | P | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7173.87 | 6941.80 | 316.09 | 367.94 | 84.97 | 1097.08 | 70.75 | 15.65 | P | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7260.99 | 6966.97 | 306.99 | 285.12 | 83.09 | 1097.15 | 74.17 | 14.92 | P | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7345.69 | 6980.32 | 297.54 | 202.07 | 81.83 | 1094.65 | 78.42 | 14.08 | P | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7432.49 | 6982.88 | 287.43 | 115.94 | 81.12 | 1089.48 | 82.90 | 13.25 | P | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7522.50 | 6982.43 | 276.85 | 26.56 | 81.29 | 1081.55 | 87.60 | 12.44 | P | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7531.63 | 6982.38 | 275.78 | 17.49 | 81.28 | 1080.57 | 88.11 | 12.36 | P | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7631.03 | 6981.89 | 264.09 | -81.22 | 81.16 | 1069.88 | 93.82 | 11.48 | P | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7730.43 | 6981.39 | 252.41 | -179.93 | 81.03 | 1059.20 | 100.01 | 10.66 | P | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7829.83 | 6980.90 | 240.73 | -278.64 | 80.90 | 1048.52 | 106.60 | 9.90 | P | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7929.23 | 6980.40 | 229.04 | -377.35 | 80.77 | 1037.85 | 113.52 | 9.19 | P | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 8028.63 | 6979.91 | 217.36 | -476.06 | 80.63 | 1027.18 | 120.70 | 8.55 | P | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 8128.03 | 6979.42 | 205.68 | -574.77 | 80.49 | 1016.52 | 128.11 | 7.97 | P | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 8209.41 | 6979.01 | 196.58 | -655.63 | 80.38 | 1006.50 | 135.09 | 7.48 | P | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 8283.53 | 6978.64 | 190.16 | -729.47 | 80.30 | 998.90 | 141.95 | 7.07 | P | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 8357.90 | 6978.27 | 185.64 | -803.70 | 80.23 | 993.85 | 148.90 | 6.70 | P | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#19 GREELEY-ROTH FEDERAL 33N-2B-L (1043'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 33N-2B-L Threshold Value=1.00 † = interpolated/extrapolated | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|----|----|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | z | St |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 8432.42 | 6977.90 | 183.05 | -878.17 | 80.18 | 991.37 | 155.91 | 6.38 | P. | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 8506.99 | 6977.53 | 182.40 | -952.74 | 80.15 | 991.45 | 162.94 | 6.11 | P. | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 8581.51 | 6977.15 | 183.68 | -1027.25 | 80.14 | 994.09 | 169.97 | 5.87 | P. | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 8659.67 | 6976.77 | 187.07 | -1105.33 | 80.15 | 999.27 | 177.18 | 5.66 | P. | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 21.00 | 1740.76 | 61.07 | -0.71 | 74.94 | 43.12 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 21.00 | 1740.76 | 61.07 | -0.71 | 74.94 | 43.12 |
| 8.5in Open Hole | 1750.00 | 17285.52 | 15535.52 | 1740.76 | 6934.00 | 74.94 | 43.12 | 133.84 | -2963.82 |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|-----------------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 33N-2B-L PWB |
| 1750.00 | 17285.52 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 33N-2B-L PWB |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2B-L PWP (REV-A.0) | |
|---|---|
| MD Reference: PRECISION 462 (20') (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. BRANDONDI 1 AWP Offset Wellpath: EX. BRANDONDI 1 AWP

| Facility: SEC.06-T05N-R66W Slot: SLOT#01 EX. BRANDONDI 1 (682'FSL & 666'FWL, NB-CD/SI) Well: EX. BRANDONDI 1 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | -2.00 | 20.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 25.57 | 41.36 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 98.00 | 120.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 50.37 | 20.60 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 198.00 | 220.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 51.30 | 20.22 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 298.00 | 320.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 52.95 | 19.58 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 398.00 | 420.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 55.19 | 18.76 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 498.00 | 520.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 57.92 | 17.87 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 598.00 | 620.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 61.02 | 16.94 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 698.00 | 720.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 64.40 | 16.04 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 728.00 | 750.00 | -294.69 | 975.03 | 106.82 | 1018.59 | 65.47 | 15.77 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 797.99 | 819.99 | -294.69 | 975.03 | -24.61 | 1017.81 | 68.00 | 15.17 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 897.90 | 919.90 | -294.69 | 975.03 | -24.74 | 1014.01 | 71.78 | 14.30 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 997.60 | 1019.60 | -294.69 | 975.03 | -24.98 | 1007.04 | 75.72 | 13.46 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1096.97 | 1118.97 | -294.69 | 975.03 | -25.34 | 996.94 | 79.74 | 12.64 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1195.89 | 1217.89 | -294.69 | 975.03 | -25.82 | 983.74 | 83.83 | 11.86 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1269.37 | 1291.37 | -294.69 | 975.03 | -26.26 | 971.89 | 86.91 | 11.30 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1294.27 | 1316.27 | -294.69 | 975.03 | -26.39 | 967.58 | 87.94 | 11.11 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1392.47 | 1414.47 | -294.69 | 975.03 | -26.89 | 950.63 | 92.07 | 10.42 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1490.66 | 1512.66 | -294.69 | 975.03 | -27.42 | 933.75 | 96.25 | 9.79 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1588.86 | 1610.86 | -294.69 | 975.03 | -27.96 | 916.95 | 100.46 | 9.21 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1687.06 | 1709.06 | -294.69 | 975.03 | -28.52 | 900.24 | 104.71 | 8.67 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1785.26 | 1807.26 | -294.69 | 975.03 | -29.10 | 883.61 | 108.71 | 8.18 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1883.46 | 1905.46 | -294.69 | 975.03 | -29.71 | 867.07 | 112.94 | 7.72 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1981.66 | 2003.66 | -294.69 | 975.03 | -30.33 | 850.64 | 117.21 | 7.30 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2079.85 | 2101.85 | -294.69 | 975.03 | -30.99 | 834.31 | 121.51 | 6.90 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2178.05 | 2200.05 | -294.69 | 975.03 | -31.66 | 818.09 | 125.84 | 6.53 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2276.25 | 2298.25 | -294.69 | 975.03 | -32.37 | 801.98 | 130.18 | 6.19 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2374.45 | 2396.45 | -294.69 | 975.03 | -33.10 | 786.00 | 134.56 | 5.87 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2472.65 | 2494.65 | -294.69 | 975.03 | -33.87 | 770.15 | 138.95 | 5.57 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2570.85 | 2592.85 | -294.69 | 975.03 | -34.66 | 754.45 | 143.37 | 5.28 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2669.04 | 2691.04 | -294.69 | 975.03 | -35.49 | 738.89 | 147.80 | 5.02 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. BRANDONDI 1 AWB Offset Wellpath: EX. BRANDONDI 1 AWP

| Facility: SEC.06-T05N-R66W Slot: SLOT#01 EX. BRANDONDI 1 (682'FSL & 666'FWL, NB-CD/SI) Well: EX. BRANDONDI 1 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2767.24 | 2789.24 | -294.69 | 975.03 | -36.35 | 723.49 | 152.26 | 4.77 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2865.44 | 2887.44 | -294.69 | 975.03 | -37.25 | 708.26 | 156.73 | 4.53 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2963.64 | 2985.64 | -294.69 | 975.03 | -38.19 | 693.21 | 161.22 | 4.31 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3061.84 | 3083.84 | -294.69 | 975.03 | -39.17 | 678.35 | 165.73 | 4.11 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3160.03 | 3182.03 | -294.69 | 975.03 | -40.19 | 663.70 | 170.25 | 3.91 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3258.23 | 3280.23 | -294.69 | 975.03 | -41.26 | 649.27 | 174.80 | 3.73 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3356.43 | 3378.43 | -294.69 | 975.03 | -42.38 | 635.07 | 179.35 | 3.55 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3454.63 | 3476.63 | -294.69 | 975.03 | -43.54 | 621.13 | 183.93 | 3.39 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3552.83 | 3574.83 | -294.69 | 975.03 | -44.76 | 607.45 | 188.52 | 3.23 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3651.03 | 3673.03 | -294.69 | 975.03 | -46.03 | 594.06 | 193.12 | 3.08 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3749.22 | 3771.22 | -294.69 | 975.03 | -47.36 | 580.97 | 197.74 | 2.95 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3847.42 | 3869.42 | -294.69 | 975.03 | -48.75 | 568.21 | 202.37 | 2.81 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3945.62 | 3967.62 | -294.69 | 975.03 | -50.20 | 555.80 | 207.02 | 2.69 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4043.82 | 4065.82 | -294.69 | 975.03 | -51.71 | 543.77 | 211.68 | 2.57 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4142.02 | 4164.02 | -294.69 | 975.03 | -53.29 | 532.13 | 216.35 | 2.46 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4240.22 | 4262.22 | -294.69 | 975.03 | -54.93 | 520.92 | 221.04 | 2.36 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4338.41 | 4360.41 | -294.69 | 975.03 | -56.65 | 510.16 | 225.74 | 2.26 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4436.61 | 4458.61 | -294.69 | 975.03 | -58.44 | 499.89 | 230.45 | 2.17 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4534.81 | 4556.81 | -294.69 | 975.03 | -60.29 | 490.13 | 235.17 | 2.09 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4633.01 | 4655.01 | -294.69 | 975.03 | -62.22 | 480.91 | 239.91 | 2.01 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4731.21 | 4753.21 | -294.69 | 975.03 | -64.22 | 472.27 | 244.65 | 1.93 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4829.40 | 4851.40 | -294.69 | 975.03 | -66.29 | 464.24 | 249.41 | 1.86 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4927.60 | 4949.60 | -294.69 | 975.03 | -68.43 | 456.85 | 254.17 | 1.80 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5025.80 | 5047.80 | -294.69 | 975.03 | -70.63 | 450.13 | 258.94 | 1.74 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5124.00 | 5146.00 | -294.69 | 975.03 | -72.89 | 444.12 | 263.72 | 1.69 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5222.20 | 5244.20 | -294.69 | 975.03 | -75.21 | 438.84 | 268.51 | 1.64 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5320.40 | 5342.40 | -294.69 | 975.03 | -77.58 | 434.31 | 273.31 | 1.59 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5418.59 | 5440.59 | -294.69 | 975.03 | -79.99 | 430.57 | 278.11 | 1.55 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5516.79 | 5538.79 | -294.69 | 975.03 | -82.44 | 427.64 | 282.91 | 1.51 | PASS | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5614.99 | 5636.99 | -294.69 | 975.03 | -84.92 | 425.52 | 287.71 | 1.48 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. BRANDONDI 1 AWB Offset Wellpath: EX. BRANDONDI 1 AWP

| Facility: SEC.06-T05N-R66W Slot: SLOT#01 EX. BRANDONDI 1 (682'FSL & 666'FWL, NB-CD/SI) Well: EX. BRANDONDI 1 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5713.19 | 5735.19 | -294.69 | 975.03 | -87.42 | 424.23 | 292.52 | 1.45 | PASS |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5811.39 | 5833.39 | -294.69 | 975.03 | -89.93 | 423.79 | 297.33 | 1.43 | PASS |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5909.58 | 5931.58 | -294.69 | 975.03 | -92.43 | 424.18 | 302.14 | 1.40 | PASS |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6007.78 | 6029.78 | -294.69 | 975.03 | -94.93 | 425.42 | 306.95 | 1.39 | PASS |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6105.98 | 6127.98 | -294.69 | 975.03 | -97.41 | 427.49 | 311.75 | 1.37 | PASS |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6204.18 | 6226.18 | -294.69 | 975.03 | -99.86 | 430.38 | 316.56 | 1.36 | PASS |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6302.38 | 6324.38 | -294.69 | 975.03 | -102.28 | 434.07 | 321.36 | 1.35 | PASS |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6400.58 | 6422.58 | -294.69 | 975.03 | -104.65 | 438.55 | 326.17 | 1.35 | PASS |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6402.71 | 6424.71 | -294.69 | 975.03 | -104.70 | 438.65 | 326.27 | 1.35 | PASS |
| 6541.96† | 6444.18 | -689.93 | 782.20 | 6422.18 | 6444.18 | -294.69 | 975.03 | -112.28 | 439.77 | 327.22 | 1.34 | PASS |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6499.44 | 6521.44 | -294.69 | 975.03 | -159.97 | 447.03 | 330.98 | 1.35 | PASS |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6598.12 | 6620.12 | -294.69 | 975.03 | 151.93 | 462.38 | 335.76 | 1.38 | PASS |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6694.17 | 6716.17 | -294.69 | 975.03 | 136.61 | 484.46 | 340.45 | 1.42 | PASS |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6785.23 | 6807.23 | -294.69 | 975.03 | 130.98 | 514.00 | 345.04 | 1.49 | PASS |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 6869.06 | 6891.06 | -294.69 | 975.03 | 128.41 | 552.16 | 349.48 | 1.58 | PASS |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 6943.59 | 6965.59 | -294.69 | 975.03 | 126.53 | 599.89 | 353.63 | 1.70 | PASS |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7007.00 | 7029.00 | -294.69 | 975.03 | 124.02 | 657.52 | 357.35 | 1.84 | PASS |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7057.71 | 7079.71 | -294.69 | 975.03 | 119.88 | 724.56 | 360.46 | 2.01 | PASS |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7094.48 | 7116.48 | -294.69 | 975.03 | 113.12 | 799.73 | 362.83 | 2.21 | PASS |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7116.41 | 7138.41 | -294.69 | 975.03 | 102.81 | 881.14 | 364.37 | 2.42 | PASS |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7123.00 | 7145.00 | -294.69 | 975.03 | 90.19 | 958.54 | 365.04 | 2.63 | PASS |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7123.02 | 7145.02 | -294.69 | 975.03 | 90.19 | 966.49 | 365.07 | 2.65 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. BRANDONDI 1 AWB Offset Wellpath: EX. BRANDONDI 1 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| WELLPATH COMPOSITION - Offset Wellbore: EX. BRANDONDI 1 AWB Offset Wellpath: EX. BRANDONDI 1 AWP | | | | |
|---|----------------|--|--|---------------------|
| Start MD (ft) | End MD (ft) | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7254.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7254> | EX. BRANDONDI 1 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. BRANDONDI 1 AWB Offset Wellpath: EX. BRANDONDI 1 AWP | |
|---|---|
| MD Reference: Rig on SLOT#01 EX. BRANDONDI 1 (682'FSL & 666'FWL, NB-CD/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#18 GREELEY-ROTH FEDERAL 33N-2C-L (1063'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 33N-2C-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St |
| 20.00 | 20.00 | 0.00 | 0.00 | 19.00 | 20.00 | 120.22 | -1.39 | -0.66 | 120.23 | 1.26 | 397.56 | P |
| 120.00† | 120.00 | 0.00 | 0.00 | 119.00 | 120.00 | 120.22 | -1.39 | -0.66 | 120.23 | 1.88 | 129.90 | P |
| 220.00† | 220.00 | 0.00 | 0.00 | 219.00 | 220.00 | 120.22 | -1.39 | -0.66 | 120.23 | 2.45 | 80.33 | P |
| 320.00† | 320.00 | 0.00 | 0.00 | 319.00 | 320.00 | 120.22 | -1.39 | -0.66 | 120.23 | 3.05 | 57.14 | P |
| 420.00† | 420.00 | 0.00 | 0.00 | 419.00 | 420.00 | 120.22 | -1.39 | -0.66 | 120.23 | 3.67 | 44.15 | P |
| 520.00† | 520.00 | 0.00 | 0.00 | 518.17 | 519.16 | 120.46 | -0.62 | -0.29 | 120.47 | 4.28 | 36.02 | P |
| 620.00† | 620.00 | 0.00 | 0.00 | 616.81 | 617.72 | 121.66 | 3.24 | 1.53 | 121.73 | 4.95 | 30.31 | P |
| 720.00† | 720.00 | 0.00 | 0.00 | 715.06 | 715.68 | 123.86 | 10.31 | 4.76 | 124.36 | 5.69 | 26.11 | P |
| 750.00 | 750.00 | 0.00 | 0.00 | 744.42 | 744.90 | 124.71 | 13.04 | 5.97 | 125.49 | 5.93 | 25.09 | P |
| 820.00† | 819.99 | -0.57 | 0.64 | 812.73 | 812.76 | 127.03 | 20.51 | -122.48 | 129.33 | 6.51 | 23.15 | P |
| 920.00† | 919.90 | -3.33 | 3.78 | 911.28 | 910.40 | 131.01 | 33.32 | -118.79 | 137.88 | 7.34 | 21.47 | P |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1010.58 | 1008.74 | 135.08 | 46.44 | -116.52 | 148.55 | 8.16 | 20.52 | P |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1109.80 | 1107.00 | 139.15 | 59.54 | -115.67 | 160.87 | 8.95 | 20.03 | P |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1208.82 | 1205.08 | 143.21 | 72.62 | -115.92 | 174.71 | 9.75 | 19.77 | P |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1282.53 | 1278.08 | 146.23 | 82.35 | -116.68 | 186.05 | 10.39 | 19.64 | P |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1307.54 | 1302.85 | 147.26 | 85.65 | -117.07 | 190.06 | 10.58 | 19.67 | P |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1406.15 | 1400.51 | 151.30 | 98.67 | -118.46 | 205.96 | 11.38 | 19.67 | P |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1504.77 | 1498.18 | 155.35 | 111.70 | -119.65 | 221.96 | 12.15 | 19.75 | P |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1603.38 | 1595.85 | 159.39 | 124.72 | -120.68 | 238.04 | 12.97 | 19.75 | P |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1702.00 | 1693.51 | 163.44 | 137.74 | -121.58 | 254.18 | 13.79 | 19.74 | P |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1800.61 | 1791.18 | 167.48 | 150.76 | -122.37 | 270.38 | 14.05 | 20.21 | P |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1899.22 | 1888.85 | 171.53 | 163.79 | -123.08 | 286.63 | 14.26 | 21.10 | P |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1997.84 | 1986.51 | 175.57 | 176.81 | -123.71 | 302.91 | 14.50 | 21.90 | P |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2096.45 | 2084.18 | 179.62 | 189.83 | -124.27 | 319.22 | 14.83 | 22.55 | P |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2195.07 | 2181.85 | 183.66 | 202.85 | -124.78 | 335.57 | 15.24 | 23.05 | P |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2293.68 | 2279.51 | 187.71 | 215.87 | -125.24 | 351.93 | 15.71 | 23.41 | P |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2392.29 | 2377.18 | 191.75 | 228.90 | -125.66 | 368.31 | 16.25 | 23.65 | P |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2490.91 | 2474.85 | 195.80 | 241.92 | -126.04 | 384.72 | 16.85 | 23.79 | P |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2589.52 | 2572.51 | 199.84 | 254.94 | -126.40 | 401.13 | 17.50 | 23.84 | P |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2688.14 | 2670.18 | 203.89 | 267.96 | -126.72 | 417.57 | 18.20 | 23.83 | P |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#18 GREELEY-ROTH FEDERAL 33N-2C-L (1063'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 33N-2C-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2786.75 | 2767.85 | 207.93 | 280.99 | -127.02 | 434.01 | 18.94 | 23.77 | P/ | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2885.37 | 2865.51 | 211.97 | 294.01 | -127.30 | 450.46 | 19.71 | 23.67 | P/ | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2983.98 | 2963.18 | 216.02 | 307.03 | -127.56 | 466.93 | 20.52 | 23.54 | P/ | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3082.59 | 3060.85 | 220.06 | 320.05 | -127.80 | 483.40 | 21.35 | 23.38 | P/ | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3181.21 | 3158.52 | 224.11 | 333.08 | -128.03 | 499.88 | 22.21 | 23.22 | P/ | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3279.82 | 3256.18 | 228.15 | 346.10 | -128.24 | 516.37 | 23.09 | 23.04 | P/ | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3378.44 | 3353.85 | 232.20 | 359.12 | -128.44 | 532.86 | 23.99 | 22.85 | P/ | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3477.05 | 3451.52 | 236.24 | 372.14 | -128.62 | 549.36 | 24.91 | 22.67 | P/ | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3575.66 | 3549.18 | 240.29 | 385.16 | -128.80 | 565.87 | 25.85 | 22.48 | P/ | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3674.28 | 3646.85 | 244.33 | 398.19 | -128.96 | 582.38 | 26.80 | 22.29 | P/ | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3772.89 | 3744.52 | 248.38 | 411.21 | -129.12 | 598.89 | 27.76 | 22.11 | P/ | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3871.51 | 3842.18 | 252.42 | 424.23 | -129.27 | 615.41 | 28.74 | 21.93 | P/ | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3970.12 | 3939.85 | 256.47 | 437.25 | -129.41 | 631.94 | 29.72 | 21.76 | P/ | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4068.73 | 4037.52 | 260.51 | 450.28 | -129.54 | 648.46 | 30.71 | 21.59 | P/ | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4167.35 | 4135.18 | 264.56 | 463.30 | -129.67 | 664.99 | 31.71 | 21.42 | P/ | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4265.96 | 4232.85 | 268.60 | 476.32 | -129.79 | 681.52 | 32.72 | 21.27 | P/ | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4364.58 | 4330.52 | 272.65 | 489.34 | -129.90 | 698.06 | 33.74 | 21.11 | P/ | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4463.19 | 4428.18 | 276.69 | 502.37 | -130.01 | 714.59 | 34.76 | 20.96 | P/ | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4561.81 | 4525.85 | 280.73 | 515.39 | -130.12 | 731.13 | 35.79 | 20.82 | P/ | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4660.42 | 4623.52 | 284.78 | 528.41 | -130.22 | 747.68 | 36.82 | 20.68 | P/ | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4759.03 | 4721.18 | 288.82 | 541.43 | -130.31 | 764.22 | 37.86 | 20.55 | P/ | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4857.65 | 4818.85 | 292.87 | 554.45 | -130.40 | 780.77 | 38.91 | 20.42 | P/ | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4956.26 | 4916.52 | 296.91 | 567.48 | -130.49 | 797.32 | 39.95 | 20.30 | P/ | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5054.88 | 5014.18 | 300.96 | 580.50 | -130.57 | 813.87 | 41.00 | 20.18 | P/ | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5153.49 | 5111.85 | 305.00 | 593.52 | -130.66 | 830.42 | 42.06 | 20.06 | P/ | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5252.10 | 5209.52 | 309.05 | 606.54 | -130.73 | 846.97 | 43.12 | 19.95 | P/ | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5350.72 | 5307.18 | 313.09 | 619.57 | -130.81 | 863.53 | 44.18 | 19.85 | P/ | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5449.33 | 5404.85 | 317.14 | 632.59 | -130.88 | 880.08 | 45.24 | 19.75 | P/ | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5547.95 | 5502.52 | 321.18 | 645.61 | -130.95 | 896.64 | 46.31 | 19.65 | P/ | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5646.56 | 5600.18 | 325.23 | 658.63 | -131.01 | 913.20 | 47.38 | 19.55 | P/ | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 99 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#18 GREELEY-ROTH FEDERAL 33N-2C-L (1063'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 33N-2C-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 5745.17 | 5697.85 | 329.27 | 671.66 | -131.08 | 929.76 | 48.45 | 19.46 | P/ | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 5843.79 | 5795.52 | 333.32 | 684.68 | -131.14 | 946.32 | 49.52 | 19.37 | P/ | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 5942.40 | 5893.19 | 337.36 | 697.70 | -131.20 | 962.88 | 50.60 | 19.29 | P/ | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6041.02 | 5990.85 | 341.41 | 710.72 | -131.26 | 979.44 | 51.67 | 19.20 | P/ | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6139.63 | 6088.52 | 345.45 | 723.74 | -131.32 | 996.00 | 52.75 | 19.12 | P/ | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 21.00 | 1741.06 | 73.29 | -0.85 | 87.06 | 43.49 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 21.00 | 1741.06 | 73.29 | -0.85 | 87.06 | 43.49 |
| 8.5in Open Hole | 1750.00 | 17278.45 | 15528.45 | 1741.06 | 7029.00 | 87.06 | 43.49 | 214.68 | -2950.37 |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|-----------------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 33N-2C-L PWB |
| 1750.00 | 17278.45 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 33N-2C-L PWB |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 33N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 33N-2C-L PWP (REV-A.0) | |
|---|---|
| MD Reference: PRECISION 462 (20') (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 101 of 173



REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: **EX. AUFRECHT 2 AWB** Offset Wellpath: **EX. AUFRECHT 2 AWP**

| Facility: SEC.02-T05N-R67W Slot: SLOT#01 EX. AUFRECHT 2 (1374'FSL & 1370'FEL, CODL/AB) Well: EX. AUFRECHT 2 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 72.00 | 20.00 | 260.21 | -6298.42 | -87.63 | 6303.80 | 50.32 | 127.71 | PASS | | | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: **EX. AUFRECHT 2 AWB** Offset Wellpath: **EX. AUFRECHT 2 AWP**

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: **EX. AUFRECHT 2 AWB** Offset Wellpath: **EX. AUFRECHT 2 AWP**

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------|
| 0.00 | 7840.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7840> | EX. AUFRECHT 2 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: **EX. AUFRECHT 2 AWB** Offset Wellpath: **EX. AUFRECHT 2 AWP**

| | |
|---|---|
| MD Reference: Rig on SLOT#01 EX. AUFRECHT 2 (1374'FSL & 1370'FEL, CODL/AB) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 12C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#17 GREELEY-ROTH FEDERAL 12C-2-L (1083'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 12C-2-L Threshold Value=1.00 † = Interpolated/extrapolated stat | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|--------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Statu | |
| 20.00 | 20.00 | 0.00 | 0.00 | 19.00 | 20.00 | 140.26 | -1.70 | -0.70 | 140.27 | 1.26 | 464.36 | PAS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 119.00 | 120.00 | 140.26 | -1.70 | -0.70 | 140.27 | 1.88 | 151.45 | PAS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 219.00 | 220.00 | 140.26 | -1.70 | -0.70 | 140.27 | 2.45 | 93.63 | PAS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 319.00 | 320.00 | 140.26 | -1.70 | -0.70 | 140.27 | 3.05 | 66.62 | PAS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 418.51 | 419.51 | 140.29 | -1.65 | -0.67 | 140.30 | 3.66 | 51.58 | PAS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 515.87 | 516.84 | 141.55 | 0.26 | 0.10 | 141.59 | 4.35 | 41.56 | PAS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 612.97 | 613.77 | 144.61 | 4.91 | 1.94 | 144.83 | 5.20 | 33.97 | PAS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 709.57 | 709.97 | 149.45 | 12.25 | 4.69 | 150.29 | 6.06 | 29.30 | PAS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 738.43 | 738.64 | 151.25 | 14.97 | 5.65 | 152.41 | 6.32 | 28.25 | PAS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 805.50 | 805.15 | 156.02 | 22.22 | -123.44 | 158.77 | 6.95 | 26.35 | PAS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 902.66 | 901.16 | 164.21 | 34.65 | -120.60 | 171.40 | 7.79 | 24.97 | PAS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1001.44 | 998.71 | 172.74 | 47.60 | -118.90 | 186.28 | 8.57 | 24.37 | PAS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1100.04 | 1096.09 | 181.26 | 60.52 | -118.25 | 202.89 | 9.33 | 24.13 | PAS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1198.34 | 1193.17 | 189.74 | 73.40 | -118.45 | 221.13 | 10.12 | 24.04 | PAS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1271.44 | 1265.37 | 196.06 | 82.98 | -119.01 | 235.85 | 10.81 | 23.85 | PAS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1296.23 | 1289.85 | 198.20 | 86.23 | -119.34 | 241.01 | 10.93 | 24.09 | PAS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1393.99 | 1386.40 | 206.64 | 99.04 | -120.50 | 261.46 | 11.67 | 24.33 | PAS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1491.75 | 1482.95 | 215.08 | 111.85 | -121.50 | 281.99 | 12.40 | 24.58 | PAS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1589.51 | 1579.50 | 223.52 | 124.66 | -122.36 | 302.59 | 13.18 | 24.69 | PAS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1687.27 | 1676.05 | 231.96 | 137.47 | -123.11 | 323.25 | 13.98 | 24.77 | PAS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1785.03 | 1772.59 | 240.40 | 150.28 | -123.77 | 343.96 | 14.26 | 25.32 | PAS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1882.79 | 1869.14 | 248.84 | 163.09 | -124.36 | 364.71 | 14.50 | 26.40 | PAS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1980.55 | 1965.69 | 257.28 | 175.90 | -124.88 | 385.49 | 14.73 | 27.43 | PAS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2078.31 | 2062.24 | 265.72 | 188.71 | -125.35 | 406.29 | 15.05 | 28.28 | PAS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2176.07 | 2158.79 | 274.16 | 201.52 | -125.78 | 427.13 | 15.44 | 28.94 | PAS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2273.83 | 2255.34 | 282.61 | 214.33 | -126.16 | 447.98 | 15.91 | 29.43 | PAS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2371.59 | 2351.89 | 291.05 | 227.15 | -126.51 | 468.84 | 16.43 | 29.77 | PAS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2469.35 | 2448.43 | 299.49 | 239.96 | -126.83 | 489.73 | 17.01 | 29.99 | PAS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2567.11 | 2544.98 | 307.93 | 252.77 | -127.13 | 510.63 | 17.65 | 30.10 | PAS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2664.87 | 2641.53 | 316.37 | 265.58 | -127.40 | 531.53 | 18.33 | 30.12 | PAS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 12C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#17 GREELEY-ROTH FEDERAL 12C-2-L (1083'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 12C-2-L Threshold Value=1.00 † = Interpolated/extrapolated stat | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|--------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Statu | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2762.63 | 2738.08 | 324.81 | 278.39 | -127.65 | 552.45 | 19.06 | 30.07 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2860.39 | 2834.63 | 333.25 | 291.20 | -127.88 | 573.38 | 19.82 | 29.97 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2958.15 | 2931.18 | 341.69 | 304.01 | -128.10 | 594.32 | 20.61 | 29.83 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3055.91 | 3027.73 | 350.13 | 316.82 | -128.30 | 615.27 | 21.43 | 29.66 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3153.67 | 3124.27 | 358.57 | 329.63 | -128.48 | 636.22 | 22.28 | 29.47 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3251.43 | 3220.82 | 367.02 | 342.44 | -128.66 | 657.17 | 23.15 | 29.26 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3349.19 | 3317.37 | 375.46 | 355.25 | -128.82 | 678.14 | 24.04 | 29.04 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3446.95 | 3413.92 | 383.90 | 368.07 | -128.98 | 699.11 | 24.95 | 28.81 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3544.71 | 3510.47 | 392.34 | 380.88 | -129.13 | 720.08 | 25.87 | 28.59 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3642.47 | 3607.02 | 400.78 | 393.69 | -129.26 | 741.06 | 26.81 | 28.36 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3740.23 | 3703.57 | 409.22 | 406.50 | -129.40 | 762.04 | 27.76 | 28.14 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3837.99 | 3800.11 | 417.66 | 419.31 | -129.52 | 783.02 | 28.73 | 27.92 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3935.75 | 3896.66 | 426.10 | 432.12 | -129.64 | 804.01 | 29.70 | 27.71 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4033.51 | 3993.21 | 434.54 | 444.93 | -129.75 | 825.00 | 30.69 | 27.50 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4131.27 | 4089.76 | 442.98 | 457.74 | -129.85 | 846.00 | 31.68 | 27.29 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4229.03 | 4186.31 | 451.43 | 470.55 | -129.95 | 866.99 | 32.68 | 27.09 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4326.79 | 4282.86 | 459.87 | 483.36 | -130.05 | 887.99 | 33.69 | 26.90 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4424.55 | 4379.41 | 468.31 | 496.17 | -130.14 | 908.99 | 34.71 | 26.72 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4522.31 | 4475.95 | 476.75 | 508.98 | -130.23 | 930.00 | 35.73 | 26.54 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4620.07 | 4572.50 | 485.19 | 521.80 | -130.31 | 951.00 | 36.76 | 26.36 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4717.83 | 4669.05 | 493.63 | 534.61 | -130.39 | 972.01 | 37.79 | 26.20 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4815.59 | 4765.60 | 502.07 | 547.42 | -130.47 | 993.02 | 38.82 | 26.03 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 12C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12C-2-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 12C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12C-2-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 21.00 | 1738.00 | 85.50 | -1.04 | 115.10 | 43.89 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 21.00 | 1738.00 | 85.50 | -1.04 | 115.10 | 43.89 |
| 8.5in Open Hole | 1750.00 | 17366.21 | 15616.21 | 1738.00 | N/A | 115.10 | 43.89 | N/A | N/A |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 12C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12C-2-L PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|---|------------------|----------------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 12C-2-L PWB |
| 1750.00 | 17366.21 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 12C-2-L PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 12C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12C-2-L PWP (REV-A.0)

| | |
|---|---|
| MD Reference: PRECISION 462 (20') (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWB

| Facility: SEC.11-T05N-R67W Slot: SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) Well: EX. SKYWAY 3-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 59.00 | 20.00 | -1529.00 | -9497.04 | -99.15 | 9619.33 | 50.18 | 195.43 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 159.00 | 120.00 | -1529.00 | -9497.04 | -99.15 | 9619.33 | 50.21 | 195.30 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 259.00 | 220.00 | -1529.00 | -9497.04 | -99.15 | 9619.33 | 50.25 | 195.16 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 359.00 | 320.00 | -1529.00 | -9497.04 | -99.15 | 9619.33 | 50.29 | 195.01 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 3619.43 | 3497.22 | -1596.84 | -8961.66 | -100.10 | 9608.88 | 55.40 | 176.49 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 3713.70 | 3586.08 | -1600.80 | -8930.44 | -100.16 | 9576.86 | 55.83 | 174.54 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 3807.96 | 3674.94 | -1604.75 | -8899.22 | -100.22 | 9544.84 | 56.26 | 172.59 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 3902.22 | 3763.79 | -1608.71 | -8868.01 | -100.28 | 9512.84 | 56.71 | 170.63 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 3930.50 | 3790.45 | -1609.90 | -8858.64 | -100.30 | 9503.24 | 56.85 | 170.04 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 3996.72 | 3852.87 | -1612.67 | -8836.71 | -128.62 | 9481.35 | 57.17 | 168.67 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 4092.05 | 3942.73 | -1616.68 | -8805.14 | -129.06 | 9451.86 | 57.66 | 166.71 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 4188.15 | 4033.32 | -1620.71 | -8773.32 | -129.48 | 9424.47 | 58.17 | 164.73 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 4284.90 | 4124.52 | -1624.77 | -8741.28 | -129.87 | 9399.22 | 58.69 | 162.80 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 4382.18 | 4216.22 | -1628.85 | -8709.06 | -130.25 | 9376.15 | 59.23 | 160.89 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 4455.07 | 4284.93 | -1631.91 | -8684.93 | -130.51 | 9360.36 | 59.64 | 159.50 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 4479.87 | 4308.30 | -1632.95 | -8676.72 | -130.52 | 9355.20 | 59.78 | 159.05 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 4577.65 | 4400.48 | -1637.05 | -8644.33 | -130.55 | 9334.88 | 60.32 | 157.25 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 4675.44 | 4492.66 | -1641.16 | -8611.95 | -130.58 | 9314.55 | 60.88 | 155.45 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 4773.22 | 4584.83 | -1645.26 | -8579.57 | -130.62 | 9294.23 | 61.44 | 153.66 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 4871.01 | 4677.01 | -1649.36 | -8547.19 | -130.65 | 9273.91 | 62.02 | 151.87 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 4968.79 | 4769.18 | -1653.47 | -8514.80 | -130.68 | 9253.60 | 62.31 | 150.20 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 5066.57 | 4861.36 | -1657.57 | -8482.42 | -130.71 | 9233.29 | 62.85 | 148.57 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 5164.36 | 4953.54 | -1661.67 | -8450.04 | -130.74 | 9212.98 | 63.40 | 146.94 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 5262.14 | 5045.71 | -1665.78 | -8417.66 | -130.78 | 9192.67 | 63.97 | 145.30 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 5359.93 | 5137.88 | -1669.88 | -8385.28 | -130.81 | 9172.37 | 64.56 | 143.64 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 5425.16 | 5199.38 | -1672.62 | -8363.70 | -130.83 | 9152.15 | 65.03 | 142.27 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 5454.86 | 5227.45 | -1673.83 | -8354.08 | -130.84 | 9132.56 | 65.37 | 141.22 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 5484.63 | 5255.67 | -1675.03 | -8344.64 | -130.85 | 9113.71 | 65.72 | 140.17 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 5514.49 | 5284.04 | -1676.20 | -8335.41 | -130.86 | 9095.60 | 66.08 | 139.12 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 5544.42 | 5312.55 | -1677.35 | -8326.37 | -130.87 | 9078.23 | 66.45 | 138.08 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWB

| Facility: SEC.11-T05N-R67W Slot: SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) Well: EX. SKYWAY 3-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 5574.41 | 5341.19 | -1678.47 | -8317.53 | 130.89 | 9061.61 | 66.82 | 137.05 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 5604.48 | 5369.97 | -1679.56 | -8308.90 | 130.90 | 9045.73 | 67.21 | 136.01 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 5634.61 | 5398.87 | -1680.63 | -8300.48 | 130.91 | 9030.61 | 67.60 | 134.99 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 5664.78 | 5427.90 | -1681.67 | -8292.26 | 130.92 | 9016.24 | 68.00 | 133.97 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 5695.03 | 5457.05 | -1682.68 | -8284.26 | 130.94 | 9002.62 | 68.41 | 132.96 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 5725.33 | 5486.31 | -1683.67 | -8276.48 | 130.95 | 8989.77 | 68.83 | 131.96 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 5755.67 | 5515.68 | -1684.63 | -8268.91 | 130.97 | 8977.67 | 69.25 | 130.97 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 5786.06 | 5545.15 | -1685.56 | -8261.56 | 130.98 | 8966.34 | 69.68 | 129.98 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 5816.49 | 5574.72 | -1686.46 | -8254.44 | 131.00 | 8955.78 | 70.12 | 129.01 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 5846.95 | 5604.38 | -1687.33 | -8247.55 | 131.01 | 8945.98 | 70.56 | 128.06 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 5877.45 | 5634.13 | -1688.18 | -8240.88 | 131.03 | 8936.96 | 71.01 | 127.11 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 5907.98 | 5663.96 | -1689.00 | -8234.44 | 131.05 | 8928.70 | 71.46 | 126.18 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 5938.53 | 5693.86 | -1689.78 | -8228.23 | 131.07 | 8921.22 | 71.92 | 125.27 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 5969.11 | 5723.84 | -1690.54 | -8222.26 | 131.09 | 8914.51 | 72.38 | 124.36 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 5999.70 | 5753.88 | -1691.27 | -8216.52 | 131.10 | 8908.58 | 72.85 | 123.48 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 6030.31 | 5783.98 | -1691.96 | -8211.02 | 131.12 | 8903.43 | 73.32 | 122.61 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 6060.92 | 5814.14 | -1692.63 | -8205.75 | 131.14 | 8899.05 | 73.79 | 121.75 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 6091.55 | 5844.34 | -1693.27 | -8200.73 | 131.16 | 8895.46 | 74.27 | 120.91 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 6122.17 | 5874.58 | -1693.87 | -8195.94 | 131.18 | 8892.65 | 74.75 | 120.09 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 6152.80 | 5904.86 | -1694.45 | -8191.40 | 131.20 | 8890.61 | 75.23 | 119.29 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 6183.41 | 5935.17 | -1694.99 | -8187.10 | 131.22 | 8889.36 | 75.72 | 118.50 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 6214.02 | 5965.50 | -1695.51 | -8183.04 | 131.25 | 8888.90 | 76.21 | 117.73 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 6244.62 | 5995.85 | -1695.99 | -8179.22 | 131.27 | 8889.21 | 76.69 | 116.98 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 6275.19 | 6026.21 | -1696.45 | -8175.65 | 131.29 | 8890.31 | 77.18 | 116.25 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 6305.75 | 6056.58 | -1696.87 | -8172.32 | 131.31 | 8892.19 | 77.67 | 115.53 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 6336.28 | 6086.95 | -1697.26 | -8169.23 | 131.33 | 8894.85 | 78.16 | 114.83 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 6366.78 | 6117.32 | -1697.62 | -8166.38 | 131.36 | 8898.30 | 78.65 | 114.15 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 6397.25 | 6147.68 | -1697.95 | -8163.78 | 131.38 | 8902.53 | 79.15 | 113.49 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 6427.68 | 6178.01 | -1698.25 | -8161.43 | 131.41 | 8907.54 | 79.64 | 112.85 | PASS | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 6458.07 | 6208.33 | -1698.52 | -8159.31 | 131.43 | 8913.33 | 80.13 | 112.22 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) Well: EX. SKYWAY 3-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 6488.41 | 6238.62 | -1698.75 | -8157.44 | 131.46 | 8919.90 | 80.62 | 111.62 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 6518.71 | 6268.87 | -1698.96 | -8155.81 | 131.48 | 8927.25 | 81.11 | 111.03 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 6548.96 | 6299.08 | -1699.14 | -8154.42 | 131.51 | 8935.38 | 81.60 | 110.46 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6579.15 | 6329.25 | -1699.28 | -8153.27 | 131.53 | 8944.29 | 82.08 | 109.91 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6609.28 | 6359.37 | -1699.40 | -8152.35 | 131.56 | 8953.97 | 82.57 | 109.37 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6639.35 | 6389.43 | -1699.48 | -8151.67 | 131.58 | 8964.43 | 83.06 | 108.85 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6669.35 | 6419.43 | -1699.54 | -8151.23 | 131.61 | 8975.66 | 83.54 | 108.35 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6699.28 | 6449.36 | -1699.57 | -8151.03 | 131.64 | 8987.66 | 84.02 | 107.87 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6699.93 | 6450.01 | -1699.57 | -8151.02 | 131.64 | 8987.93 | 84.03 | 107.86 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6771.37 | 6521.44 | -1699.57 | -8151.01 | 78.58 | 8992.84 | 84.76 | 106.98 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6870.04 | 6620.12 | -1699.57 | -8151.01 | 31.39 | 8982.51 | 85.96 | 105.36 | PASS | |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6966.09 | 6716.17 | -1699.57 | -8151.01 | 15.74 | 8956.85 | 87.40 | 103.31 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 7057.15 | 6807.23 | -1699.57 | -8151.01 | 8.98 | 8916.50 | 88.64 | 101.40 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 7140.98 | 6891.06 | -1699.57 | -8151.01 | 5.03 | 8862.44 | 89.68 | 99.60 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7215.52 | 6965.59 | -1699.57 | -8151.01 | 2.03 | 8796.00 | 90.53 | 97.92 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7278.92 | 7029.00 | -1699.57 | -8151.01 | -0.91 | 8718.80 | 91.19 | 96.35 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7329.63 | 7079.71 | -1699.57 | -8151.01 | -4.74 | 8632.76 | 91.66 | 94.91 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7366.41 | 7116.48 | -1699.57 | -8151.01 | -11.54 | 8539.98 | 91.97 | 93.57 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7388.33 | 7138.41 | -1699.57 | -8151.01 | -29.90 | 8442.77 | 92.14 | 92.33 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7394.92 | 7145.00 | -1699.57 | -8151.01 | -88.91 | 8352.65 | 92.21 | 91.27 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7394.94 | 7145.02 | -1699.57 | -8151.01 | -88.91 | 8343.51 | 92.22 | 91.17 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7395.14 | 7145.21 | -1699.57 | -8151.01 | -88.92 | 8244.03 | 92.26 | 90.04 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7395.33 | 7145.41 | -1699.57 | -8151.01 | -88.93 | 8144.57 | 92.31 | 88.90 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7395.52 | 7145.60 | -1699.57 | -8151.01 | -88.95 | 8045.11 | 92.37 | 87.76 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7395.72 | 7145.80 | -1699.57 | -8151.01 | -88.96 | 7945.67 | 92.44 | 86.61 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7395.91 | 7145.99 | -1699.57 | -8151.01 | -88.97 | 7846.25 | 92.52 | 85.45 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7396.11 | 7146.18 | -1699.57 | -8151.01 | -88.99 | 7746.84 | 92.61 | 84.29 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7396.30 | 7146.38 | -1699.57 | -8151.01 | -89.00 | 7647.44 | 92.71 | 83.11 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7396.50 | 7146.57 | -1699.57 | -8151.01 | -89.01 | 7548.06 | 92.83 | 81.93 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7396.69 | 7146.77 | -1699.57 | -8151.01 | -89.03 | 7448.70 | 92.95 | 80.74 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWB

| Facility: SEC.11-T05N-R67W Slot: SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) Well: EX. SKYWAY 3-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7396.88 | 7146.96 | -1699.57 | -8151.01 | -89.04 | 7349.35 | 93.05 | 79.55 | PASS | |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7397.08 | 7147.16 | -1699.57 | -8151.01 | -89.05 | 7250.02 | 93.24 | 78.34 | PASS | |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7397.27 | 7147.35 | -1699.57 | -8151.01 | -89.06 | 7150.71 | 93.41 | 77.13 | PASS | |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7397.47 | 7147.54 | -1699.57 | -8151.01 | -89.08 | 7051.42 | 93.59 | 75.91 | PASS | |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7397.66 | 7147.74 | -1699.57 | -8151.01 | -89.09 | 6952.15 | 93.79 | 74.68 | PASS | |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7397.86 | 7147.93 | -1699.57 | -8151.01 | -89.10 | 6852.91 | 94.01 | 73.44 | PASS | |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7398.05 | 7148.13 | -1699.57 | -8151.01 | -89.12 | 6753.68 | 94.24 | 72.20 | PASS | |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7398.24 | 7148.32 | -1699.57 | -8151.01 | -89.13 | 6654.48 | 94.50 | 70.94 | PASS | |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7398.44 | 7148.52 | -1699.57 | -8151.01 | -89.14 | 6555.30 | 94.77 | 69.68 | PASS | |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7398.63 | 7148.71 | -1699.57 | -8151.01 | -89.16 | 6456.14 | 95.07 | 68.41 | PASS | |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7398.83 | 7148.90 | -1699.57 | -8151.01 | -89.17 | 6357.02 | 95.39 | 67.13 | PASS | |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7399.02 | 7149.10 | -1699.57 | -8151.01 | -89.18 | 6257.92 | 95.73 | 65.85 | PASS | |
| 9820.00† | 7149.29 | -803.67 | -2057.67 | 7399.22 | 7149.29 | -1699.57 | -8151.01 | -89.20 | 6158.85 | 96.11 | 64.55 | PASS | |
| 9920.00† | 7149.49 | -804.51 | -2157.67 | 7399.41 | 7149.49 | -1699.57 | -8151.01 | -89.21 | 6059.81 | 96.50 | 63.25 | PASS | |
| 10020.00† | 7149.68 | -805.35 | -2257.66 | 7399.60 | 7149.68 | -1699.57 | -8151.01 | -89.22 | 5960.80 | 96.93 | 61.94 | PASS | |
| 10120.00† | 7149.88 | -806.19 | -2357.66 | 7399.80 | 7149.88 | -1699.57 | -8151.01 | -89.24 | 5861.83 | 97.39 | 60.62 | PASS | |
| 10220.00† | 7150.07 | -807.04 | -2457.65 | 7399.99 | 7150.07 | -1699.57 | -8151.01 | -89.25 | 5762.89 | 97.88 | 59.30 | PASS | |
| 10320.00† | 7150.26 | -807.88 | -2557.65 | 7400.19 | 7150.26 | -1699.57 | -8151.01 | -89.26 | 5663.99 | 98.41 | 57.96 | PASS | |
| 10420.00† | 7150.46 | -808.72 | -2657.65 | 7400.38 | 7150.46 | -1699.57 | -8151.01 | -89.28 | 5565.13 | 98.98 | 56.63 | PASS | |
| 10520.00† | 7150.65 | -809.56 | -2757.64 | 7400.58 | 7150.65 | -1699.57 | -8151.01 | -89.29 | 5466.31 | 99.58 | 55.28 | PASS | |
| 10620.00† | 7150.85 | -810.40 | -2857.64 | 7400.77 | 7150.85 | -1699.57 | -8151.01 | -89.30 | 5367.53 | 100.23 | 53.93 | PASS | |
| 10720.00† | 7151.04 | -811.24 | -2957.64 | 7400.96 | 7151.04 | -1699.57 | -8151.01 | -89.31 | 5268.80 | 100.92 | 52.57 | PASS | |
| 10820.00† | 7151.24 | -812.08 | -3057.63 | 7401.16 | 7151.24 | -1699.57 | -8151.01 | -89.33 | 5170.12 | 101.66 | 51.21 | PASS | |
| 10920.00† | 7151.43 | -812.92 | -3157.63 | 7401.35 | 7151.43 | -1699.57 | -8151.01 | -89.34 | 5071.49 | 102.45 | 49.84 | PASS | |
| 11020.00† | 7151.62 | -813.76 | -3257.62 | 7401.55 | 7151.62 | -1699.57 | -8151.01 | -89.35 | 4972.91 | 103.29 | 48.47 | PASS | |
| 11120.00† | 7151.82 | -814.60 | -3357.62 | 7401.74 | 7151.82 | -1699.57 | -8151.01 | -89.37 | 4874.39 | 104.19 | 47.10 | PASS | |
| 11220.00† | 7152.01 | -815.44 | -3457.62 | 7401.94 | 7152.01 | -1699.57 | -8151.01 | -89.38 | 4775.94 | 105.15 | 45.72 | PASS | |
| 11320.00† | 7152.21 | -816.29 | -3557.61 | 7402.13 | 7152.21 | -1699.57 | -8151.01 | -89.39 | 4677.55 | 106.18 | 44.34 | PASS | |
| 11420.00† | 7152.40 | -817.13 | -3657.61 | 7402.32 | 7152.40 | -1699.57 | -8151.01 | -89.41 | 4579.23 | 107.27 | 42.97 | PASS | |
| 11520.00† | 7152.60 | -817.97 | -3757.61 | 7402.52 | 7152.60 | -1699.57 | -8151.01 | -89.42 | 4480.98 | 108.44 | 41.59 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWB

| Facility: SEC.11-T05N-R67W Slot: SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) Well: EX. SKYWAY 3-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 11620.00† | 7152.79 | -818.81 | -3857.60 | 7402.71 | 7152.79 | -1699.57 | -8151.01 | -89.43 | 4382.82 | 109.69 | 40.21 | PASS | |
| 11720.00† | 7152.98 | -819.65 | -3957.60 | 7402.91 | 7152.98 | -1699.57 | -8151.01 | -89.43 | 4284.73 | 111.02 | 38.84 | PASS | |
| 11820.00† | 7153.18 | -820.49 | -4057.59 | 7403.10 | 7153.18 | -1699.57 | -8151.01 | -89.46 | 4186.74 | 112.44 | 37.46 | PASS | |
| 11920.00† | 7153.37 | -821.33 | -4157.59 | 7403.30 | 7153.37 | -1699.57 | -8151.01 | -89.47 | 4088.85 | 113.96 | 36.10 | PASS | |
| 12020.00† | 7153.57 | -822.17 | -4257.59 | 7403.49 | 7153.57 | -1699.57 | -8151.01 | -89.49 | 3991.06 | 115.59 | 34.74 | PASS | |
| 12120.00† | 7153.76 | -823.01 | -4357.58 | 7403.69 | 7153.76 | -1699.57 | -8151.01 | -89.50 | 3893.38 | 117.32 | 33.38 | PASS | |
| 12220.00† | 7153.96 | -823.85 | -4457.58 | 7403.88 | 7153.96 | -1699.57 | -8151.01 | -89.51 | 3795.83 | 119.18 | 32.04 | PASS | |
| 12320.00† | 7154.15 | -824.69 | -4557.58 | 7404.07 | 7154.15 | -1699.57 | -8151.01 | -89.53 | 3698.40 | 121.16 | 30.70 | PASS | |
| 12420.00† | 7154.35 | -825.54 | -4657.57 | 7404.27 | 7154.35 | -1699.57 | -8151.01 | -89.54 | 3601.11 | 123.28 | 29.37 | PASS | |
| 12520.00† | 7154.54 | -826.38 | -4757.57 | 7404.46 | 7154.54 | -1699.57 | -8151.01 | -89.55 | 3503.98 | 125.55 | 28.06 | PASS | |
| 12620.00† | 7154.73 | -827.22 | -4857.56 | 7404.66 | 7154.73 | -1699.57 | -8151.01 | -89.57 | 3407.02 | 127.98 | 26.76 | PASS | |
| 12720.00† | 7154.93 | -828.06 | -4957.56 | 7404.85 | 7154.93 | -1699.57 | -8151.01 | -89.58 | 3310.23 | 130.59 | 25.48 | PASS | |
| 12820.00† | 7155.12 | -828.90 | -5057.56 | 7405.05 | 7155.12 | -1699.57 | -8151.01 | -89.59 | 3213.64 | 133.38 | 24.22 | PASS | |
| 12920.00† | 7155.32 | -829.74 | -5157.55 | 7405.24 | 7155.32 | -1699.57 | -8151.01 | -89.60 | 3117.27 | 136.38 | 22.97 | PASS | |
| 13020.00† | 7155.51 | -830.58 | -5257.55 | 7405.43 | 7155.51 | -1699.57 | -8151.01 | -89.62 | 3021.13 | 139.61 | 21.75 | PASS | |
| 13120.00† | 7155.71 | -831.42 | -5357.55 | 7405.63 | 7155.71 | -1699.57 | -8151.01 | -89.63 | 2925.25 | 143.07 | 20.54 | PASS | |
| 13220.00† | 7155.90 | -832.26 | -5457.54 | 7405.82 | 7155.90 | -1699.57 | -8151.01 | -89.64 | 2829.66 | 146.81 | 19.36 | PASS | |
| 13320.00† | 7156.09 | -833.10 | -5557.54 | 7406.02 | 7156.09 | -1699.57 | -8151.01 | -89.66 | 2734.38 | 150.83 | 18.21 | PASS | |
| 13420.00† | 7156.29 | -833.94 | -5657.54 | 7406.21 | 7156.29 | -1699.57 | -8151.01 | -89.67 | 2639.45 | 155.18 | 17.08 | PASS | |
| 13520.00† | 7156.48 | -834.78 | -5757.53 | 7406.41 | 7156.48 | -1699.57 | -8151.01 | -89.68 | 2544.91 | 159.88 | 15.98 | PASS | |
| 13620.00† | 7156.68 | -835.63 | -5857.53 | 7406.60 | 7156.68 | -1699.57 | -8151.01 | -89.70 | 2450.81 | 164.96 | 14.92 | PASS | |
| 13720.00† | 7156.87 | -836.47 | -5957.52 | 7406.79 | 7156.87 | -1699.57 | -8151.01 | -89.71 | 2357.18 | 170.47 | 13.88 | PASS | |
| 13820.00† | 7157.07 | -837.31 | -6057.52 | 7406.99 | 7157.07 | -1699.57 | -8151.01 | -89.72 | 2264.11 | 176.46 | 12.88 | PASS | |
| 13920.00† | 7157.26 | -838.15 | -6157.52 | 7407.18 | 7157.26 | -1699.57 | -8151.01 | -89.74 | 2171.65 | 182.97 | 11.91 | PASS | |
| 14020.00† | 7157.45 | -838.99 | -6257.51 | 7407.38 | 7157.45 | -1699.57 | -8151.01 | -89.75 | 2079.88 | 190.07 | 10.98 | PASS | |
| 14120.00† | 7157.65 | -839.83 | -6357.51 | 7407.57 | 7157.65 | -1699.57 | -8151.01 | -89.76 | 1988.92 | 197.81 | 10.09 | PASS | |
| 14220.00† | 7157.84 | -840.67 | -6457.51 | 7407.77 | 7157.84 | -1699.57 | -8151.01 | -89.78 | 1898.86 | 206.27 | 9.23 | PASS | |
| 14320.00† | 7158.04 | -841.51 | -6557.50 | 7407.96 | 7158.04 | -1699.57 | -8151.01 | -89.79 | 1809.84 | 215.54 | 8.42 | PASS | |
| 14420.00† | 7158.23 | -842.35 | -6657.50 | 7408.15 | 7158.23 | -1699.57 | -8151.01 | -89.80 | 1722.03 | 225.70 | 7.65 | PASS | |
| 14520.00† | 7158.43 | -843.19 | -6757.49 | 7408.35 | 7158.43 | -1699.57 | -8151.01 | -89.82 | 1635.62 | 236.85 | 6.92 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) Well: EX. SKYWAY 3-11 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 14620.00† | 7158.62 | -844.03 | -6857.49 | 7408.54 | 7158.62 | -1699.57 | -8151.01 | -89.83 | 1550.85 | 249.10 | 6.24 | PASS | |
| 14720.00† | 7158.81 | -844.88 | -6957.49 | 7408.74 | 7158.81 | -1699.57 | -8151.01 | -89.84 | 1467.99 | 262.55 | 5.60 | PASS | |
| 14820.00† | 7159.01 | -845.72 | -7057.48 | 7408.93 | 7159.01 | -1699.57 | -8151.01 | -89.86 | 1387.39 | 277.30 | 5.01 | PASS | |
| 14920.00† | 7159.20 | -846.56 | -7157.48 | 7409.13 | 7159.20 | -1699.57 | -8151.01 | -89.87 | 1309.48 | 293.43 | 4.47 | PASS | |
| 15020.00† | 7159.40 | -847.40 | -7257.48 | 7409.32 | 7159.40 | -1699.57 | -8151.01 | -89.88 | 1234.74 | 311.00 | 3.98 | PASS | |
| 15120.00† | 7159.59 | -848.24 | -7357.47 | 7409.51 | 7159.59 | -1699.57 | -8151.01 | -89.89 | 1163.81 | 329.97 | 3.53 | PASS | |
| 15220.00† | 7159.79 | -849.08 | -7457.47 | 7409.71 | 7159.79 | -1699.57 | -8151.01 | -89.91 | 1097.42 | 350.21 | 3.14 | PASS | |
| 15320.00† | 7159.98 | -849.92 | -7557.46 | 7409.90 | 7159.98 | -1699.57 | -8151.01 | -89.92 | 1036.43 | 371.42 | 2.79 | PASS | |
| 15420.00† | 7160.17 | -850.76 | -7657.46 | 7410.10 | 7160.17 | -1699.57 | -8151.01 | -89.93 | 981.87 | 393.05 | 2.50 | PASS | |
| 15520.00† | 7160.37 | -851.60 | -7757.46 | 7410.29 | 7160.37 | -1699.57 | -8151.01 | -89.95 | 934.84 | 414.28 | 2.26 | PASS | |
| 15620.00† | 7160.56 | -852.44 | -7857.45 | 7410.49 | 7160.56 | -1699.57 | -8151.01 | -89.96 | 896.55 | 433.96 | 2.07 | PASS | |
| 15720.00† | 7160.76 | -853.28 | -7957.45 | 7410.68 | 7160.76 | -1699.57 | -8151.01 | -89.97 | 868.14 | 450.74 | 1.93 | PASS | |
| 15820.00† | 7160.95 | -854.13 | -8057.45 | 7410.87 | 7160.95 | -1699.57 | -8151.01 | -89.99 | 850.60 | 463.25 | 1.84 | PASS | |
| 15920.00† | 7161.15 | -854.97 | -8157.44 | 7411.07 | 7161.15 | -1699.57 | -8151.01 | -90.00 | 844.63 | 470.37 | 1.80 | PASS | |
| 15953.76† | 7161.21 | -855.25 | -8191.20 | 7411.13 | 7161.21 | -1699.57 | -8151.01 | -90.00 | 845.27 | 471.45 | 1.79 | PASS | |
| 16020.00† | 7161.34 | -855.81 | -8257.44 | 7411.26 | 7161.34 | -1699.57 | -8151.01 | -90.01 | 850.45 | 471.59 | 1.80 | PASS | |
| 16120.00† | 7161.53 | -856.65 | -8357.43 | 7411.46 | 7161.53 | -1699.57 | -8151.01 | -90.03 | 867.83 | 467.11 | 1.86 | PASS | |
| 16220.00† | 7161.73 | -857.49 | -8457.43 | 7411.65 | 7161.73 | -1699.57 | -8151.01 | -90.04 | 896.10 | 457.76 | 1.96 | PASS | |
| 16320.00† | 7161.92 | -858.33 | -8557.43 | 7411.85 | 7161.92 | -1699.57 | -8151.01 | -90.05 | 934.27 | 444.76 | 2.10 | PASS | |
| 16420.00† | 7162.12 | -859.17 | -8657.42 | 7412.04 | 7162.12 | -1699.57 | -8151.01 | -90.07 | 981.18 | 429.39 | 2.29 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| WELLPATH COMPOSITION - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWP | | | |
|--|-------------|-------------------------------|--|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment |
| 12.00 | 8003.00 | ISCWSA MWD, Rev. 4 (Standard) | DIRECTIONAL SURVEYS PROVIDED BY SRC <500'-8003'> |
| | | | EX. SKYWAY 3-11 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SKYWAY 3-11 AWB Offset Wellpath: EX. SKYWAY 3-11 AWP | |
|---|---|
| MD Reference: Rig on SLOT#02 EX. SKYWAY 3-11 (489'FNL & 627'FWL, PR/NB-CD) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 12.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2A-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2A-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#16 GREELEY-ROTH FEDERAL 12N-2A-L (1103'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 12N-2A-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 20.00 | 20.00 | 0.00 | 0.00 | 19.00 | 20.00 | 159.99 | -1.93 | -0.69 | 160.01 | 1.26 | 530.14 | P | |
| 120.00† | 120.00 | 0.00 | 0.00 | 119.00 | 120.00 | 159.99 | -1.93 | -0.69 | 160.01 | 1.88 | 172.66 | P | |
| 220.00† | 220.00 | 0.00 | 0.00 | 219.00 | 220.00 | 159.99 | -1.93 | -0.69 | 160.01 | 2.45 | 106.72 | P | |
| 320.00† | 320.00 | 0.00 | 0.00 | 319.00 | 320.00 | 159.99 | -1.93 | -0.69 | 160.01 | 3.06 | 75.96 | P | |
| 420.00† | 420.00 | 0.00 | 0.00 | 416.50 | 417.49 | 160.52 | -1.37 | -0.49 | 160.54 | 3.69 | 58.56 | P | |
| 520.00† | 520.00 | 0.00 | 0.00 | 512.72 | 513.63 | 163.14 | 1.45 | 0.51 | 163.27 | 4.51 | 45.77 | P | |
| 620.00† | 620.00 | 0.00 | 0.00 | 608.58 | 609.23 | 167.92 | 6.62 | 2.26 | 168.40 | 5.43 | 37.46 | P | |
| 720.00† | 720.00 | 0.00 | 0.00 | 703.86 | 703.96 | 174.83 | 14.07 | 4.60 | 176.13 | 6.34 | 32.57 | P | |
| 750.00 | 750.00 | 0.00 | 0.00 | 732.30 | 732.17 | 177.31 | 16.75 | 5.40 | 178.99 | 6.61 | 31.51 | P | |
| 820.00† | 819.99 | -0.57 | 0.64 | 798.37 | 797.54 | 183.80 | 23.75 | -124.11 | 187.16 | 7.25 | 29.62 | P | |
| 920.00† | 919.90 | -3.33 | 3.78 | 891.95 | 889.72 | 194.74 | 35.55 | -121.81 | 202.86 | 8.17 | 28.02 | P | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 990.02 | 986.05 | 207.25 | 49.05 | -120.19 | 221.80 | 8.95 | 27.65 | P | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1087.84 | 1082.13 | 219.73 | 62.51 | -119.48 | 242.51 | 9.71 | 27.61 | P | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1185.28 | 1177.84 | 232.16 | 75.92 | -119.46 | 264.91 | 10.49 | 27.69 | P | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1257.69 | 1248.97 | 241.40 | 85.89 | -119.79 | 282.74 | 11.08 | 27.85 | P | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1282.24 | 1273.08 | 244.53 | 89.27 | -120.05 | 288.97 | 11.26 | 27.98 | P | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1379.05 | 1368.17 | 256.88 | 102.60 | -120.99 | 313.57 | 11.93 | 28.50 | P | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1475.86 | 1463.26 | 269.23 | 115.92 | -121.78 | 338.23 | 12.68 | 28.78 | P | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1572.67 | 1558.35 | 281.58 | 129.25 | -122.47 | 362.95 | 13.46 | 28.98 | P | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1669.48 | 1653.44 | 293.93 | 142.57 | -123.07 | 387.72 | 14.24 | 29.12 | P | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1766.29 | 1748.53 | 306.28 | 155.90 | -123.60 | 412.52 | 14.57 | 29.70 | P | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1863.10 | 1843.62 | 318.63 | 169.22 | -124.07 | 437.35 | 14.85 | 30.88 | P | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1959.91 | 1938.71 | 330.98 | 182.55 | -124.49 | 462.20 | 15.07 | 32.13 | P | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2056.72 | 2033.80 | 343.33 | 195.87 | -124.87 | 487.07 | 15.38 | 33.15 | P | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2153.53 | 2128.89 | 355.69 | 209.20 | -125.21 | 511.96 | 15.76 | 33.97 | P | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2250.34 | 2223.98 | 368.04 | 222.52 | -125.51 | 536.87 | 16.21 | 34.58 | P | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2347.15 | 2319.07 | 380.39 | 235.85 | -125.80 | 561.79 | 16.73 | 35.03 | P | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2443.96 | 2414.16 | 392.74 | 249.17 | -126.05 | 586.72 | 17.30 | 35.33 | P | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2540.77 | 2509.25 | 405.09 | 262.50 | -126.29 | 611.67 | 17.92 | 35.49 | P | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2637.58 | 2604.34 | 417.44 | 275.82 | -126.51 | 636.62 | 18.59 | 35.56 | P | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2A-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2A-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#16 GREELEY-ROTH FEDERAL 12N-2A-L (1103'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 12N-2A-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2734.39 | 2699.43 | 429.79 | 289.15 | -126.71 | 661.58 | 19.31 | 35.54 | P/ | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2831.20 | 2794.52 | 442.14 | 302.47 | -126.89 | 686.54 | 20.06 | 35.45 | P/ | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2928.01 | 2889.61 | 454.49 | 315.79 | -127.07 | 711.51 | 20.84 | 35.31 | P/ | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3024.82 | 2984.70 | 466.84 | 329.12 | -127.23 | 736.49 | 21.65 | 35.13 | P/ | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3121.63 | 3079.79 | 479.19 | 342.44 | -127.38 | 761.48 | 22.49 | 34.93 | P/ | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3218.44 | 3174.88 | 491.54 | 355.77 | -127.52 | 786.46 | 23.35 | 34.70 | P/ | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3315.25 | 3269.97 | 503.89 | 369.09 | -127.65 | 811.46 | 24.24 | 34.46 | P/ | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3412.06 | 3365.06 | 516.24 | 382.42 | -127.78 | 836.45 | 25.14 | 34.21 | P/ | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3508.87 | 3460.15 | 528.59 | 395.74 | -127.90 | 861.45 | 26.06 | 33.95 | P/ | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3605.68 | 3555.24 | 540.94 | 409.07 | -128.01 | 886.45 | 27.00 | 33.70 | P/ | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3702.49 | 3650.33 | 553.30 | 422.39 | -128.11 | 911.46 | 27.94 | 33.44 | P/ | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3799.30 | 3745.42 | 565.65 | 435.72 | -128.21 | 936.47 | 28.90 | 33.19 | P/ | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3896.11 | 3840.51 | 578.00 | 449.04 | -128.30 | 961.48 | 29.88 | 32.94 | P/ | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 3992.92 | 3935.60 | 590.35 | 462.37 | -128.39 | 986.49 | 30.86 | 32.70 | P/ | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2A-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2A-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2A-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2A-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 21.00 | 1732.53 | 97.53 | -1.18 | 141.49 | 46.24 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 21.00 | 1732.53 | 97.53 | -1.18 | 141.49 | 46.24 |
| 8.5in Open Hole | 1750.00 | 17059.49 | 15309.49 | 1732.53 | 6820.00 | 141.49 | 46.24 | 373.25 | -2924.00 |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2A-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2A-L PWP (REV-A.0) | | | | |
|---|-------------|---|------------------|-----------------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 12N-2A-L PWB |
| 1750.00 | 17059.49 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 12N-2A-L PWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2A-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2A-L PWP (REV-A.0) | |
|--|---|
| MD Reference: PRECISION 462 (20") (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
Page 115 of 173



| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2C-L PWP (REV-A.0) | | | | | | | | | | | | | |
|--|-----------------|--|------------------|-------------------|--------------------|-------------------------------------|---------------------|----------------------------|---------------------------|----------------------|--------------|-------------------------------|--|
| Facility: SEC.01-T05N-R67W | | Slot: SLOT#15 GREELEY-ROTH FEDERAL 12N-2C-L (1123'FSL & 294'FEL, SEC.01) | | | | Well: GREELEY-ROTH FEDERAL 12N-2C-L | | | | Threshold Value=1.00 | | † = interpolated/extrapolated | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 20.00 | 20.00 | 0.00 | 0.00 | 18.00 | 20.00 | 180.03 | -2.24 | -0.71 | 180.05 | 1.26 | 596.94 | P | |
| 120.00† | 120.00 | 0.00 | 0.00 | 118.00 | 120.00 | 180.03 | -2.24 | -0.71 | 180.05 | 1.88 | 194.62 | P | |
| 220.00† | 220.00 | 0.00 | 0.00 | 218.00 | 220.00 | 180.03 | -2.24 | -0.71 | 180.05 | 2.45 | 120.33 | P | |
| 320.00† | 320.00 | 0.00 | 0.00 | 317.23 | 319.23 | 180.07 | -2.21 | -0.70 | 180.08 | 3.05 | 85.86 | P | |
| 420.00† | 420.00 | 0.00 | 0.00 | 412.87 | 414.84 | 181.64 | -0.71 | -0.22 | 181.71 | 3.79 | 63.91 | P | |
| 520.00† | 520.00 | 0.00 | 0.00 | 508.27 | 510.08 | 185.50 | 2.99 | 0.92 | 185.79 | 4.78 | 48.47 | P | |
| 620.00† | 620.00 | 0.00 | 0.00 | 603.20 | 604.64 | 191.62 | 8.83 | 2.64 | 192.44 | 5.71 | 40.36 | P | |
| 720.00† | 720.00 | 0.00 | 0.00 | 697.47 | 698.20 | 199.93 | 16.78 | 4.80 | 201.82 | 6.61 | 35.57 | P | |
| 750.00 | 750.00 | 0.00 | 0.00 | 725.60 | 726.03 | 202.84 | 19.56 | 5.51 | 205.19 | 6.88 | 34.53 | P | |
| 820.00† | 819.99 | -0.57 | 0.64 | 790.89 | 790.49 | 210.36 | 26.75 | -124.18 | 214.57 | 7.51 | 32.64 | P | |
| 920.00† | 919.90 | -3.33 | 3.78 | 886.61 | 884.62 | 222.93 | 38.76 | -122.13 | 231.65 | 8.32 | 31.37 | P | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 984.66 | 980.98 | 236.02 | 51.27 | -120.88 | 250.95 | 9.06 | 30.86 | P | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1082.40 | 1077.04 | 249.07 | 63.75 | -120.37 | 272.04 | 9.85 | 30.51 | P | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1179.73 | 1172.70 | 262.06 | 76.17 | -120.45 | 294.85 | 10.60 | 30.50 | P | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1252.04 | 1243.76 | 271.71 | 85.40 | -120.81 | 313.03 | 11.18 | 30.55 | P | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1276.55 | 1267.85 | 274.99 | 88.53 | -121.08 | 319.38 | 11.38 | 30.57 | P | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1373.19 | 1362.83 | 287.89 | 100.86 | -122.04 | 344.49 | 12.01 | 31.09 | P | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1469.84 | 1457.82 | 300.79 | 113.19 | -122.86 | 369.67 | 12.75 | 31.28 | P | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1566.49 | 1552.81 | 313.69 | 125.53 | -123.58 | 394.91 | 13.51 | 31.41 | P | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1663.14 | 1647.79 | 326.60 | 137.86 | -124.22 | 420.20 | 14.28 | 31.48 | P | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1759.79 | 1742.78 | 339.50 | 150.20 | -124.78 | 445.54 | 14.61 | 31.99 | P | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1856.44 | 1837.77 | 352.40 | 162.53 | -125.28 | 470.91 | 14.89 | 33.15 | P | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1953.09 | 1932.75 | 365.31 | 174.87 | -125.73 | 496.32 | 15.12 | 34.40 | P | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2049.74 | 2027.74 | 378.21 | 187.20 | -126.14 | 521.75 | 15.42 | 35.42 | P | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2146.39 | 2122.73 | 391.11 | 199.53 | -126.51 | 547.20 | 15.79 | 36.23 | P | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2243.04 | 2217.71 | 404.02 | 211.87 | -126.84 | 572.67 | 16.24 | 36.83 | P | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2339.69 | 2312.70 | 416.92 | 224.20 | -127.15 | 598.16 | 16.74 | 37.26 | P | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2436.34 | 2407.69 | 429.82 | 236.54 | -127.43 | 623.66 | 17.31 | 37.53 | P | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2532.99 | 2502.67 | 442.73 | 248.87 | -127.70 | 649.18 | 17.92 | 37.67 | P | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2629.64 | 2597.66 | 455.63 | 261.21 | -127.94 | 674.71 | 18.59 | 37.70 | P | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2C-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#15 GREELEY-ROTH FEDERAL 12N-2C-L (1123'FSL & 294'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 12N-2C-L Threshold Value=1.00 † = interpolated/extrapolated s | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2726.29 | 2692.65 | 468.53 | 273.54 | -128.16 | 700.25 | 19.29 | 37.65 | P/ | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2822.94 | 2787.63 | 481.44 | 285.88 | -128.37 | 725.79 | 20.03 | 37.53 | P/ | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2919.58 | 2882.62 | 494.34 | 298.21 | -128.56 | 751.35 | 20.81 | 37.35 | P/ | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3016.23 | 2977.61 | 507.24 | 310.54 | -128.74 | 776.91 | 21.61 | 37.14 | P/ | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3112.88 | 3072.59 | 520.14 | 322.88 | -128.91 | 802.48 | 22.44 | 36.89 | P/ | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3209.53 | 3167.58 | 533.05 | 335.21 | -129.07 | 828.06 | 23.29 | 36.63 | P/ | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3306.18 | 3262.57 | 545.95 | 347.55 | -129.22 | 853.64 | 24.17 | 36.36 | P/ | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3402.83 | 3357.55 | 558.85 | 359.88 | -129.36 | 879.23 | 25.06 | 36.07 | P/ | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3499.48 | 3452.54 | 571.76 | 372.22 | -129.49 | 904.82 | 25.97 | 35.78 | P/ | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3596.13 | 3547.53 | 584.66 | 384.55 | -129.62 | 930.41 | 26.90 | 35.50 | P/ | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3692.78 | 3642.51 | 597.56 | 396.89 | -129.73 | 956.01 | 27.84 | 35.21 | P/ | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3789.43 | 3737.50 | 610.47 | 409.22 | -129.85 | 981.62 | 28.79 | 34.93 | P/ | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2C-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2C-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 22.00 | 1733.16 | 109.75 | -1.37 | 157.96 | 44.72 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 22.00 | 1733.16 | 109.75 | -1.37 | 157.96 | 44.72 |
| 8.5in Open Hole | 1750.00 | 17192.80 | 15442.80 | 1733.16 | 7031.00 | 157.96 | 44.72 | 456.42 | -2910.15 |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2C-L PWP (REV-A.0) | | | | |
|---|----------------|---|------------------|-----------------------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 12N-2C-L PWB |
| 1750.00 | 17192.80 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 12N-2C-L PWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 12N-2C-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 12N-2C-L PWP (REV-A.0) | |
|--|---|
| MD Reference: PRECISION 462 (20") (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. PHILLIPS 1 AWB Offset Wellpath: EX. PHILLIPS 1 AWP | | | | | | | | | | | | |
|--|--------------|----------------|---------------|---|-----------------|-------------------|------------------|-------------------------|---------------------|--|-----------|------------|
| Facility: SEC.10-T05N-R67W | | | | Slot: SLOT#02 EX. PHILLIPS 1 (650'FNL & 643'FEL, CODL/PR) | | | | Well: EX. PHILLIPS 1 | | Threshold Value=1.00 † = interpolated/extrapolated station | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 22.00 | 20.00 | -1710.61 | -10828.06 | -98.98 | 10962.35 | 50.21 | 222.57 | PASS |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. PHILLIPS 1 AWB Offset Wellpath: EX. PHILLIPS 1 AWP | | | | |
|--|--|------------|---------|----------|
| Slot Surface Uncertainty @1SD | | Horizontal | 0.100ft | Vertical |
| Facility Surface Uncertainty @1SD | | Horizontal | 8.200ft | Vertical |
| | | | | 1.000ft |
| | | | | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. PHILLIPS 1 AWB Offset Wellpath: EX. PHILLIPS 1 AWP | | | | |
|--|-------------|--|--|--------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7272.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7272> | EX. PHILLIPS 1 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. PHILLIPS 1 AWB Offset Wellpath: EX. PHILLIPS 1 AWP | |
|---|---|
| MD Reference: Rig on SLOT#02 EX. PHILLIPS 1 (650'FNL & 643'FEL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHURVIEW 33C-3HZ AWB Offset Wellpath: EX. SHURVIEW 33C-3HZ AWP

| Facility: SEC.03-T05N-R67W Slot: SLOT#04 EX. SHURVIEW 33C-3HZ (2016'FSL & 1191'FEL, CODL/PR) Well: EX. SHURVIEW 33C-3HZ Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 15.00 | 20.00 | 985.38 | -10969.41 | -84.87 | 11013.58 | 50.17 | 223.82 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHURVIEW 33C-3HZ AWB Offset Wellpath: EX. SHURVIEW 33C-3HZ AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SHURVIEW 33C-3HZ AWB Offset Wellpath: EX. SHURVIEW 33C-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|---|--------------------------|
| 0.00 | 1217.00 | BHI Generic gyro - continuous (Standard) | MS GYRODATA SURVEYS <17-1217> | EX. SHURVIEW 33C-3HZ AWB |
| 1217.00 | 7632.00 | BHI NaviTrak (Standard) | 8 3/4" NAVIGAMMA VERTICAL & CURVE <1360'-7632'> | EX. SHURVIEW 33C-3HZ AWB |
| 7632.00 | 11623.00 | BHI OnTrak (Standard) | 6 1/8" ONTRAK CODELL LATERAL <7724-11623> | EX. SHURVIEW 33C-3HZ AWB |
| 11623.00 | 11689.00 | Blind Drilling (std) | Projection to bit | EX. SHURVIEW 33C-3HZ AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHURVIEW 33C-3HZ AWB Offset Wellpath: EX. SHURVIEW 33C-3HZ AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#04 EX. SHURVIEW 33C-3HZ (2016'FSL & 1191'FEL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 32N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W | | | | Slot: SLOT#14 GREELEY-ROTH FEDERAL 32N-2B-L (1143'FSL & 294'FEL, SEC.01) | | | | Well: GREELEY-ROTH FEDERAL 32N-2B-L | | Threshold Value=1.00 † = interpolated/extrapolated | | | | s |
|----------------------------|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|-------------------------------------|---------------------------|--|--------------|---------|--|---|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A St | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 18.00 | 20.00 | 200.07 | -2.55 | -0.73 | 200.09 | 1.26 | 663.74 | P | | |
| 120.00† | 120.00 | 0.00 | 0.00 | 118.00 | 120.00 | 200.07 | -2.55 | -0.73 | 200.09 | 1.88 | 216.18 | P | | |
| 220.00† | 220.00 | 0.00 | 0.00 | 218.00 | 220.00 | 200.07 | -2.55 | -0.73 | 200.09 | 2.45 | 133.63 | P | | |
| 320.00† | 320.00 | 0.00 | 0.00 | 314.41 | 316.41 | 200.65 | -2.12 | -0.61 | 200.69 | 3.09 | 93.85 | P | | |
| 420.00† | 420.00 | 0.00 | 0.00 | 409.00 | 410.92 | 203.61 | 0.08 | 0.02 | 203.81 | 4.01 | 66.64 | P | | |
| 520.00† | 520.00 | 0.00 | 0.00 | 503.24 | 504.91 | 209.05 | 4.12 | 1.13 | 209.63 | 5.02 | 51.50 | P | | |
| 620.00† | 620.00 | 0.00 | 0.00 | 596.94 | 598.09 | 216.91 | 9.97 | 2.63 | 218.24 | 5.96 | 43.49 | P | | |
| 720.00† | 720.00 | 0.00 | 0.00 | 689.90 | 690.17 | 227.12 | 17.56 | 4.42 | 229.74 | 6.86 | 38.79 | P | | |
| 750.00 | 750.00 | 0.00 | 0.00 | 717.61 | 717.54 | 230.63 | 20.17 | 5.00 | 233.77 | 7.13 | 37.76 | P | | |
| 820.00† | 819.99 | -0.57 | 0.64 | 781.91 | 780.86 | 239.58 | 26.82 | -124.99 | 244.72 | 7.75 | 35.92 | P | | |
| 920.00† | 919.90 | -3.33 | 3.78 | 872.69 | 869.80 | 254.17 | 37.66 | -123.31 | 264.51 | 8.65 | 34.29 | P | | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 969.01 | 963.78 | 271.09 | 50.24 | -122.10 | 287.91 | 9.16 | 35.00 | P | | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1065.77 | 1058.19 | 288.10 | 62.89 | -121.51 | 313.15 | 10.17 | 33.92 | P | | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1162.02 | 1152.10 | 305.02 | 75.47 | -121.44 | 340.16 | 10.93 | 34.04 | P | | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1233.47 | 1221.82 | 317.58 | 84.81 | -121.64 | 361.48 | 11.42 | 34.49 | P | | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1257.68 | 1245.44 | 321.84 | 87.97 | -121.87 | 368.90 | 11.60 | 34.59 | P | | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1353.14 | 1338.58 | 338.62 | 100.45 | -122.68 | 398.20 | 12.29 | 35.07 | P | | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1448.61 | 1431.73 | 355.41 | 112.93 | -123.38 | 427.57 | 13.01 | 35.40 | P | | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1544.08 | 1524.88 | 372.19 | 125.41 | -123.99 | 456.99 | 13.76 | 35.64 | P | | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1639.55 | 1618.03 | 388.98 | 137.88 | -124.53 | 486.45 | 14.52 | 35.80 | P | | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1735.02 | 1711.18 | 405.76 | 150.36 | -125.00 | 515.95 | 14.96 | 36.27 | P | | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1830.48 | 1804.33 | 422.55 | 162.84 | -125.43 | 545.47 | 15.24 | 37.48 | P | | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1925.95 | 1897.48 | 439.33 | 175.32 | -125.81 | 575.02 | 15.45 | 38.95 | P | | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2021.42 | 1990.63 | 456.12 | 187.80 | -126.15 | 604.59 | 15.74 | 40.17 | P | | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2116.89 | 2083.78 | 472.90 | 200.27 | -126.47 | 634.18 | 16.10 | 41.15 | P | | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2212.36 | 2176.92 | 489.69 | 212.75 | -126.75 | 663.78 | 16.53 | 41.90 | P | | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2307.82 | 2270.07 | 506.47 | 225.23 | -127.01 | 693.40 | 17.03 | 42.45 | P | | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2403.29 | 2363.22 | 523.26 | 237.71 | -127.25 | 723.03 | 17.58 | 42.82 | P | | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2498.76 | 2456.37 | 540.04 | 250.19 | -127.47 | 752.67 | 18.18 | 43.04 | P | | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2594.23 | 2549.52 | 556.83 | 262.66 | -127.67 | 782.32 | 18.83 | 43.13 | P | | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 32N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32N-2B-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W | | | | | | Slot: SLOT#14 GREELEY-ROTH FEDERAL 32N-2B-L (1143'FSL & 294'FEL, SEC.01) | | Well: GREELEY-ROTH FEDERAL 32N-2B-L | | Threshold Value=1.00 | | † = interpolated/extrapolated | | s |
|----------------------------|-----------------|-------------------|------------------|-------------------|--------------------|--|---------------------|-------------------------------------|---------------------------|----------------------|--------------|-------------------------------|--|---|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | A | | S |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2689.70 | 2642.67 | 573.61 | 275.14 | -127.86 | 811.98 | 19.52 | 43.12 | P/ | | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2785.17 | 2735.82 | 590.40 | 287.62 | -128.03 | 841.64 | 20.25 | 43.03 | P/ | | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2880.63 | 2828.97 | 607.18 | 300.10 | -128.20 | 871.31 | 21.01 | 42.88 | P/ | | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 2976.10 | 2922.12 | 623.97 | 312.58 | -128.35 | 900.99 | 21.81 | 42.67 | P/ | | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3071.57 | 3015.26 | 640.75 | 325.05 | -128.49 | 930.68 | 22.63 | 42.43 | P/ | | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3167.04 | 3108.41 | 657.54 | 337.53 | -128.63 | 960.36 | 23.47 | 42.16 | P/ | | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3262.51 | 3201.58 | 674.32 | 350.01 | -128.75 | 990.06 | 24.34 | 41.87 | P/ | | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 32N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32N-2B-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 32N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32N-2B-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 22.00 | 1725.80 | 121.96 | -1.56 | 185.46 | 45.65 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 22.00 | 1725.80 | 121.96 | -1.56 | 185.46 | 45.65 |
| 8.5in Open Hole | 1750.00 | 17135.08 | 15385.08 | 1725.80 | N/A | 185.46 | 45.65 | N/A | N/A |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 32N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32N-2B-L PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|-----------------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 32N-2B-L PWB |
| 1750.00 | 17135.08 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 32N-2B-L PWB |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 32N-2B-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32N-2B-L PWP (REV-A.0) | |
|---|---|
| MD Reference: PRECISION 462 (20') (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY FEDERAL 31-11 AWB Offset Wellpath: EX. SKYWAY FEDERAL 31-11 AWP

| Facility: SEC.11-T05N-R67W | | | | Slot: SLOT#04 EX. SKYWAY FEDERAL 31-11 (450'FNL & 582'FWL, PR/NB-CD) | | | Well: EX. SKYWAY FEDERAL 31-11 | | Threshold Value=1.00 | | † = interpolated/extrapolated station | |
|----------------------------|-----------------|-------------------|------------------|--|--------------------|----------------------|--------------------------------|----------------------------|---------------------------|---------------------|---------------------------------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 92.45 | 63.45 | -1488.95 | -9541.38 | -98.87 | 9656.96 | 50.17 | 196.21 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SKYWAY FEDERAL 31-11 AWB Offset Wellpath: EX. SKYWAY FEDERAL 31-11 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SKYWAY FEDERAL 31-11 AWB Offset Wellpath: EX. SKYWAY FEDERAL 31-11 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|-------------------------------|--|------------------------------|
| 12.00 | 7442.00 | ISCWSA MWD, Rev. 4 (Standard) | DIRECTIONAL SURVEYS PROVIDED BY SRC <185-7442> | EX. SKYWAY FEDERAL 31-11 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SKYWAY FEDERAL 31-11 AWB Offset Wellpath: EX. SKYWAY FEDERAL 31-11 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#04 EX. SKYWAY FEDERAL 31-11 (450'FNL & 582'FWL, PR/NB-CD) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 12.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-32 AWB Offset Wellpath: EX. RUDOLPH 2-32 AWP | | | | | | | | | | | | |
|--|--------------|--|---------------|----------------|-----------------|------------------------|------------------|--|---------------------|---------------|-----------|------------|
| Facility: SEC.02-T5N-R67W | | Slot: SLOT#06 EX. RUDOLPH 2-32 (2335'FSL & 740'FWL, CODL/PR) | | | | Well: EX. RUDOLPH 2-32 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 10.00 | 20.00 | 1292.42 | -8996.21 | -81.83 | 9088.57 | 50.19 | 184.62 | PASS |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. RUDOLPH 2-32 AWB Offset Wellpath: EX. RUDOLPH 2-32 AWP | | | | |
|--|--|------------|---------|------------------|
| Slot Surface Uncertainty @1SD | | Horizontal | 0.100ft | Vertical 1.000ft |
| Facility Surface Uncertainty @1SD | | Horizontal | 8.200ft | Vertical 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. RUDOLPH 2-32 AWB Offset Wellpath: EX. RUDOLPH 2-32 AWP | | | | |
|--|-------------|--|--|----------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7299.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7299> | EX. RUDOLPH 2-32 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. RUDOLPH 2-32 AWB Offset Wellpath: EX. RUDOLPH 2-32 AWP | |
|---|--|
| MD Reference: Rig on SLOT#06 EX. RUDOLPH 2-32 (2335'FSL & 740'FWL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 32C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#13 GREELEY-ROTH FEDERAL 32C-2-L (1163'FSL & 295'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 32C-2-L Threshold Value=1.00 † = Interpolated/extrapolated stat | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|--------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Statu | |
| 20.00 | 20.00 | 0.00 | 0.00 | 18.00 | 20.00 | 220.11 | -2.78 | -0.73 | 220.12 | 1.28 | 730.53 | PAS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 118.00 | 120.00 | 220.11 | -2.78 | -0.73 | 220.12 | 1.89 | 237.80 | PAS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 216.91 | 218.91 | 220.15 | -2.76 | -0.72 | 220.17 | 2.45 | 147.81 | PAS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 310.81 | 312.78 | 221.92 | -1.64 | -0.42 | 222.04 | 3.26 | 96.16 | PAS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 404.46 | 406.29 | 226.27 | 1.12 | 0.28 | 226.69 | 4.37 | 66.28 | PAS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 497.69 | 499.15 | 233.16 | 5.48 | 1.35 | 234.16 | 5.35 | 53.11 | PAS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 590.28 | 591.08 | 242.53 | 11.42 | 2.70 | 244.52 | 6.26 | 46.02 | PAS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 682.06 | 681.79 | 254.29 | 18.87 | 4.24 | 257.84 | 7.12 | 41.76 | PAS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 709.41 | 708.73 | 258.27 | 21.39 | 4.73 | 262.42 | 7.37 | 40.82 | PAS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 772.83 | 771.02 | 268.33 | 27.78 | -125.43 | 274.66 | 8.05 | 38.60 | PAS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 862.24 | 858.36 | 284.48 | 37.99 | -123.98 | 296.31 | 8.81 | 37.66 | PAS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 957.65 | 951.13 | 303.29 | 49.90 | -122.92 | 321.67 | 9.51 | 37.54 | PAS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1053.86 | 1044.68 | 322.28 | 61.93 | -122.40 | 348.92 | 10.15 | 37.86 | PAS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1149.51 | 1137.68 | 341.16 | 73.89 | -122.31 | 377.97 | 10.80 | 38.32 | PAS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1220.46 | 1206.67 | 355.17 | 82.78 | -122.47 | 400.84 | 11.28 | 38.77 | PAS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1244.50 | 1230.04 | 359.91 | 85.76 | -122.69 | 408.78 | 11.43 | 38.96 | PAS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1339.28 | 1322.21 | 378.62 | 97.61 | -123.48 | 440.17 | 12.01 | 39.78 | PAS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1434.07 | 1414.37 | 397.33 | 109.46 | -124.16 | 471.62 | 12.60 | 40.44 | PAS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1528.86 | 1506.53 | 416.04 | 121.31 | -124.75 | 503.13 | 13.21 | 41.00 | PAS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1623.64 | 1598.69 | 434.75 | 133.16 | -125.28 | 534.68 | 13.84 | 41.46 | PAS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1718.43 | 1690.85 | 453.46 | 145.01 | -125.75 | 566.26 | 14.17 | 42.17 | PAS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1813.21 | 1783.01 | 472.17 | 156.86 | -126.16 | 597.88 | 14.40 | 43.62 | PAS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1908.00 | 1875.18 | 490.88 | 168.71 | -126.54 | 629.52 | 14.62 | 45.20 | PAS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2002.78 | 1967.34 | 509.59 | 180.56 | -126.88 | 661.18 | 14.91 | 46.50 | PAS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2097.57 | 2059.50 | 528.30 | 192.41 | -127.19 | 692.86 | 15.28 | 47.49 | PAS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2192.35 | 2151.66 | 547.01 | 204.28 | -127.47 | 724.56 | 15.73 | 48.19 | PAS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2287.14 | 2243.82 | 565.72 | 216.11 | -127.73 | 756.27 | 16.24 | 48.65 | PAS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2381.92 | 2335.99 | 584.42 | 227.96 | -127.97 | 788.00 | 16.81 | 48.90 | PAS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2476.71 | 2428.15 | 603.13 | 239.81 | -128.19 | 819.73 | 17.43 | 48.97 | PAS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2571.49 | 2520.31 | 621.84 | 251.66 | -128.39 | 851.48 | 18.11 | 48.89 | PAS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: GREELEY-ROTH FEDERAL 32C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32C-2-L PWP (REV-A.0)

| Facility: SEC.01-T05N-R67W Slot: SLOT#13 GREELEY-ROTH FEDERAL 32C-2-L (1163'FSL & 295'FEL, SEC.01) Well: GREELEY-ROTH FEDERAL 32C-2-L Threshold Value=1.00 † = Interpolated/extrapolated stat | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|-----------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Statu | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2666.28 | 2612.47 | 640.55 | 263.51 | -128.58 | 883.24 | 18.83 | 48.71 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2761.07 | 2704.63 | 659.26 | 275.36 | -128.75 | 915.00 | 19.58 | 48.44 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2855.85 | 2796.79 | 677.97 | 287.22 | -128.92 | 946.77 | 20.37 | 48.11 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 2950.64 | 2888.96 | 696.68 | 299.07 | -129.07 | 978.55 | 21.19 | 47.75 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: GREELEY-ROTH FEDERAL 32C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32C-2-L PWP (REV-A.0)

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: GREELEY-ROTH FEDERAL 32C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32C-2-L PWP (REV-A.0)

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 20.00 | 1750.00 | 1730.00 | 22.00 | 1721.55 | 134.18 | -1.70 | 207.20 | 44.55 |
| 9.625in Casing Surface | 20.00 | 1750.00 | 1730.00 | 22.00 | 1721.55 | 134.18 | -1.70 | 207.20 | 44.55 |
| 8.5in Open Hole | 1750.00 | 17292.80 | 15542.80 | 1721.55 | 7138.00 | 207.20 | 44.55 | 617.42 | -2883.44 |

SURVEY PROGRAM - Offset Wellbore: GREELEY-ROTH FEDERAL 32C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32C-2-L PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|----------------------------------|
| 20.00 | 1750.00 | Custom BHI NaviTrak (IFR1, Standard Rotating+Axial Corr) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 32C-2-L PWB |
| 1750.00 | 17292.80 | Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) | | GREELEY-ROTH FEDERAL 32C-2-L PWB |



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GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: GREELEY-ROTH FEDERAL 32C-2-L PWB Offset Wellpath: GREELEY-ROTH FEDERAL 32C-2-L PWP (REV-A.0) | |
|--|---|
| MD Reference: PRECISION 462 (20') (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 20.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. RUDOLPH 2-31 AWB Offset Wellpath: EX. RUDOLPH 2-31 AWP

| Facility: SEC.02-T5N-R67W | | Slot: SLOT#05 EX. RUDOLPH 2-31 (2387'FSL & 2058'FWL, NB-CD/PR) | | Well: EX. RUDOLPH 2-31 | | Threshold Value=1.00 | | † = Interpolated/extrapolated station | | | | |
|---------------------------|--------------|--|---------------|------------------------|-----------------|----------------------|------------------|---------------------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 42.00 | 20.00 | 1296.33 | -7673.77 | -80.41 | 7782.50 | 50.25 | 157.87 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. RUDOLPH 2-31 AWB Offset Wellpath: EX. RUDOLPH 2-31 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. RUDOLPH 2-31 AWB Offset Wellpath: EX. RUDOLPH 2-31 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|----------------------|
| 0.00 | 7361.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7361> | EX. RUDOLPH 2-31 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. RUDOLPH 2-31 AWB Offset Wellpath: EX. RUDOLPH 2-31 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#05 EX. RUDOLPH 2-31 (2387'FSL & 2058'FWL, NB-CD/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. AUFRECHT N 02-10 AWB Offset Wellpath: EX. AUFRECHT N 02-10 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#02 EX. AUFRECHT N 02-10 (2252'FSL & 1849'FEL, CODL/PR) Well: EX. AUFRECHT N 02-10 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 77.00 | 20.00 | 1165.96 | -6535.66 | -79.89 | 6638.85 | 50.33 | 134.47 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. AUFRECHT N 02-10 AWB Offset Wellpath: EX. AUFRECHT N 02-10 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. AUFRECHT N 02-10 AWB Offset Wellpath: EX. AUFRECHT N 02-10 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------------|
| 0.00 | 7840.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7840> | EX. AUFRECHT N 02-10 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. AUFRECHT N 02-10 AWB Offset Wellpath: EX. AUFRECHT N 02-10 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#02 EX. AUFRECHT N 02-10 (2252'FSL & 1849'FEL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SKYWAY 18-11 AWB Offset Wellpath: EX. SKYWAY 18-11 AWP

| Facility: SEC.11-T05N-R67W Slot: SLOT#01 EX. SKYWAY 18-11 (507'FNL & 650'FWL, PR/NB-CD) Well: EX. SKYWAY 18-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 52.63 | 13.63 | -1547.25 | -9474.78 | -99.28 | 9600.28 | 50.17 | 195.08 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SKYWAY 18-11 AWB Offset Wellpath: EX. SKYWAY 18-11 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SKYWAY 18-11 AWB Offset Wellpath: EX. SKYWAY 18-11 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|--|----------------------|
| 12.00 | 7919.00 | ISCWSA MWD, Rev. 4 (Standard) | DIRECTIONAL SURVEYS PROVIDED BY SRC <179°-7919°> | EX. SKYWAY 18-11 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SKYWAY 18-11 AWB Offset Wellpath: EX. SKYWAY 18-11 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#01 EX. SKYWAY 18-11 (507'FNL & 650'FWL, PR/NB-CD) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 12.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HSR-KNOX 16-3 AWB Offset Wellpath: EX. HSR-KNOX 16-3 AWP

| Facility: SEC.03-T05N-R67W Slot: SLOT#07 EX. HSR-KNOX 16-3 (527' FSL & 831'FEL, AB/NB-CD) Well: EX. HSR-KNOX 16-3 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | -5.00 | 20.00 | -504.66 | -10989.02 | -92.63 | 11000.60 | 25.57 | 447.11 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HSR-KNOX 16-3 AWB Offset Wellpath: EX. HSR-KNOX 16-3 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. HSR-KNOX 16-3 AWB Offset Wellpath: EX. HSR-KNOX 16-3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-----------------------|
| 0.00 | 7301.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7301> | EX. HSR-KNOX 16-3 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HSR-KNOX 16-3 AWB Offset Wellpath: EX. HSR-KNOX 16-3 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#07 EX. HSR-KNOX 16-3 (527' FSL & 831'FEL, AB/NB-CD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. HSR KNOX 9-3 AWB Offset Wellpath: EX. HSR KNOX 9-3 AWP | | | | | | | | | | | | |
|--|--------------|----------------|---------------|---|-----------------|-------------------|------------------|-------------------------|---------------------|--|-----------|------------|
| Facility: SEC.03-T05N-R67W | | | | Slot: SLOT#02 EX. HSR-KNOX 9-3 (1981'FSL & 701'FEL, JNBCE/SI) | | | | Well: EX. HSR KNOX 9-3 | | Threshold Value=1.00 † = interpolated/extrapolated station | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 17.00 | 20.00 | 952.56 | -10918.77 | -85.01 | 10960.24 | 50.20 | 222.57 | PASS |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HSR KNOX 9-3 AWB Offset Wellpath: EX. HSR KNOX 9-3 AWP | | | | |
|---|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. HSR KNOX 9-3 AWB Offset Wellpath: EX. HSR KNOX 9-3 AWP | | | | |
|--|-------------|--|--|----------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7795.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7795> | EX. HSR KNOX 9-3 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HSR KNOX 9-3 AWB Offset Wellpath: EX. HSR KNOX 9-3 AWP | |
|---|--|
| MD Reference: Rig on SLOT#02 EX. HRS-KNOX 9-3 (1981'FSL & 701'FEL, JNBCE/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 9-1 PWB Offset Wellpath: EX. GENESIS 9-1 PWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#02 EX. GENESIS 9-1 (750'FSL & 377'FEL, AL/PWP) Well: EX. GENESIS 9-1 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 3.00 | 20.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.17 | 4.18 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 103.00 | 120.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.22 | 4.18 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 203.00 | 220.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.27 | 4.17 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 303.00 | 320.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.33 | 4.17 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 403.00 | 420.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.39 | 4.16 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 503.00 | 520.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.46 | 4.16 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 603.00 | 620.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.53 | 4.15 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 703.00 | 720.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.60 | 4.14 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 733.00 | 750.00 | -193.79 | -71.85 | -159.66 | 206.68 | 50.62 | 4.14 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 803.19 | 820.19 | -193.79 | -71.85 | 69.17 | 206.38 | 50.68 | 4.13 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 909.39 | 926.36 | -191.75 | -72.27 | 70.71 | 203.29 | 50.80 | 4.06 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1014.59 | 1031.39 | -185.93 | -73.47 | 74.04 | 196.32 | 50.91 | 3.91 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1118.07 | 1134.42 | -176.52 | -75.42 | 79.43 | 186.50 | 51.01 | 3.71 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1219.17 | 1234.68 | -163.82 | -78.04 | 87.23 | 175.66 | 51.14 | 3.48 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1292.73 | 1307.30 | -152.40 | -80.40 | 94.76 | 168.61 | 51.30 | 3.33 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1317.33 | 1331.53 | -148.17 | -81.27 | 97.57 | 166.73 | 51.37 | 3.29 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1412.94 | 1425.27 | -129.82 | -85.06 | 109.48 | 162.96 | 51.70 | 3.19 | PASS | |
| 1424.38† | 1418.76 | -50.35 | 57.11 | 1416.88 | 1429.12 | -129.00 | -85.23 | 110.00 | 162.95 | 51.72 | 3.19 | PASS | |
| 1440.27† | 1434.37 | -52.34 | 59.36 | 1432.03 | 1443.92 | -125.79 | -85.90 | 112.01 | 163.05 | 51.78 | 3.19 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1506.15 | 1516.02 | -108.99 | -89.37 | 122.05 | 166.74 | 52.09 | 3.24 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1596.88 | 1603.64 | -85.95 | -94.13 | 134.20 | 179.46 | 52.39 | 3.47 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1686.74 | 1689.91 | -61.32 | -99.22 | 144.98 | 200.84 | 52.56 | 3.87 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1776.75 | 1776.31 | -36.59 | -104.33 | 153.73 | 228.61 | 52.40 | 4.41 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1866.77 | 1862.72 | -11.86 | -109.43 | 160.66 | 260.74 | 52.48 | 5.02 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1956.79 | 1949.12 | 12.86 | -114.54 | 166.13 | 295.80 | 52.59 | 5.69 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2046.82 | 2035.53 | 37.59 | -119.65 | 170.49 | 332.87 | 52.74 | 6.38 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2136.85 | 2121.95 | 62.32 | -124.76 | 174.00 | 371.35 | 52.93 | 7.10 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2226.87 | 2208.36 | 87.04 | -129.87 | 176.87 | 410.84 | 53.17 | 7.82 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2316.89 | 2294.77 | 111.76 | -134.98 | 179.25 | 451.08 | 53.43 | 8.54 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2406.91 | 2381.18 | 136.49 | -140.08 | -178.76 | 491.88 | 53.73 | 9.26 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 9-1 PWB Offset Wellpath: EX. GENESIS 9-1 PWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#02 EX. GENESIS 9-1 (750'FSL & 377'FEL, AL/PWP) Well: EX. GENESIS 9-1 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2496.93 | 2467.59 | 161.21 | -145.19 | -177.06 | 533.12 | 54.05 | 9.98 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2586.96 | 2554.00 | 185.93 | -150.30 | -175.60 | 574.69 | 54.40 | 10.69 | PASS | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2676.98 | 2640.41 | 210.66 | -155.41 | -174.34 | 616.54 | 54.78 | 11.39 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2767.00 | 2726.82 | 235.38 | -160.51 | -173.23 | 658.61 | 55.18 | 12.08 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2857.02 | 2813.22 | 260.10 | -165.62 | -172.26 | 700.86 | 55.60 | 12.76 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 2947.04 | 2899.63 | 284.82 | -170.73 | -171.39 | 743.26 | 56.04 | 13.42 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3037.06 | 2986.04 | 309.55 | -175.84 | -170.62 | 785.78 | 56.50 | 14.07 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3127.08 | 3072.45 | 334.27 | -180.94 | -169.93 | 828.41 | 56.98 | 14.71 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3217.11 | 3158.86 | 358.99 | -186.05 | -169.30 | 871.13 | 57.48 | 15.33 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3307.13 | 3245.27 | 383.72 | -191.16 | -168.73 | 913.93 | 57.99 | 15.94 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3397.15 | 3331.68 | 408.44 | -196.27 | -168.21 | 956.79 | 58.52 | 16.54 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3487.17 | 3418.09 | 433.16 | -201.37 | -167.74 | 999.72 | 59.07 | 17.12 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. GENESIS 9-1 PWB Offset Wellpath: EX. GENESIS 9-1 PWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. GENESIS 9-1 PWB Offset Wellpath: EX. GENESIS 9-1 PWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|--|---------------------|
| 0.00 | 8177.06 | ISWISA MWD, Rev. 4 (Standard) | DIRECTIONAL PLAN PROVIDED BY SRC <800-8177.06> | EX. GENESIS 9-1 PWB |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. GENESIS 9-1 PWB Offset Wellpath: EX. GENESIS 9-1 PWP | |
|---|---|
| MD Reference: Rig on SLOT#02 EX. GENESIS 9-1 (750'FSL & 377'FEL, AL/PWP) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. AUFRECHT N02-09 AWB Offset Wellpath: EX. AUFRECHT N02-09 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#03 EX. AUFRECHT N02-09 (2217'FSL & 660'FEL, CODL/SI) Well: EX. AUFRECHT N02-09 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 67.00 | 20.00 | 1111.03 | -5344.93 | -78.26 | 5459.18 | 50.31 | 110.62 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. AUFRECHT N02-09 AWB Offset Wellpath: EX. AUFRECHT N02-09 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. AUFRECHT N02-09 AWB Offset Wellpath: EX. AUFRECHT N02-09 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------------|
| 0.00 | 7361.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7361> | EX. AUFRECHT N02-09 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. AUFRECHT N02-09 AWB Offset Wellpath: EX. AUFRECHT N02-09 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#03 EX. AUFRECHT N02-09 (2217'FSL & 660'FEL, CODL/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE N 1-12 AWB Offset Wellpath: EX. HERTZKE N 1-12 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#03 EX. HERTZKE N 1-12 (2116'FSL & 619'FWL, CODL/PR) Well: EX. HERTZKE N 1-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 45.00 | 20.00 | 1028.10 | -4068.43 | -75.82 | 4196.33 | 50.26 | 85.10 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HERTZKE N 1-12 AWB Offset Wellpath: EX. HERTZKE N 1-12 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. HERTZKE N 1-12 AWB Offset Wellpath: EX. HERTZKE N 1-12 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|------------------------|
| 0.00 | 7329.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7329> | EX. HERTZKE N 1-12 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HERTZKE N 1-12 AWB Offset Wellpath: EX. HERTZKE N 1-12 AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#03 EX. HERTZKE N 1-12 (2116'FSL & 619'FWL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE N 1-11 AWB Offset Wellpath: EX. HERTZKE N 1-11 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#02 EX. HERTZKE N 1-11 (2012'FSL & 1864'FWL, CODL/SI) Well: EX. HERTZKE N 1-11 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 22.00 | 20.00 | 968.93 | -2824.79 | -71.07 | 2986.35 | 50.21 | 60.62 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HERTZKE N 1-11 AWB Offset Wellpath: EX. HERTZKE N 1-11 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. HERTZKE N 1-11 AWB Offset Wellpath: EX. HERTZKE N 1-11 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|------------------------|
| 0.00 | 7304.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7304> | EX. HERTZKE N 1-11 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HERTZKE N 1-11 AWB Offset Wellpath: EX. HERTZKE N 1-11 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#02 EX. HERTZKE N 1-11 (2012'FSL & 1864'FWL, CODL/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHURVIEW 13N-3HZ AWB Offset Wellpath: EX. SHURVIEW 13N-3HZ AWP

| Facility: SEC.03-T05N-R67W Slot: SLOT#03 EX. SHURVIEW 13N-3HZ (1999'FSL & 1164'FEL, NBRR/PR) Well: EX. SHURVIEW 13N-3HZ Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 15.00 | 20.00 | 968.57 | -10944.67 | -84.94 | 10987.44 | 50.17 | 223.29 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHURVIEW 13N-3HZ AWB Offset Wellpath: EX. SHURVIEW 13N-3HZ AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SHURVIEW 13N-3HZ AWB Offset Wellpath: EX. SHURVIEW 13N-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|---|--------------------------|
| 0.00 | 1217.00 | BHI Generic gyro - continuous (Standard) | MS GYRODATA SURVEYS <17-1217> | EX. SHURVIEW 13N-3HZ AWB |
| 1217.00 | 7455.00 | BHI NaviTrak (Standard) | 8 3/4" VERTICAL CURVE SECTION <1333-7455> | EX. SHURVIEW 13N-3HZ AWB |
| 7455.00 | 11258.00 | BHI OnTrak (Standard) | 6 1/8" LATERAL SECTION <7553-11325> | EX. SHURVIEW 13N-3HZ AWB |
| 11258.00 | 11325.00 | Blind Drilling (std) | Projection to bit | EX. SHURVIEW 13N-3HZ AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHURVIEW 13N-3HZ AWB Offset Wellpath: EX. SHURVIEW 13N-3HZ AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#03 EX. SHURVIEW 13N-3HZ (1999'FSL & 1164'FEL, NBRR/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 9-1-20 PWB Offset Wellpath: EX. GENESIS 9-1-20 PWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#03 EX. GENESIS 9-1-20 (725'FSL & 378'FEL, AL/PWP) Well: EX. GENESIS 9-1-20 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 3.00 | 20.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.17 | 4.75 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 103.00 | 120.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.23 | 4.74 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 203.00 | 220.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.29 | 4.73 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 303.00 | 320.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.36 | 4.73 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 403.00 | 420.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.43 | 4.72 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 503.00 | 520.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.51 | 4.71 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 603.00 | 620.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.59 | 4.71 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 703.00 | 720.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.67 | 4.70 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 733.00 | 750.00 | -219.30 | -82.99 | -159.27 | 234.47 | 50.70 | 4.69 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 802.99 | 819.99 | -219.30 | -82.99 | 69.53 | 234.17 | 50.76 | 4.68 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 902.90 | 919.90 | -219.30 | -82.99 | 70.52 | 232.74 | 50.86 | 4.65 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1002.63 | 1019.63 | -219.30 | -82.99 | 72.36 | 230.29 | 50.96 | 4.59 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1102.72 | 1119.69 | -218.32 | -84.55 | 75.57 | 226.98 | 51.13 | 4.51 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1201.09 | 1217.93 | -215.57 | -88.97 | 80.51 | 223.68 | 51.30 | 4.42 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1273.02 | 1289.60 | -212.43 | -94.02 | 85.27 | 222.28 | 51.43 | 4.39 | PASS | |
| 1313.61† | 1309.99 | -36.51 | 41.41 | 1290.90 | 1307.40 | -211.50 | -95.51 | 86.57 | 222.20 | 51.47 | 4.38 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1297.14 | 1313.61 | -211.16 | -96.06 | 87.04 | 222.21 | 51.48 | 4.38 | PASS | |
| 1334.82† | 1330.82 | -39.16 | 44.41 | 1311.18 | 1327.57 | -210.37 | -97.32 | 88.09 | 222.29 | 51.51 | 4.38 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1391.06 | 1406.85 | -205.21 | -105.61 | 94.35 | 224.69 | 51.67 | 4.41 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1482.96 | 1497.67 | -197.83 | -117.46 | 101.92 | 232.34 | 51.84 | 4.55 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1572.72 | 1585.91 | -189.14 | -131.42 | 109.34 | 245.89 | 51.96 | 4.80 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1660.24 | 1671.41 | -179.26 | -147.29 | 116.30 | 265.59 | 52.02 | 5.18 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1748.11 | 1756.70 | -168.10 | -165.21 | 122.71 | 291.08 | 51.80 | 5.68 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1838.76 | 1844.59 | -156.37 | -184.05 | 128.37 | 320.35 | 51.91 | 6.24 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1929.40 | 1932.48 | -144.65 | -202.89 | 133.13 | 352.26 | 52.06 | 6.85 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2020.05 | 2020.37 | -132.92 | -221.73 | 137.14 | 386.16 | 52.25 | 7.48 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2110.70 | 2108.26 | -121.19 | -240.57 | 140.53 | 421.56 | 52.46 | 8.13 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2201.35 | 2196.15 | -109.46 | -259.40 | 143.41 | 458.12 | 52.71 | 8.80 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2292.03 | 2284.08 | -97.73 | -278.25 | 145.88 | 495.58 | 52.99 | 9.47 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2382.69 | 2371.98 | -86.01 | -297.08 | 148.01 | 533.74 | 53.29 | 10.14 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 9-1-20 PWB Offset Wellpath: EX. GENESIS 9-1-20 PWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#03 EX. GENESIS 9-1-20 (725'FSL & 378'FEL, AL/PWP) Well: EX. GENESIS 9-1-20 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2473.34 | 2459.87 | -74.28 | -315.91 | 149.87 | 572.48 | 53.61 | 10.81 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2563.98 | 2547.77 | -62.56 | -334.74 | 151.50 | 611.67 | 53.95 | 11.48 | PASS | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2654.64 | 2635.66 | -50.83 | -353.58 | 152.93 | 651.25 | 54.31 | 12.14 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2745.29 | 2723.56 | -39.11 | -372.41 | 154.20 | 691.13 | 54.70 | 12.79 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2835.94 | 2811.45 | -27.38 | -391.24 | 155.34 | 731.28 | 55.10 | 13.43 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 2926.60 | 2899.35 | -15.66 | -410.07 | 156.36 | 771.65 | 55.52 | 14.06 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3017.25 | 2987.24 | -3.94 | -428.91 | 157.28 | 812.21 | 55.96 | 14.69 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3107.90 | 3075.14 | 7.79 | -447.74 | 158.12 | 852.93 | 56.42 | 15.30 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3198.55 | 3163.03 | 19.51 | -466.57 | 158.87 | 893.78 | 56.89 | 15.90 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3289.20 | 3250.93 | 31.24 | -485.40 | 159.57 | 934.76 | 57.38 | 16.48 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3379.85 | 3338.82 | 42.96 | -504.24 | 160.20 | 975.85 | 57.89 | 17.05 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. GENESIS 9-1-20 PWB Offset Wellpath: EX. GENESIS 9-1-20 PWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. GENESIS 9-1-20 PWB Offset Wellpath: EX. GENESIS 9-1-20 PWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|---|------------------------|
| 0.00 | 7251.21 | ISCWSA MWD, Rev. 4 (Standard) | DIRECTIONAL PLAN PROVIDED BY SRC <1000'-7251.21'> | EX. GENESIS 9-1-20 PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. GENESIS 9-1-20 PWB Offset Wellpath: EX. GENESIS 9-1-20 PWP

| | |
|--|---|
| MD Reference: Rig on SLOT#03 EX. GENESIS 9-1-20 (725'FSL & 378'FEL, AL/PWP) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. E JOHNSON FEDERAL 2-23 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-23 AWP

| Facility: SEC.02-T05N-R67W | | | | Slot: SLOT#04 EX. E. JOHNSON FEDERAL 2-23 (2129'FNL & 498'FWL, CODL/SI) | | | Well: EX. E JOHNSON FEDERAL 2-23 | | Threshold Value=1.00 | | † = interpolated/extrapolated station | |
|----------------------------|-----------------|-------------------|------------------|---|--------------------|----------------------|----------------------------------|----------------------------|---------------------------|---------------------|---------------------------------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 41.00 | 20.00 | 2726.00 | -8985.94 | -73.12 | 9390.33 | 50.25 | 190.50 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. E JOHNSON FEDERAL 2-23 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-23 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. E JOHNSON FEDERAL 2-23 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-23 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|--|--|--------------------------------|
| 0.00 | 7347.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7347> | EX. E JOHNSON FEDERAL 2-23 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. E JOHNSON FEDERAL 2-23 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-23 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#04 EX. E. JOHNSON FEDERAL 2-23 (2129'FNL & 498'FWL, CODL/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 9-1-39 PWB Offset Wellpath: EX. GENESIS 9-1-39 PWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#04 EX. GENESIS 9-1-39 (700'FSL & 378'FEL, AL/PWP) Well: EX. GENESIS 9-1-39 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 3.00 | 20.00 | -244.80 | -82.99 | -161.27 | 258.48 | 50.17 | 5.23 | PASS |
| 120.00† | 120.00 | 0.00 | 0.00 | 103.00 | 120.00 | -244.80 | -82.99 | -161.27 | 258.48 | 50.30 | 5.22 | PASS |
| 220.00† | 220.00 | 0.00 | 0.00 | 203.00 | 220.00 | -244.80 | -82.99 | -161.27 | 258.48 | 50.43 | 5.21 | PASS |
| 320.00† | 320.00 | 0.00 | 0.00 | 303.00 | 320.00 | -244.80 | -82.99 | -161.27 | 258.48 | 50.56 | 5.19 | PASS |
| 420.00† | 420.00 | 0.00 | 0.00 | 403.00 | 420.00 | -244.80 | -82.99 | -161.27 | 258.48 | 50.70 | 5.18 | PASS |
| 520.00† | 520.00 | 0.00 | 0.00 | 503.00 | 520.00 | -244.80 | -82.99 | -161.27 | 258.48 | 50.84 | 5.16 | PASS |
| 620.00† | 620.00 | 0.00 | 0.00 | 603.00 | 620.00 | -244.80 | -82.99 | -161.27 | 258.48 | 50.98 | 5.15 | PASS |
| 720.00† | 720.00 | 0.00 | 0.00 | 703.00 | 720.00 | -244.80 | -82.99 | -161.27 | 258.48 | 51.13 | 5.13 | PASS |
| 750.00 | 750.00 | 0.00 | 0.00 | 733.00 | 750.00 | -244.80 | -82.99 | -161.27 | 258.48 | 51.18 | 5.13 | PASS |
| 820.00† | 819.99 | -0.57 | 0.64 | 802.99 | 819.99 | -244.80 | -82.99 | 67.51 | 258.15 | 51.29 | 5.11 | PASS |
| 920.00† | 919.90 | -3.33 | 3.78 | 902.90 | 919.90 | -244.80 | -82.99 | 68.40 | 256.58 | 51.45 | 5.06 | PASS |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1002.60 | 1019.60 | -244.80 | -82.99 | 70.06 | 253.85 | 51.61 | 4.99 | PASS |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1101.97 | 1118.97 | -244.80 | -82.99 | 72.51 | 250.25 | 51.78 | 4.91 | PASS |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1200.89 | 1217.89 | -244.80 | -82.99 | 75.80 | 246.22 | 51.95 | 4.81 | PASS |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1274.37 | 1291.37 | -244.80 | -82.99 | 78.81 | 243.29 | 52.08 | 4.74 | PASS |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1299.27 | 1316.27 | -244.80 | -82.99 | 79.91 | 242.39 | 52.12 | 4.72 | PASS |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1397.47 | 1414.47 | -244.80 | -82.99 | 84.28 | 239.74 | 52.30 | 4.65 | PASS |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1495.66 | 1512.66 | -244.80 | -82.99 | 88.72 | 238.56 | 52.48 | 4.61 | PASS |
| 1549.32† | 1541.45 | -65.96 | 74.82 | 1523.67 | 1540.67 | -244.80 | -82.99 | 89.99 | 238.50 | 52.54 | 4.61 | PASS |
| 1608.73† | 1599.80 | -73.39 | 83.24 | 1582.80 | 1599.80 | -244.80 | -82.99 | 92.67 | 238.77 | 52.65 | 4.60 | PASS |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1593.86 | 1610.86 | -244.80 | -82.99 | 93.17 | 238.88 | 52.67 | 4.60 | PASS |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1692.06 | 1709.06 | -244.80 | -82.99 | 97.59 | 240.69 | 52.88 | 4.62 | PASS |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1790.26 | 1807.26 | -244.80 | -82.99 | 101.92 | 243.95 | 52.80 | 4.67 | PASS |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1888.46 | 1905.46 | -244.80 | -82.99 | 106.11 | 248.60 | 52.96 | 4.74 | PASS |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1986.66 | 2003.66 | -244.80 | -82.99 | 110.13 | 254.58 | 53.13 | 4.84 | PASS |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2084.85 | 2101.85 | -244.80 | -82.99 | 113.96 | 261.79 | 53.32 | 4.96 | PASS |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2183.05 | 2200.05 | -244.80 | -82.99 | 117.57 | 270.13 | 53.51 | 5.10 | PASS |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2285.68 | 2302.67 | -243.56 | -82.65 | 121.33 | 278.86 | 53.82 | 5.24 | PASS |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 2388.44 | 2405.30 | -238.82 | -81.38 | 125.48 | 286.99 | 54.16 | 5.36 | PASS |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2490.08 | 2506.59 | -230.63 | -79.18 | 129.97 | 295.03 | 54.51 | 5.47 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 9-1-39 PWB Offset Wellpath: EX. GENESIS 9-1-39 PWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#04 EX. GENESIS 9-1-39 (700'FSL & 378'FEL, AL/PWP) Well: EX. GENESIS 9-1-39 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 2590.39 | 2606.18 | -219.15 | -76.10 | 134.76 | 303.59 | 54.88 | 5.59 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 2689.13 | 2703.76 | -204.57 | -72.18 | 139.78 | 313.29 | 55.29 | 5.73 | PASS | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 2786.13 | 2799.05 | -187.09 | -67.48 | 144.96 | 324.76 | 55.71 | 5.89 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 2881.21 | 2891.80 | -166.95 | -62.07 | 150.21 | 338.59 | 56.16 | 6.09 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 2974.49 | 2982.23 | -144.81 | -56.13 | 155.35 | 355.28 | 56.60 | 6.34 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3067.53 | 3072.35 | -122.49 | -50.13 | 160.06 | 374.81 | 57.04 | 6.64 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3160.56 | 3162.47 | -100.18 | -44.14 | 164.32 | 396.77 | 57.49 | 6.97 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3253.60 | 3252.59 | -77.86 | -38.14 | 168.16 | 420.79 | 57.95 | 7.34 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 3346.64 | 3342.72 | -55.55 | -32.15 | 171.60 | 446.53 | 58.42 | 7.72 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 3439.68 | 3432.84 | -33.23 | -26.15 | 174.68 | 473.71 | 58.91 | 8.13 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 3532.71 | 3522.96 | -10.92 | -20.16 | 177.43 | 502.10 | 59.42 | 8.54 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 3625.75 | 3613.08 | 11.40 | -14.16 | 179.91 | 531.50 | 59.95 | 8.96 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 3718.79 | 3703.21 | 33.71 | -8.17 | -177.87 | 561.75 | 60.50 | 9.38 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 3811.83 | 3793.33 | 56.03 | -2.18 | -175.87 | 592.73 | 61.06 | 9.81 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 3904.86 | 3883.45 | 78.34 | 3.82 | -174.06 | 624.32 | 61.64 | 10.23 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 3997.90 | 3973.57 | 100.66 | 9.81 | -172.42 | 656.45 | 62.24 | 10.66 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4090.94 | 4063.70 | 122.97 | 15.81 | -170.92 | 689.02 | 62.86 | 11.07 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4183.97 | 4153.82 | 145.29 | 21.80 | -169.56 | 721.99 | 63.50 | 11.49 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4277.01 | 4243.94 | 167.60 | 27.80 | -168.32 | 755.30 | 64.15 | 11.89 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4370.05 | 4334.06 | 189.91 | 33.79 | -167.18 | 788.90 | 64.82 | 12.29 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 4463.09 | 4424.19 | 212.23 | 39.78 | -166.13 | 822.77 | 65.50 | 12.69 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 4556.12 | 4514.31 | 234.54 | 45.78 | -165.16 | 856.86 | 66.20 | 13.07 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 4649.16 | 4604.43 | 256.86 | 51.77 | -164.27 | 891.16 | 66.91 | 13.45 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 4742.20 | 4694.55 | 279.17 | 57.77 | -163.44 | 925.64 | 67.63 | 13.82 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 4835.24 | 4784.68 | 301.49 | 63.76 | -162.67 | 960.29 | 68.37 | 14.18 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 4951.22 | 4897.40 | 327.85 | 70.84 | -161.85 | 994.25 | 69.43 | 14.46 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. GENESIS 9-1-39 PWB Offset Wellpath: EX. GENESIS 9-1-39 PWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. GENESIS 9-1-39 PWB Offset Wellpath: EX. GENESIS 9-1-39 PWP

| Start MD (ft) | End MD (ft) | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|-------------------------------|---|------------------------|
| 0.00 | 7210.76 | ISCWSA MWD, Rev. 4 (Standard) | DIRECTIONAL PLAN PROVIDED BY SRC <2200'-7210.76'> | EX. GENESIS 9-1-39 PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. GENESIS 9-1-39 PWB Offset Wellpath: EX. GENESIS 9-1-39 PWP

| | |
|--|---|
| MD Reference: Rig on SLOT#04 EX. GENESIS 9-1-39 (700'FSL & 378'FEL, AL/PWP) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HIGH POINTE LLC 10E-402 PWB Offset Wellpath: EX. HIGH POINTE LLC 10E-402 PWP

| Facility: SEC.10-T05N-R67W Slot: SLOT#01 EX. HIGH POINTE LLC 10E-402 (739'FNL & 425'FWL, XX) Well: EX. HIGH POINTE LLC 10E-402 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 11542.31 | 7156.01 | -1197.05 | -10621.79 | -96.43 | 12852.15 | 67.34 | 193.60 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HIGH POINTE LLC 10E-402 PWB Offset Wellpath: EX. HIGH POINTE LLC 10E-402 PWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. HIGH POINTE LLC 10E-402 PWB Offset Wellpath: EX. HIGH POINTE LLC 10E-402 PWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|------------------------------|--|---------------------------------|
| 0.00 | 11542.31 | ISCWSA MWD, Rev. 4 (SAG) | MWD PWP SURVEYS PROVIDED BY SRC <800-11542.31> | EX. HIGH POINTE LLC 10E-402 PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HIGH POINTE LLC 10E-402 PWB Offset Wellpath: EX. HIGH POINTE LLC 10E-402 PWP

| | |
|---|---|
| MD Reference: Rig on SLOT#01 EX. HIGH POINTE LLC 10E-402 (739'FNL & 425'FWL, XX) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. E JOHNSON FEDERAL 2-24 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-24 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#05 EX. E. JOHNSON FEDERAL 2-24 (2074'FNL & 1707'FWL, CODL/PR) Well: EX. E JOHNSON FEDERAL 2-24 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 36.00 | 20.00 | 2754.71 | -7699.77 | -70.32 | 8177.70 | 50.24 | 165.93 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. E JOHNSON FEDERAL 2-24 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-24 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. E JOHNSON FEDERAL 2-24 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-24 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------------------|
| 0.00 | 7386.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7386> | EX. E JOHNSON FEDERAL 2-24 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. E JOHNSON FEDERAL 2-24 AWB Offset Wellpath: EX. E JOHNSON FEDERAL 2-24 AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#05 E. JOHNSON FEDERAL 2-24 (2074'FNL & 1707'FWL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. KNOX 32-3 AWB Offset Wellpath: EX. KNOX 32-3 AWP

| Facility: SEC.03-T05N-R67W Slot: SLOT#02 EX. KNOX 32-3 (2270'FNL & 1839'FEL, JSND/SI) Well: EX. KNOX 32-3 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 20.00 | 20.00 | 0.00 | 0.00 | -3.00 | 20.00 | 2603.12 | -11382.95 | -77.12 | 11676.81 | 25.57 | 474.59 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. KNOX 32-3 AWB Offset Wellpath: EX. KNOX 32-3 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. KNOX 32-3 AWB Offset Wellpath: EX. KNOX 32-3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------|
| 0.00 | 7878.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7878> | EX. KNOX 32-3 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. KNOX 32-3 AWB Offset Wellpath: EX. KNOX 32-3 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#02 EX. KNOX 32-3 (2270'FNL & 1839'FEL, JSND/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. AUFRECHT 1 AWB Offset Wellpath: EX. AUFRECHT 1 AWP

| Facility: SEC.02-T05N-R67W Slot: SLOT#01 EX. AUFRECHT 1 (1368'FNL & 1287'FEL, J-CDL/PR) Well: EX. AUFRECHT 1 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 36.00 | 20.00 | 2921.89 | -6288.28 | -65.08 | 6933.97 | 50.24 | 140.69 | PASS | | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. AUFRECHT 1 AWB Offset Wellpath: EX. AUFRECHT 1 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. AUFRECHT 1 AWB Offset Wellpath: EX. AUFRECHT 1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------|
| 0.00 | 8033.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <8033> | EX. AUFRECHT 1 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. AUFRECHT 1 AWB Offset Wellpath: EX. AUFRECHT 1 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#01 EX. AUFRECHT 1 (1368'FNL & 1287'FEL, J-CDL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP

| Facility: SEC.12-T05N-R67W Slot: SLOT#02 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD) Well: EX. SHEEP 2-12 Threshold Value=1.00 † = Interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 18.07 | 21.07 | -4025.61 | -1133.38 | -164.28 | 4182.12 | 50.18 | 84.96 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 124.33 | 127.33 | -4025.47 | -1133.47 | -164.27 | 4182.02 | 50.23 | 84.87 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 230.60 | 233.60 | -4025.13 | -1133.70 | -164.27 | 4181.77 | 50.28 | 84.77 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 336.86 | 339.86 | -4024.59 | -1134.06 | -164.26 | 4181.37 | 50.35 | 84.66 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 443.12 | 446.12 | -4023.84 | -1134.56 | -164.25 | 4180.82 | 50.41 | 84.53 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 549.38 | 552.37 | -4022.89 | -1135.19 | -164.24 | 4180.12 | 50.48 | 84.40 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 655.63 | 658.61 | -4021.74 | -1135.96 | -164.23 | 4179.27 | 50.55 | 84.26 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 761.87 | 764.84 | -4020.38 | -1136.87 | -164.21 | 4178.27 | 50.63 | 84.11 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 1348.96 | 1348.94 | -3969.85 | -1148.02 | -163.87 | 4175.69 | 50.91 | 83.59 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 1539.34 | 1536.07 | -3936.18 | -1157.40 | 65.22 | 4164.48 | 51.07 | 83.10 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 2242.42 | 2211.49 | -3748.89 | -1202.51 | 67.52 | 4141.56 | 51.38 | 82.12 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 3060.46 | 2947.03 | -3404.21 | -1242.47 | 71.65 | 4100.48 | 51.90 | 80.49 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 3124.14 | 3001.34 | -3371.60 | -1248.52 | 73.14 | 4050.76 | 52.38 | 78.77 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 3201.58 | 3066.85 | -3331.21 | -1257.09 | 74.82 | 4000.05 | 52.97 | 76.90 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 3221.22 | 3083.57 | -3321.13 | -1259.26 | 75.82 | 3962.45 | 53.36 | 75.61 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 3227.89 | 3089.26 | -3317.74 | -1260.01 | 75.87 | 3949.78 | 53.49 | 75.18 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 3254.50 | 3112.09 | -3304.41 | -1263.02 | 76.09 | 3900.70 | 54.01 | 73.51 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 3301.14 | 3152.40 | -3281.58 | -1268.47 | 76.47 | 3853.02 | 54.58 | 71.85 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 3422.06 | 3256.33 | -3221.57 | -1283.19 | 77.48 | 3805.42 | 55.31 | 70.01 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 3515.40 | 3336.52 | -3174.89 | -1293.42 | 78.27 | 3757.76 | 56.02 | 68.23 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 3561.19 | 3375.59 | -3151.71 | -1299.11 | 78.68 | 3710.59 | 56.39 | 66.63 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 3692.03 | 3487.73 | -3086.05 | -1314.33 | 79.85 | 3664.06 | 57.22 | 64.82 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 3827.54 | 3602.65 | -3015.94 | -1329.87 | 81.11 | 3616.71 | 58.13 | 62.97 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 4075.45 | 3806.41 | -2878.46 | -1361.60 | 83.65 | 3566.76 | 59.56 | 60.59 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 4140.39 | 3858.78 | -2841.08 | -1370.47 | 84.36 | 3516.69 | 60.46 | 58.85 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 4232.40 | 3932.73 | -2787.82 | -1383.11 | 85.40 | 3467.13 | 61.51 | 57.01 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 4269.98 | 3963.02 | -2766.17 | -1388.17 | 85.83 | 3418.50 | 62.38 | 55.42 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 4308.27 | 3994.12 | -2744.44 | -1393.36 | 86.26 | 3371.35 | 63.27 | 53.88 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 4342.54 | 4022.15 | -2725.29 | -1398.03 | 86.66 | 3325.74 | 64.16 | 52.41 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 4374.75 | 4048.78 | -2707.69 | -1402.38 | 87.03 | 3281.83 | 65.05 | 50.99 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP

| Facility: SEC.12-T05N-R67W Slot: SLOT#02 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD) Well: EX. SHEEP 2-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 4407.85 | 4076.41 | -2690.01 | -1406.80 | 87.40 | 3239.69 | 65.97 | 49.63 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 4514.41 | 4166.12 | -2633.99 | -1419.77 | 88.61 | 3198.69 | 67.28 | 48.04 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 4549.58 | 4195.87 | -2615.65 | -1423.69 | 89.00 | 3158.46 | 68.25 | 46.75 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 4585.39 | 4226.39 | -2597.37 | -1427.82 | 89.41 | 3120.05 | 69.24 | 45.52 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 4667.64 | 4296.99 | -2556.25 | -1437.21 | 90.34 | 3083.30 | 70.50 | 44.17 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 4799.69 | 4409.76 | -2488.91 | -1450.87 | 91.87 | 3046.25 | 72.09 | 42.67 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 4852.67 | 4454.68 | -2461.44 | -1456.68 | 92.51 | 3009.85 | 73.28 | 41.46 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 4914.61 | 4507.53 | -2429.85 | -1463.41 | 93.25 | 2974.98 | 74.55 | 40.28 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 5001.19 | 4581.71 | -2386.05 | -1472.06 | 94.29 | 2941.06 | 76.00 | 39.05 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 5072.98 | 4643.05 | -2349.49 | -1479.53 | 95.17 | 2908.13 | 77.39 | 37.91 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 5160.45 | 4717.71 | -2304.85 | -1488.66 | 96.26 | 2876.24 | 78.93 | 36.76 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 5234.73 | 4781.54 | -2267.47 | -1495.37 | 97.19 | 2845.27 | 80.39 | 35.70 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 5300.41 | 4838.28 | -2234.86 | -1500.96 | 98.00 | 2815.58 | 81.81 | 34.71 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 5360.27 | 4890.17 | -2205.48 | -1506.15 | 98.75 | 2787.47 | 83.20 | 33.78 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 5410.69 | 4934.11 | -2181.14 | -1510.63 | 99.38 | 2761.12 | 84.54 | 32.93 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 5460.86 | 4978.15 | -2157.55 | -1515.13 | 100.00 | 2736.74 | 85.88 | 32.13 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 5543.95 | 5051.17 | -2118.66 | -1522.91 | 101.05 | 2713.87 | 87.47 | 31.27 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 5609.09 | 5108.16 | -2087.82 | -1529.51 | 101.89 | 2692.33 | 88.97 | 30.50 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 5665.38 | 5157.35 | -2061.15 | -1535.70 | 102.63 | 2672.55 | 90.40 | 29.79 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 5711.48 | 5197.99 | -2040.01 | -1540.80 | 103.22 | 2654.93 | 91.73 | 29.16 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 5761.46 | 5242.57 | -2018.08 | -1546.24 | 103.86 | 2639.56 | 93.07 | 28.57 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 5818.09 | 5293.38 | -1993.87 | -1552.57 | 104.57 | 2626.23 | 94.44 | 28.01 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5905.13 | 5371.83 | -1957.45 | -1562.27 | 105.66 | 2614.60 | 96.08 | 27.41 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5982.57 | 5441.98 | -1925.59 | -1570.13 | 106.62 | 2603.87 | 97.61 | 26.86 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 6046.78 | 5500.50 | -1899.96 | -1576.48 | 107.40 | 2594.77 | 98.99 | 26.39 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 6105.23 | 5554.52 | -1878.29 | -1581.76 | 108.08 | 2587.57 | 100.26 | 25.98 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 6176.64 | 5621.33 | -1853.76 | -1587.63 | 108.88 | 2582.11 | 101.60 | 25.59 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 6252.28 | 5692.20 | -1828.10 | -1593.99 | 109.72 | 2577.98 | 102.95 | 25.21 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 6323.04 | 5758.73 | -1804.74 | -1599.94 | 110.49 | 2575.23 | 104.24 | 24.87 | PASS | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 6374.70 | 5807.76 | -1789.03 | -1604.16 | 111.03 | 2574.33 | 105.29 | 24.61 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP

| Facility: SEC.12-T05N-R67W Slot: SLOT#02 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD) Well: EX. SHEEP 2-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 6448.49 | 5878.60 | -1769.22 | -1609.86 | 111.75 | 2575.38 | 106.48 | 24.34 | PASS | |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 6552.58 | 5978.95 | -1742.46 | -1616.81 | 112.74 | 2576.84 | 107.86 | 24.04 | PASS | |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 6640.11 | 6064.02 | -1722.35 | -1621.32 | 113.51 | 2578.87 | 109.04 | 23.80 | PASS | |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6716.93 | 6139.11 | -1706.50 | -1624.71 | 114.14 | 2581.79 | 110.09 | 23.60 | PASS | |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6783.53 | 6204.63 | -1694.90 | -1627.34 | 114.65 | 2586.08 | 111.01 | 23.44 | PASS | |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6854.51 | 6274.83 | -1684.70 | -1629.93 | 115.14 | 2591.71 | 111.89 | 23.30 | PASS | |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6958.68 | 6378.31 | -1673.23 | -1632.82 | 115.79 | 2598.19 | 112.89 | 23.15 | PASS | |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 7079.52 | 6498.87 | -1665.07 | -1632.72 | 116.40 | 2603.92 | 113.84 | 23.01 | PASS | |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 7080.70 | 6500.04 | -1665.01 | -1632.71 | 116.41 | 2604.04 | 113.86 | 23.01 | PASS | |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 7134.16 | 6553.48 | -1663.32 | -1632.21 | 63.42 | 2603.36 | 114.47 | 22.88 | PASS | |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 7368.22 | 6786.90 | -1665.75 | -1621.87 | 16.01 | 2586.78 | 115.52 | 22.53 | PASS | |
| 6820.00† | 6718.17 | -725.11 | 752.68 | 7372.52 | 6791.17 | -1666.16 | -1621.49 | -0.59 | 2554.97 | 116.37 | 22.08 | PASS | |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 7376.64 | 6795.26 | -1666.65 | -1621.24 | -8.63 | 2512.91 | 117.06 | 21.58 | PASS | |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -21.55 | 2451.32 | 116.33 | 21.19 | PASS | |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -28.93 | 2380.03 | 117.02 | 20.46 | PASS | |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -37.67 | 2302.50 | 117.56 | 19.70 | PASS | |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -48.73 | 2220.10 | 118.00 | 18.92 | PASS | |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -62.59 | 2134.41 | 118.38 | 18.13 | PASS | |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -78.45 | 2047.26 | 118.76 | 17.34 | PASS | |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1968.61 | 119.14 | 16.62 | PASS | |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1960.74 | 119.18 | 16.54 | PASS | |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1875.89 | 119.76 | 15.75 | PASS | |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1792.60 | 120.57 | 14.95 | PASS | |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1711.10 | 121.63 | 14.14 | PASS | |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1631.66 | 122.99 | 13.34 | PASS | |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1554.59 | 124.68 | 12.53 | PASS | |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1480.27 | 126.71 | 11.74 | PASS | |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1409.13 | 129.10 | 10.97 | PASS | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7880.00 | 7195.03 | -1812.86 | -1526.84 | -92.64 | 1341.67 | 131.87 | 10.22 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7400.49 | 6818.62 | -1671.13 | -1622.06 | -69.26 | 1275.28 | 129.33 | 9.91 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|--|-----------------|-------------------|------------------|----------------------|--|--|---------------------|---------------|-----------|
| Facility: SEC.12-T05N-R67W | | | | Slot: SLOT#02 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD) | | | | Well: EX. SHEEP 2-12 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | | | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio |
| 8620.00† | 7146.96 | -793.58 | -857.71 | 7401.58 | 6819.66 | -1671.40 | -1622.19 | | | -69.33 | 1209.18 | 131.92 | 9.21 |
| 8720.00† | 7147.16 | -794.42 | -957.71 | 7402.80 | 6820.84 | -1671.71 | -1622.34 | | | -69.40 | 1147.98 | 134.77 | 8.56 |
| 8820.00† | 7147.35 | -795.26 | -1057.71 | 7404.19 | 6822.17 | -1672.08 | -1622.53 | | | -69.49 | 1092.51 | 137.81 | 7.96 |
| 8920.00† | 7147.54 | -796.10 | -1157.70 | 7405.79 | 6823.69 | -1672.50 | -1622.76 | | | -69.58 | 1043.67 | 140.97 | 7.44 |
| 9020.00† | 7147.74 | -796.94 | -1257.70 | 7407.65 | 6825.46 | -1673.02 | -1623.05 | | | -69.69 | 1002.42 | 144.13 | 6.98 |
| 9120.00† | 7147.93 | -797.79 | -1357.70 | 7409.83 | 6827.52 | -1673.64 | -1623.42 | | | -69.83 | 969.74 | 147.20 | 6.61 |
| 9220.00† | 7148.13 | -798.63 | -1457.69 | 7412.43 | 6829.95 | -1674.41 | -1623.91 | | | -69.98 | 946.50 | 150.12 | 6.33 |
| 9320.00† | 7148.32 | -799.47 | -1557.69 | 7415.57 | 6832.86 | -1675.38 | -1624.55 | | | -70.17 | 933.39 | 152.88 | 6.13 |
| 9393.66† | 7148.46 | -800.09 | -1631.35 | 7418.54 | 6835.60 | -1676.34 | -1625.21 | | | -70.35 | 930.45 | 154.85 | 6.03 |
| 9420.00† | 7148.52 | -800.31 | -1657.68 | 7419.43 | 6836.41 | -1676.64 | -1625.42 | | | -70.40 | 930.81 | 155.52 | 6.01 |
| 9520.00† | 7148.71 | -801.15 | -1757.68 | 7424.29 | 6840.80 | -1678.31 | -1626.66 | | | -70.69 | 938.82 | 158.10 | 5.96 |
| 9539.49† | 7148.75 | -801.31 | -1777.17 | 7425.39 | 6841.78 | -1678.70 | -1626.96 | | | -70.76 | 941.59 | 158.60 | 5.96 |
| 9620.00† | 7148.90 | -801.99 | -1857.68 | 7430.56 | 6846.34 | -1680.62 | -1628.48 | | | -71.06 | 957.11 | 160.63 | 5.98 |
| 9720.00† | 7149.10 | -802.83 | -1957.67 | 7438.91 | 6853.47 | -1683.94 | -1631.29 | | | -71.54 | 985.02 | 163.07 | 6.06 |

C-C Clearance Distance Cutoff: 1000.00 ft

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP | | | |
|--|------------|---------|----------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical |
| | | | 1.000ft |
| | | | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP | | | |
|--|-------------|-------------------------------|---|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment |
| 0.00 | 7830.00 | ISOWSA MWD, Rev. 4 (Standard) | MULTI SHOT SURVEYS PROVIDED BY SRC <805-7830> |
| 7830.00 | 7880.00 | Blind Drilling (std) | Projection to bit |
| | | | Wellbore |
| | | | EX. SHEEP 2-12 AWB |
| | | | EX. SHEEP 2-12 AWB |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHEEP 2-12 AWB Offset Wellpath: EX. SHEEP 2-12 AWP | |
|--|---|
| MD Reference: Rig on SLOT#02 EX. SHEEP 2-12 (2297'FSL & 1448'FEL, PR/NB-CD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHURVIEW USX N 03-08D AWB Offset Wellpath: EX. SHURVIEW USX N 03-08D AWP

| Facility: SEC.03-T05N-R67W | | | | Slot: SLOT#05 EX. SHURVIEW USX N 03-08D (2130'FNL & 1940'FEL, NB-CD/SI) | | | Well: EX. SHURVIEW USX N 03-08D | | Threshold Value=1.00 | | † = interpolated/extrapolated station | |
|----------------------------|--------------|----------------|---------------|---|-----------------|-------------------|---------------------------------|-------------------------|----------------------|---------------|---------------------------------------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 3045.90 | 2977.83 | 2590.15 | -10808.36 | -76.52 | 11501.23 | 54.83 | 213.48 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHURVIEW USX N 03-08D AWB Offset Wellpath: EX. SHURVIEW USX N 03-08D AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SHURVIEW USX N 03-08D AWB Offset Wellpath: EX. SHURVIEW USX N 03-08D AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|--|-------------------------------|
| 0.00 | 7523.00 | ISCWSA MWD, Rev. 4 (Standard) | DIRECTIONAL SURVEYS PROVIDED BY SRC <374-7523> | EX. SHURVIEW USX N 03-08D AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHURVIEW USX N 03-08D AWB Offset Wellpath: EX. SHURVIEW USX N 03-08D AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#05 EX. SHURVIEW USX N 03-08D (2130'FNL & 1940'FEL, NB-CD/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: BOOMERANG 34N-6C-M PWB Offset Wellpath: BOOMERANG 34N-6C-M PWP

| Facility: SEC.05-T05N-R66W Slot: SLOT#12 BOOMERANG 34N-6C-M (1511'FNL & 2327'FWL, SEC.05) Well: BOOMERANG 34N-6C-M Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 15521.99 | 7050.74 | 1889.09 | 425.66 | 12.70 | 7292.54 | 147.08 | 49.90 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BOOMERANG 34N-6C-M PWB Offset Wellpath: BOOMERANG 34N-6C-M PWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: BOOMERANG 34N-6C-M PWB Offset Wellpath: BOOMERANG 34N-6C-M PWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|---|------------------------|
| 0.00 | 15521.99 | ISCWSA MWD, Rev. 4 (Standard) | MWD PWP SURVEYS FROM COGCC <100-15521.99> | BOOMERANG 34N-6C-M PWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: BOOMERANG 34N-6C-M PWB Offset Wellpath: BOOMERANG 34N-6C-M PWP

| | |
|--|---|
| MD Reference: Rig on SLOT#12 BOOMERANG 34N-6C-M (1511'FNL & 2327'FWL, SEC.05) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. HERTZKE N 1-7 AWB Offset Wellpath: EX. HERTZKE N 1-7 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#04 EX. HERTZKE N 1-7 (2072'FNL & 1816'FEL, CODL/SI) Well: EX. HERTZKE N 1-7 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | -6.00 | 20.00 | 2416.97 | -1543.70 | -32.57 | 2867.88 | 25.57 | 116.53 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HERTZKE N 1-7 AWB Offset Wellpath: EX. HERTZKE N 1-7 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. HERTZKE N 1-7 AWB Offset Wellpath: EX. HERTZKE N 1-7 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|--|--|-----------------------|
| 0.00 | 7301.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7301> | EX. HERTZKE N 1-7 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HERTZKE N 1-7 AWB Offset Wellpath: EX. HERTZKE N 1-7 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#04 EX. HERTZKE N 1-7 (2072'FNL & 1816'FEL, CODL/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHUR VIEW 20-3 AWB Offset Wellpath: EX. SHUR VIEW 20-3 AWP

| Facility: SEC.03-T05N-R67W Slot: SLOT#08 EX. SHUR VIEW 20-3 (1317'FSL & 1498'FEL, SI/NB-CD) Well: EX. SHUR VIEW 20-3 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | -13.00 | 20.00 | 282.45 | -11406.30 | -88.58 | 11409.79 | 25.57 | 463.74 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHUR VIEW 20-3 AWB Offset Wellpath: EX. SHUR VIEW 20-3 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SHUR VIEW 20-3 AWB Offset Wellpath: EX. SHUR VIEW 20-3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|---|------------------------|
| 0.00 | 7305.00 | ISCWSA MWD, Rev. 4 (Standard) | MWD SURVEYS PROVIDED BY SRC <14'-7305'> | EX. SHUR VIEW 20-3 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHUR VIEW 20-3 AWB Offset Wellpath: EX. SHUR VIEW 20-3 AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#08 EX. SHUR VIEW 20-3 (1317'FSL & 1498'FEL, SI/NB-CD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. DETIENNE 1-12AWB Offset Wellpath: EX. DETIENNE 1-12AWP

| Facility: SEC.12-T05N-R67W | | | | Slot: SLOT#01 EX. DETIENNE 1-12 (1960'FNL & 604'FEL, PR/NB-CD) | | Well: EX. DETIENNE 1-12 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | | |
|----------------------------|-----------------|-------------------|------------------|--|--------------------|-------------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 25.94 | 18.94 | -2904.29 | -286.27 | -174.37 | 2918.36 | 50.17 | 59.29 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 118.88 | 111.88 | -2904.42 | -286.41 | -174.37 | 2918.52 | 50.18 | 59.28 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 211.83 | 204.82 | -2904.76 | -286.77 | -174.36 | 2918.92 | 50.20 | 59.26 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 313.63 | 306.62 | -2905.17 | -287.68 | -174.35 | 2919.41 | 50.25 | 59.22 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 415.62 | 408.60 | -2905.43 | -289.40 | -174.31 | 2919.83 | 50.30 | 59.16 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 510.91 | 503.86 | -2905.60 | -291.74 | -174.27 | 2920.26 | 50.37 | 59.08 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 601.02 | 593.93 | -2905.98 | -294.49 | -174.21 | 2920.98 | 50.46 | 59.00 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 691.09 | 683.94 | -2906.61 | -297.77 | -174.15 | 2922.04 | 50.54 | 58.92 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 718.11 | 710.93 | -2906.84 | -298.86 | -174.13 | 2922.43 | 50.57 | 58.89 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 1650.63 | 1629.43 | -2778.99 | -330.82 | 55.74 | 2912.85 | 50.19 | 59.15 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 1737.83 | 1713.24 | -2754.96 | -329.34 | 56.36 | 2883.02 | 50.44 | 58.25 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 1922.92 | 1890.45 | -2701.75 | -324.83 | 57.25 | 2850.31 | 50.50 | 57.52 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 2011.17 | 1974.50 | -2675.03 | -321.72 | 58.10 | 2814.06 | 50.79 | 56.46 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 2087.29 | 2047.08 | -2652.26 | -318.95 | 59.02 | 2776.46 | 51.11 | 55.35 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 2148.54 | 2105.57 | -2634.16 | -317.01 | 59.79 | 2747.65 | 51.34 | 54.53 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 2170.06 | 2126.11 | -2627.81 | -316.44 | 59.88 | 2737.75 | 51.41 | 54.25 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 2245.40 | 2198.12 | -2605.68 | -314.80 | 60.21 | 2698.98 | 51.74 | 53.14 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 2321.19 | 2270.71 | -2583.96 | -313.18 | 60.54 | 2660.96 | 52.07 | 52.05 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 2407.89 | 2353.80 | -2559.26 | -311.53 | 60.94 | 2623.28 | 52.40 | 50.98 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 2483.15 | 2426.03 | -2538.21 | -309.57 | 61.28 | 2586.11 | 52.76 | 49.91 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 2556.27 | 2496.35 | -2518.26 | -307.50 | 61.62 | 2549.67 | 52.86 | 48.88 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 2798.91 | 2727.71 | -2445.64 | -301.04 | 62.82 | 2510.81 | 52.91 | 48.09 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 2858.68 | 2784.26 | -2426.41 | -299.30 | 63.13 | 2470.05 | 53.31 | 46.94 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 2922.31 | 2844.71 | -2406.60 | -297.68 | 63.47 | 2430.47 | 53.73 | 45.83 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2992.52 | 2911.60 | -2385.30 | -296.56 | 63.87 | 2391.94 | 54.15 | 44.75 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 3070.90 | 2986.34 | -2361.71 | -296.51 | 64.36 | 2354.12 | 54.58 | 43.69 | PASS | |
| 2420.00† | 2396.45 | -174.78 | 198.23 | 3146.25 | 3058.29 | -2339.33 | -297.08 | 64.86 | 2317.03 | 55.03 | 42.64 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 3202.34 | 3112.01 | -2323.18 | -297.66 | 65.23 | 2281.09 | 55.53 | 41.60 | PASS | |
| 2620.00† | 2592.85 | -199.77 | 226.58 | 3259.53 | 3167.03 | -2307.61 | -298.33 | 65.62 | 2246.82 | 56.03 | 40.60 | PASS | |
| 2720.00† | 2691.04 | -212.27 | 240.76 | 3330.49 | 3235.52 | -2289.08 | -299.23 | 66.11 | 2213.86 | 56.54 | 39.64 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|---------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83, TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. DETIENNE 1-12AWB Offset Wellpath: EX. DETIENNE 1-12AWP

| Facility: SEC.12-T05N-R67W Slot: SLOT#01 EX. DETIENNE 1-12 (1960'FNL & 604'FEL, PR/NB-CD) Well: EX. DETIENNE 1-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 2820.00† | 2789.24 | -224.77 | 254.93 | 3408.49 | 3310.99 | -2269.35 | -300.13 | 66.65 | 2181.88 | 57.06 | 38.71 | PASS | |
| 2920.00† | 2887.44 | -237.27 | 269.10 | 3482.67 | 3382.88 | -2251.13 | -300.67 | 67.17 | 2150.75 | 57.60 | 37.79 | PASS | |
| 3020.00† | 2985.64 | -249.76 | 283.28 | 3552.52 | 3450.77 | -2234.68 | -301.11 | 67.66 | 2120.79 | 58.16 | 36.91 | PASS | |
| 3120.00† | 3083.84 | -262.26 | 297.45 | 3619.92 | 3516.49 | -2219.69 | -301.19 | 68.12 | 2092.15 | 58.72 | 36.05 | PASS | |
| 3220.00† | 3182.03 | -274.76 | 311.63 | 3701.24 | 3595.97 | -2202.53 | -301.04 | 68.68 | 2064.70 | 59.30 | 35.23 | PASS | |
| 3320.00† | 3280.23 | -287.26 | 325.80 | 3956.17 | 3842.39 | -2137.57 | -302.26 | 70.66 | 2033.26 | 59.86 | 34.36 | PASS | |
| 3420.00† | 3378.43 | -299.75 | 339.98 | 4055.78 | 3937.53 | -2108.08 | -302.98 | 71.53 | 1999.00 | 60.51 | 33.41 | PASS | |
| 3520.00† | 3476.63 | -312.25 | 354.15 | 4117.19 | 3996.25 | -2090.13 | -303.33 | 72.07 | 1965.48 | 61.23 | 32.46 | PASS | |
| 3620.00† | 3574.83 | -324.75 | 368.33 | 4200.79 | 4076.59 | -2067.01 | -303.60 | 72.81 | 1933.58 | 61.94 | 31.57 | PASS | |
| 3720.00† | 3673.03 | -337.25 | 382.50 | 4306.05 | 4177.68 | -2037.65 | -303.12 | 73.75 | 1901.61 | 62.66 | 30.69 | PASS | |
| 3820.00† | 3771.22 | -349.74 | 396.68 | 4378.62 | 4247.28 | -2017.12 | -303.30 | 74.44 | 1869.96 | 63.43 | 29.80 | PASS | |
| 3920.00† | 3869.42 | -362.24 | 410.85 | 4472.70 | 4337.77 | -1991.38 | -303.48 | 75.34 | 1839.48 | 64.20 | 28.96 | PASS | |
| 4020.00† | 3967.62 | -374.74 | 425.02 | 4583.38 | 4443.91 | -1960.01 | -303.49 | 76.44 | 1808.49 | 64.99 | 28.12 | PASS | |
| 4120.00† | 4065.82 | -387.24 | 439.20 | 4669.40 | 4526.33 | -1935.37 | -303.47 | 77.33 | 1777.74 | 65.84 | 27.28 | PASS | |
| 4220.00† | 4164.02 | -399.73 | 453.37 | 4755.54 | 4608.90 | -1910.88 | -303.59 | 78.26 | 1747.70 | 66.71 | 26.47 | PASS | |
| 4320.00† | 4262.22 | -412.23 | 467.55 | 4841.78 | 4691.64 | -1886.52 | -303.85 | 79.21 | 1718.42 | 67.60 | 25.68 | PASS | |
| 4420.00† | 4360.41 | -424.73 | 481.72 | 4923.01 | 4769.63 | -1863.80 | -304.23 | 80.13 | 1690.00 | 68.52 | 24.91 | PASS | |
| 4520.00† | 4458.61 | -437.23 | 495.90 | 4999.84 | 4843.53 | -1842.79 | -304.85 | 81.02 | 1662.82 | 69.47 | 24.17 | PASS | |
| 4620.00† | 4556.81 | -449.72 | 510.07 | 5064.66 | 4906.08 | -1825.83 | -305.64 | 81.79 | 1637.39 | 70.44 | 23.47 | PASS | |
| 4720.00† | 4655.01 | -462.22 | 524.25 | 5130.85 | 4970.23 | -1809.56 | -306.68 | 82.57 | 1614.04 | 71.40 | 22.82 | PASS | |
| 4820.00† | 4753.21 | -474.72 | 538.42 | 5199.70 | 5037.28 | -1793.93 | -307.65 | 83.38 | 1592.75 | 72.37 | 22.22 | PASS | |
| 4920.00† | 4851.40 | -487.22 | 552.60 | 5275.21 | 5111.09 | -1778.06 | -308.42 | 84.24 | 1573.23 | 73.34 | 21.65 | PASS | |
| 5020.00† | 4949.60 | -499.72 | 566.77 | 5370.42 | 5204.37 | -1758.99 | -308.87 | 85.32 | 1554.81 | 74.34 | 21.11 | PASS | |
| 5120.00† | 5047.80 | -512.21 | 580.95 | 5450.64 | 5283.09 | -1743.57 | -308.74 | 86.22 | 1537.25 | 75.32 | 20.59 | PASS | |
| 5220.00† | 5146.00 | -524.71 | 595.12 | 5532.60 | 5363.76 | -1729.11 | -308.08 | 87.11 | 1521.10 | 76.31 | 20.11 | PASS | |
| 5320.00† | 5244.20 | -537.21 | 609.29 | 5618.85 | 5448.78 | -1714.61 | -307.34 | 88.05 | 1506.10 | 77.30 | 19.66 | PASS | |
| 5420.00† | 5342.40 | -549.71 | 623.47 | 5705.70 | 5534.53 | -1700.87 | -306.19 | 88.97 | 1492.10 | 78.29 | 19.22 | PASS | |
| 5520.00† | 5440.59 | -562.20 | 637.64 | 5785.26 | 5613.19 | -1688.97 | -305.35 | 89.82 | 1479.40 | 79.27 | 18.82 | PASS | |
| 5620.00† | 5538.79 | -574.70 | 651.82 | 5853.46 | 5680.75 | -1679.62 | -305.13 | 90.55 | 1468.58 | 80.22 | 18.46 | PASS | |
| 5720.00† | 5636.99 | -587.20 | 665.99 | 5926.72 | 5753.50 | -1671.01 | -305.27 | 91.32 | 1459.99 | 81.15 | 18.14 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. DETIENNE 1-12AWB Offset Wellpath: EX. DETIENNE 1-12AWP

| Facility: SEC.12-T05N-R67W Slot: SLOT#01 EX. DETIENNE 1-12 (1960'FNL & 604'FEL, PR/NB-CD) Well: EX. DETIENNE 1-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 5820.00† | 5735.19 | -599.70 | 680.17 | 6004.69 | 5831.07 | -1663.17 | -305.46 | 92.11 | 1453.14 | 82.09 | 17.85 | PASS |
| 5920.00† | 5833.39 | -612.19 | 694.34 | 6082.14 | 5908.24 | -1656.58 | -305.81 | 92.88 | 1447.99 | 83.00 | 17.59 | PASS |
| 6020.00† | 5931.58 | -624.69 | 708.52 | 6166.16 | 5992.04 | -1650.56 | -306.60 | 93.69 | 1444.48 | 83.92 | 17.35 | PASS |
| 6120.00† | 6029.78 | -637.19 | 722.69 | 6266.65 | 6092.33 | -1644.24 | -306.84 | 94.62 | 1441.53 | 84.92 | 17.11 | PASS |
| 6220.00† | 6127.98 | -649.69 | 736.87 | 6349.02 | 6174.60 | -1640.10 | -306.50 | 95.35 | 1439.35 | 85.81 | 16.91 | PASS |
| 6320.00† | 6226.18 | -662.18 | 751.04 | 6430.31 | 6255.84 | -1637.37 | -306.08 | 96.02 | 1438.53 | 86.67 | 16.73 | PASS |
| 6420.00† | 6324.38 | -674.68 | 765.21 | 6510.08 | 6335.59 | -1635.71 | -306.06 | 96.67 | 1439.21 | 87.50 | 16.57 | PASS |
| 6520.00† | 6422.58 | -687.18 | 779.39 | 6604.03 | 6429.53 | -1634.67 | -306.26 | 97.40 | 1440.98 | 88.40 | 16.42 | PASS |
| 6522.18 | 6424.71 | -687.45 | 779.70 | 6606.12 | 6431.62 | -1634.66 | -306.26 | 97.42 | 1441.02 | 88.42 | 16.42 | PASS |
| 6620.00† | 6521.44 | -699.82 | 786.08 | 6702.52 | 6528.01 | -1634.14 | -306.14 | 44.59 | 1437.34 | 89.26 | 16.22 | PASS |
| 6720.00† | 6620.12 | -712.57 | 777.11 | 6801.21 | 6626.71 | -1633.86 | -305.75 | -3.35 | 1421.76 | 90.07 | 15.90 | PASS |
| 6820.00† | 6716.17 | -725.11 | 752.68 | 6894.83 | 6720.32 | -1634.01 | -305.16 | -20.77 | 1394.68 | 90.85 | 15.46 | PASS |
| 6920.00† | 6807.23 | -737.12 | 713.40 | 6985.86 | 6811.35 | -1634.47 | -304.39 | -30.50 | 1356.89 | 91.64 | 14.91 | PASS |
| 7020.00† | 6891.06 | -748.33 | 660.23 | 7069.69 | 6895.18 | -1635.03 | -303.55 | -38.73 | 1309.63 | 92.35 | 14.28 | PASS |
| 7120.00† | 6965.59 | -758.44 | 594.49 | 7144.06 | 6969.54 | -1635.56 | -302.71 | -47.33 | 1254.73 | 93.00 | 13.59 | PASS |
| 7220.00† | 7029.00 | -767.21 | 517.80 | 7205.74 | 7031.21 | -1636.03 | -302.01 | -56.74 | 1194.55 | 93.62 | 12.85 | PASS |
| 7320.00† | 7079.71 | -774.42 | 432.03 | 7254.76 | 7080.23 | -1636.41 | -301.51 | -66.71 | 1131.86 | 94.33 | 12.08 | PASS |
| 7420.00† | 7116.48 | -779.90 | 339.31 | 7290.29 | 7115.76 | -1636.68 | -301.17 | -76.29 | 1069.72 | 95.22 | 11.31 | PASS |
| 7520.00† | 7138.41 | -783.51 | 241.92 | 7311.42 | 7136.89 | -1636.84 | -300.98 | -84.39 | 1011.39 | 96.39 | 10.56 | PASS |
| 7610.81 | 7145.00 | -785.10 | 151.44 | 7317.27 | 7142.73 | -1636.89 | -300.93 | -89.79 | 964.46 | 97.75 | 9.93 | PASS |
| 7620.00† | 7145.02 | -785.17 | 142.25 | 7317.21 | 7142.67 | -1636.88 | -300.93 | -89.78 | 960.12 | 97.90 | 9.87 | PASS |
| 7720.00† | 7145.21 | -786.01 | 42.25 | 7316.55 | 7142.01 | -1636.88 | -300.94 | -89.74 | 917.48 | 99.89 | 9.24 | PASS |
| 7820.00† | 7145.41 | -786.85 | -57.74 | 7315.88 | 7141.35 | -1636.88 | -300.94 | -89.69 | 884.14 | 102.43 | 8.68 | PASS |
| 7920.00† | 7145.60 | -787.70 | -157.74 | 7315.21 | 7140.68 | -1636.87 | -300.95 | -89.65 | 861.18 | 105.43 | 8.22 | PASS |
| 8020.00† | 7145.80 | -788.54 | -257.74 | 7314.54 | 7140.01 | -1636.87 | -300.96 | -89.60 | 849.45 | 108.72 | 7.86 | PASS |
| 8070.55† | 7145.89 | -788.96 | -308.28 | 7314.00 | 7139.47 | -1636.86 | -300.96 | -89.57 | 847.96 | 110.43 | 7.72 | PASS |
| 8120.00† | 7145.99 | -789.38 | -357.73 | 7313.87 | 7139.34 | -1636.86 | -300.96 | -89.56 | 849.41 | 112.06 | 7.62 | PASS |
| 8220.00† | 7146.18 | -790.22 | -457.73 | 7313.20 | 7138.66 | -1636.86 | -300.97 | -89.51 | 861.06 | 115.25 | 7.51 | PASS |
| 8259.35† | 7146.26 | -790.55 | -497.07 | 7312.93 | 7138.39 | -1636.85 | -300.97 | -89.49 | 868.76 | 116.43 | 7.50 | PASS |
| 8320.00† | 7146.38 | -791.06 | -557.73 | 7312.52 | 7137.98 | -1636.85 | -300.97 | -89.47 | 883.94 | 118.09 | 7.52 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. DETIENNE 1-12AWB Offset Wellpath: EX. DETIENNE 1-12AWP

| Facility: SEC.12-T05N-R67W Slot: SLOT#01 EX. DETIENNE 1-12 (1960'FNL & 604'FEL, PR/NB-CD) Well: EX. DETIENNE 1-12 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 8420.00† | 7146.57 | -791.90 | -657.72 | 7311.84 | 7137.30 | -1636.85 | -300.98 | -89.42 | 917.22 | 120.47 | 7.65 | PASS | |
| 8520.00† | 7146.77 | -792.74 | -757.72 | 7311.15 | 7136.62 | -1636.84 | -300.98 | -89.37 | 959.80 | 122.35 | 7.88 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. DETIENNE 1-12AWB Offset Wellpath: EX. DETIENNE 1-12AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. DETIENNE 1-12AWB Offset Wellpath: EX. DETIENNE 1-12AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|---|----------------------|
| 12.00 | 7439.00 | ISWWSA MWD, Rev. 4 (Standard) | STRATA DIRECTIONAL TECHNOLOGY, LLC SURVEYS PROVIDED BY SRC <214'-7439'> | EX. DETIENNE 1-12AWB |
| 7439.00 | 7484.00 | Blind Drilling (std) | Projection to bit | EX. DETIENNE 1-12AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. DETIENNE 1-12AWB Offset Wellpath: EX. DETIENNE 1-12AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#01 EX. DETIENNE 1-12 (1960'FNL & 604'FEL, PR/NB-CD) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 12.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. ROTH 1-14 AWB Offset Wellpath: EX. ROTH 1-14 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#06 EX. ROTH 1-14 (2257'FNL & 505'FEL, NB-CD/PR) Well: EX. ROTH 1-14 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | -20.00 | 50.00 | 2239.82 | -249.71 | -6.36 | 2253.90 | 25.56 | 91.58 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ROTH 1-14 AWB Offset Wellpath: EX. ROTH 1-14 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. ROTH 1-14 AWB Offset Wellpath: EX. ROTH 1-14 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|--|--|-------------------|
| 0.00 | 7250.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7250> | EX. ROTH 1-14 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ROTH 1-14 AWB Offset Wellpath: EX. ROTH 1-14 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#06 EX. ROTH 1-14 (2257'FNL & 505'FEL, NB-CD/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: BOOMERANG 34C-6-M PWB Offset Wellpath: BOOMERANG 34C-6-M PWP | | | | | | | | | | | | |
|--|--------------|---|---------------|-------------------------|-----------------|----------------------|------------------|---------------------------------------|---------------------|---------------|-----------|------------|
| Facility: SEC.05-T05N-R66W | | Slot: SLOT#10 BOOMERANG 34C-6-M (1496'FNL & 2327'FWL, SEC.05) | | Well: BOOMERANG 34C-6-M | | Threshold Value=1.00 | | † = interpolated/extrapolated station | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 15647.29 | 7178.16 | 2241.65 | 422.34 | 10.67 | 7512.83 | 155.93 | 48.47 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

| POSITIONAL UNCERTAINTY - Offset Wellbore: BOOMERANG 34C-6-M PWB Offset Wellpath: BOOMERANG 34C-6-M PWP | | | | |
|--|--|------------|---------|----------|
| Slot Surface Uncertainty @1SD | | Horizontal | 0.100ft | Vertical |
| Facility Surface Uncertainty @1SD | | Horizontal | 8.200ft | Vertical |
| | | | | 1.000ft |
| | | | | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: BOOMERANG 34C-6-M PWB Offset Wellpath: BOOMERANG 34C-6-M PWP | | | | |
|--|-------------|-------------------------------|---|-----------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 15647.29 | ISCSWA MWD, Rev. 4 (Standard) | MWD PWP SURVEYS FROM COGCC <100-15647.29> | BOOMERANG 34C-6-M PWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: BOOMERANG 34C-6-M PWB Offset Wellpath: BOOMERANG 34C-6-M PWP | |
|---|--|
| MD Reference: Rig on SLOT#10 BOOMERANG 34C-6-M (1496'FNL & 2327'FWL, SEC.05) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. SHURVIEW USX N 03-17D AWB Offset Wellpath: EX. SHURVIEW USX N 03-17D AWP

| Facility: SEC.03-T05N-R67W Slot: SLOT#06 EX. SHURVIEW USX N 03-17D (2085'FNL & 1928'FEL, NB-CD/SI) Well: EX. SHURVIEW USX N 03-17D Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 0.68 | 19.68 | 2581.28 | -11427.51 | -77.27 | 11715.41 | 50.17 | 238.08 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHURVIEW USX N 03-17D AWB Offset Wellpath: EX. SHURVIEW USX N 03-17D AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. SHURVIEW USX N 03-17D AWB Offset Wellpath: EX. SHURVIEW USX N 03-17D AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|--|-------------------------------|
| 0.00 | 7425.00 | ISCWSA MWD, Rev. 4 (Standard) | DIRECTIONAL SURVEYS PROVIDED BY SRC <343-7425> | EX. SHURVIEW USX N 03-17D AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHURVIEW USX N 03-17D AWB Offset Wellpath: EX. SHURVIEW USX N 03-17D AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#06 EX. SHURVIEW USX N 03-17D (2085'FNL & 1928'FEL, NB-CD/SI) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: Aufrecht N2-7 AWB Offset Wellpath: Aufrecht N2-7 AWP

| Facility: SEC.02-T5N-R67W Slot: Slot #3 Aufrecht N 2-7 Well: Aufrecht N 2-7 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 32.32 | 17.32 | 3821.78 | -6421.67 | -59.24 | 7472.88 | 50.14 | 151.82 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: Aufrecht N2-7 AWB Offset Wellpath: Aufrecht N2-7 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: Aufrecht N2-7 AWB Offset Wellpath: Aufrecht N2-7 AWP

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 12.25in Open Hole | 12.00 | 635.00 | 623.00 | -11.00 | 611.99 | 2330.27 | -3914.35 | 2330.58 | -3915.38 |
| 8.625in Casing Surface | 12.00 | 635.00 | 623.00 | -11.00 | 611.99 | 2330.27 | -3914.35 | 2330.58 | -3915.38 |
| 7.875in Open Hole | 12.00 | 7573.00 | 7561.00 | -11.00 | 7321.77 | 2330.27 | -3914.35 | 1910.84 | -3939.24 |

WELLPATH COMPOSITION - Offset Wellbore: Aufrecht N2-7 AWB Offset Wellpath: Aufrecht N2-7 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---------------------------------------|-------------------|-------------------|
| 12.00 | 7573.00 | BHI MTC (Collar, pre-2000) (Standard) | Log #1 <683-7573> | Aufrecht N2-7 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: Aufrecht N2-7 AWB Offset Wellpath: Aufrecht N2-7 AWP

| | |
|----------------------------------|---|
| MD Reference: Patterson 188 (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 12.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: Aufrecht N 2-8 AWB Offset Wellpath: Aufrecht N 2-8 AWP

| Facility: SEC.02-T5N-R67W Slot: Slot #4 Aufrecht N 2-8 Well: Aufrecht N 2-8 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 2843.04 | 2731.69 | 3414.31 | -6020.88 | -60.44 | 7433.83 | 53.39 | 141.57 | PASS |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: Aufrecht N 2-8 AWB Offset Wellpath: Aufrecht N 2-8 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: Aufrecht N 2-8 AWB Offset Wellpath: Aufrecht N 2-8 AWP

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 12.25in Open Hole | 12.00 | 634.00 | 622.00 | -11.00 | 610.99 | 2339.15 | -3914.35 | 2340.07 | -3914.04 |
| 8.625in Casing Surface | 12.00 | 634.00 | 622.00 | -11.00 | 610.99 | 2339.15 | -3914.35 | 2340.07 | -3914.04 |
| 7.875in Open Hole | 12.00 | 7660.00 | 7648.00 | -11.00 | 7307.20 | 2339.15 | -3914.35 | 1899.07 | -3504.95 |

WELLPATH COMPOSITION - Offset Wellbore: Aufrecht N 2-8 AWB Offset Wellpath: Aufrecht N 2-8 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---------------------------------------|-------------------|--------------------|
| 12.00 | 7660.00 | BHI MTC (Collar, pre-2000) (Standard) | Log #1 <634-7660> | Aufrecht N 2-8 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: Aufrecht N 2-8 AWB Offset Wellpath: Aufrecht N 2-8 AWP

| | |
|----------------------------------|---|
| MD Reference: Patterson 188 (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 12.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. GENESIS 9-2 AWB Offset Wellpath: EX. GENESIS 9-2 AWP

| Facility: SEC.01-T05N-R67W Slot: SLOT#05 EX. GENESIS 9-2 (656'FSL & 673'FEL, PR/JNBCD) Well: EX. GENESIS 9-2 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|---|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 7.08 | 20.08 | -295.80 | -389.25 | -127.23 | 488.89 | 50.17 | 9.92 | PASS | |
| 120.00† | 120.00 | 0.00 | 0.00 | 108.25 | 121.25 | -296.30 | -388.70 | -127.32 | 488.76 | 50.18 | 9.91 | PASS | |
| 220.00† | 220.00 | 0.00 | 0.00 | 209.36 | 222.36 | -295.51 | -388.83 | -127.24 | 488.38 | 50.20 | 9.90 | PASS | |
| 320.00† | 320.00 | 0.00 | 0.00 | 307.09 | 320.01 | -292.29 | -390.77 | -126.80 | 487.99 | 50.24 | 9.88 | PASS | |
| 363.70† | 363.70 | 0.00 | 0.00 | 348.60 | 361.45 | -290.38 | -392.31 | -126.51 | 488.09 | 50.26 | 9.88 | PASS | |
| 420.00† | 420.00 | 0.00 | 0.00 | 403.20 | 415.89 | -287.38 | -394.99 | -126.04 | 488.49 | 50.30 | 9.88 | PASS | |
| 520.00† | 520.00 | 0.00 | 0.00 | 501.10 | 513.27 | -279.83 | -401.65 | -124.87 | 489.56 | 50.36 | 9.89 | PASS | |
| 620.00† | 620.00 | 0.00 | 0.00 | 598.69 | 610.12 | -271.00 | -409.79 | -123.48 | 491.39 | 50.45 | 9.91 | PASS | |
| 720.00† | 720.00 | 0.00 | 0.00 | 706.03 | 716.48 | -259.89 | -418.90 | -121.82 | 492.98 | 50.56 | 9.92 | PASS | |
| 750.00 | 750.00 | 0.00 | 0.00 | 739.32 | 749.37 | -255.56 | -421.71 | -121.22 | 493.11 | 50.62 | 9.91 | PASS | |
| 820.00† | 819.99 | -0.57 | 0.64 | 809.14 | 818.13 | -245.11 | -427.81 | 108.87 | 493.33 | 50.73 | 9.89 | PASS | |
| 920.00† | 919.90 | -3.33 | 3.78 | 899.77 | 906.85 | -229.48 | -437.73 | 111.36 | 496.23 | 50.87 | 9.92 | PASS | |
| 1020.00† | 1019.60 | -8.41 | 9.54 | 980.11 | 984.94 | -214.43 | -449.06 | 113.97 | 503.94 | 50.96 | 10.06 | PASS | |
| 1120.00† | 1118.97 | -15.78 | 17.90 | 1063.75 | 1065.69 | -198.21 | -463.62 | 116.97 | 517.67 | 51.05 | 10.32 | PASS | |
| 1220.00† | 1217.89 | -25.44 | 28.85 | 1153.57 | 1152.00 | -179.76 | -480.25 | 120.39 | 536.04 | 51.20 | 10.65 | PASS | |
| 1294.64 | 1291.37 | -34.14 | 38.72 | 1221.93 | 1217.60 | -165.35 | -493.02 | 123.02 | 552.63 | 51.36 | 10.95 | PASS | |
| 1320.00† | 1316.27 | -37.31 | 42.31 | 1245.13 | 1239.89 | -160.52 | -497.29 | 124.00 | 558.73 | 51.41 | 11.06 | PASS | |
| 1420.00† | 1414.47 | -49.80 | 56.49 | 1330.12 | 1321.58 | -143.08 | -512.93 | 127.39 | 584.43 | 51.53 | 11.54 | PASS | |
| 1520.00† | 1512.66 | -62.30 | 70.66 | 1409.63 | 1397.87 | -127.11 | -528.63 | 130.32 | 613.62 | 51.58 | 12.10 | PASS | |
| 1620.00† | 1610.86 | -74.80 | 84.84 | 1502.90 | 1487.36 | -108.80 | -547.46 | 133.45 | 645.14 | 51.85 | 12.66 | PASS | |
| 1720.00† | 1709.06 | -87.30 | 99.01 | 1594.95 | 1575.90 | -91.14 | -565.45 | 136.23 | 677.68 | 52.11 | 13.23 | PASS | |
| 1820.00† | 1807.26 | -99.79 | 113.18 | 1686.77 | 1664.34 | -73.97 | -583.17 | 138.73 | 711.34 | 52.11 | 13.83 | PASS | |
| 1920.00† | 1905.46 | -112.29 | 127.36 | 1782.86 | 1757.02 | -56.06 | -601.10 | 141.11 | 745.55 | 52.40 | 14.41 | PASS | |
| 2020.00† | 2003.66 | -124.79 | 141.53 | 1867.39 | 1838.54 | -39.96 | -616.65 | 143.07 | 780.57 | 52.55 | 15.04 | PASS | |
| 2120.00† | 2101.85 | -137.29 | 155.71 | 1953.20 | 1921.02 | -22.89 | -633.05 | 144.94 | 817.27 | 52.74 | 15.69 | PASS | |
| 2220.00† | 2200.05 | -149.78 | 169.88 | 2049.21 | 2013.36 | -3.69 | -651.04 | 146.88 | 854.46 | 53.09 | 16.30 | PASS | |
| 2320.00† | 2298.25 | -162.28 | 184.06 | 2152.22 | 2112.62 | 17.09 | -669.10 | 148.81 | 891.35 | 53.55 | 16.85 | PASS | |
| 2420.00† | 2396.43 | -174.78 | 198.23 | 2239.34 | 2196.66 | 34.94 | -683.52 | 150.35 | 928.11 | 53.83 | 17.46 | PASS | |
| 2520.00† | 2494.65 | -187.28 | 212.41 | 2321.29 | 2275.63 | 51.46 | -697.91 | 151.66 | 966.25 | 54.05 | 18.10 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. GENESIS 9-2 AWB Offset Wellpath: EX. GENESIS 9-2 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. GENESIS 9-2 AWB Offset Wellpath: EX. GENESIS 9-2 AWP

| Start MD (ft) | End MD (ft) | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|-------------------------------|---|---------------------|
| 0.00 | 8015.00 | ISWWSA MWD, Rev. 4 (Standard) | DIRECTIONAL SURVEYS PROVIDED BY SRC <78'-8015'> | EX. GENESIS 9-2 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. GENESIS 9-2 AWB Offset Wellpath: EX. GENESIS 9-2 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#05 EX. GENESIS 9-2 (656'FSL & 673'FEL, PR/JNBCD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. SHURVIEW USX N 03-02D AWB Offset Wellpath: EX. SHURVIEW USX N 03-02D AWP | | | | | | | | | | | | |
|--|-----------------|---|------------------|-------------------|---------------------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------------------------|--------------|---------------|
| Facility: SEC.03-T05N-R67W | | Slot: SLOT#09 EX. SHURVIEW USX N 03-02D (2108'FNL & 1934'FEL, SI/NB-CD) | | | Well: EX. SHURVIEW USX N 03-02D | | | Threshold Value=1.00 | | † = interpolated/extrapolated station | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status |
| 20.00 | 20.00 | 0.00 | 0.00 | 2.19 | 20.19 | 2559.43 | -11438.65 | -77.39 | 11721.49 | 50.17 | 238.20 | PASS |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. SHURVIEW USX N 03-02D AWB Offset Wellpath: EX. SHURVIEW USX N 03-02D AWP | | | |
|--|--|------------|---------|
| Slot Surface Uncertainty @1SD | | Horizontal | 0.100ft |
| Facility Surface Uncertainty @1SD | | Horizontal | 8.200ft |
| | | Vertical | 1.000ft |
| | | Vertical | 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. SHURVIEW USX N 03-02D AWB Offset Wellpath: EX. SHURVIEW USX N 03-02D AWP | | | |
|--|----------------|-------------------------------|---|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment |
| 0.00 | 7530.00 | ISWWSA MWD, Rev. 4 (Standard) | ENSIGN DIRECTIONAL SURVEYS PROVIDED BY SRC <333'-7530'> |
| | | | Wellbore |
| | | | EX. SHURVIEW USX N 03-02D AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. SHURVIEW USX N 03-02D AWB Offset Wellpath: EX. SHURVIEW USX N 03-02D AWP | |
|---|---|
| MD Reference: Rig on SLOT#09 EX. SHURVIEW USX N 03-02D (2108'FNL & 1934'FEL, SI/NB-CD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
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| REFERENCE WELLPATH IDENTIFICATION | | | |
|-----------------------------------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

| CLEARANCE DATA - Offset Wellbore: EX. ROTH 1-15 AWB Offset Wellpath: EX. ROTH 1-15 AWP | | | | | | | | | | | | | |
|--|--------------|--|---------------|---------------------|-----------------|--|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Facility: SEC.01-T05N-R67W | | Slot: SLOT#07 EX. ROTH 1-15 (963'FNL & 978'FEL, CODL/PR) | | Well: EX. ROTH 1-15 | | Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | |
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | -20.00 | 22.00 | 3478.50 | -720.47 | -11.70 | 3552.33 | 25.57 | 144.35 | PASS | |
| C-C Clearance Distance Cutoff: 1000.00 ft | | | | | | | | | | | | | |

| POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ROTH 1-15 AWB Offset Wellpath: EX. ROTH 1-15 AWP | | | | |
|--|--|------------|---------|------------------|
| Slot Surface Uncertainty @1SD | | Horizontal | 0.100ft | Vertical 1.000ft |
| Facility Surface Uncertainty @1SD | | Horizontal | 8.200ft | Vertical 3.000ft |

| WELLPATH COMPOSITION - Offset Wellbore: EX. ROTH 1-15 AWB Offset Wellpath: EX. ROTH 1-15 AWP | | | | |
|--|-------------|--|--|-------------------|
| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
| 0.00 | 7336.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7336> | EX. ROTH 1-15 AWB |

| OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ROTH 1-15 AWB Offset Wellpath: EX. ROTH 1-15 AWP | |
|---|---|
| MD Reference: Rig on SLOT#07 EX. ROTH 1-15 (963'FNL & 978'FEL, CODL/PR) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |



Clearance Report

GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: Aufrecht N 2-1 AWB Offset Wellpath: Aufrecht N 2-1 AWP

| Facility: SEC.02-T5N-R67W | | | | | | | | | | | | | Slot: Slot #1 Aufrecht N 2-1 | | Well: Aufrecht N 2-1 | | Threshold Value=1.00 | | † = interpolated/extrapolated station | | |
|---------------------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|------------------------------|--|----------------------|--|----------------------|--|---------------------------------------|--|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | | | | | | | | | |
| 20.00 | 20.00 | 0.00 | 0.00 | 35.32 | 20.32 | 3865.50 | -6421.66 | -58.95 | 7495.32 | 50.14 | 152.28 | PASS | | | | | | | | | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: Aufrecht N 2-1 AWB Offset Wellpath: Aufrecht N 2-1 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

HOLE & CASING SECTIONS - Offset Wellbore: Aufrecht N 2-1 AWB Offset Wellpath: Aufrecht N 2-1 AWP

| String/Diameter | Start MD [ft] | End MD [ft] | Interval [ft] | Start TVD [ft] | End TVD [ft] | Start N/S [ft] | Start E/W [ft] | End N/S [ft] | End E/W [ft] |
|------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 12.25in Open Hole | 12.00 | 595.00 | 583.00 | -11.00 | 571.99 | 2356.92 | -3914.34 | 2357.64 | -3913.80 |
| 8.625in Casing Surface | 12.00 | 595.00 | 583.00 | -11.00 | 571.99 | 2356.92 | -3914.34 | 2357.64 | -3913.80 |
| 7.875in Open Hole | 12.00 | 7577.00 | 7565.00 | -11.00 | 7327.65 | 2356.92 | -3914.34 | 2369.19 | -3513.02 |

WELLPATH COMPOSITION - Offset Wellbore: Aufrecht N 2-1 AWB Offset Wellpath: Aufrecht N 2-1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---------------------------------------|------------------|--------------------|
| 12.00 | 7577.00 | BHI MTC (Collar, pre-2000) (Standard) | Log #1 MWD | Aufrecht N 2-1 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: Aufrecht N 2-1 AWB Offset Wellpath: Aufrecht N 2-1 AWP

| | |
|----------------------------------|---|
| MD Reference: Patterson 188 (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 12.00ft |



Clearance Report
GREELEY-ROTH 34C-2-L PWP (REV-A.1)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|--------------------------------|----------|--|
| Operator | SRC ENERGY | Slot | SLOT#24 GREELEY-ROTH 34C-2-L (943'FSL & 294'FEL, SEC.01) |
| Area | COLORADO | Well | GREELEY-ROTH 34C-2-L |
| Field | WELD COUNTY (NAD83,TRUE NORTH) | Wellbore | GREELEY-ROTH 34C-2-L PWB |
| Facility | SEC.01-T05N-R67W | | |

CLEARANCE DATA - Offset Wellbore: EX. UPRC 7-4H6 AWB Offset Wellpath: EX. UPRC 7-4H6 AWP

| Facility: SEC.07-T5N-R66W Slot: SLOT#02 EX. UPRC 7-4H6 (671'FNL & 646'FWL, PR/NB-CD) Well: EX. UPRC 7-4H6 Threshold Value=1.00 † = interpolated/extrapolated station | | | | | | | | | | | | | |
|--|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|--|
| Ref MD [ft] | Ref TVD [ft] | Ref North [ft] | Ref East [ft] | Offset MD [ft] | Offset TVD [ft] | Offset North [ft] | Offset East [ft] | Angle from Highside [°] | C-C Clear Dist [ft] | ACR MASD [ft] | Sep Ratio | ACR Status | |
| 20.00 | 20.00 | 0.00 | 0.00 | 11.57 | 20.57 | -1804.04 | 885.99 | 153.84 | 2009.86 | 50.17 | 40.83 | PASS | |

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. UPRC 7-4H6 AWB Offset Wellpath: EX. UPRC 7-4H6 AWP

| | | | | |
|-----------------------------------|------------|---------|----------|---------|
| Slot Surface Uncertainty @1SD | Horizontal | 0.100ft | Vertical | 1.000ft |
| Facility Surface Uncertainty @1SD | Horizontal | 8.200ft | Vertical | 3.000ft |

WELLPATH COMPOSITION - Offset Wellbore: EX. UPRC 7-4H6 AWB Offset Wellpath: EX. UPRC 7-4H6 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|---|--------------------|
| 0.00 | 7100.00 | BHI Generic gyro - continuous (Standard) | VES GYRO SURVEYS PROVIDED BY SRC <100'-7100'> | EX. UPRC 7-4H6 AWB |
| 7100.00 | 7342.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO TD FROM COGCC <7342'> | EX. UPRC 7-4H6 AWB |

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. UPRC 7-4H6 AWB Offset Wellpath: EX. UPRC 7-4H6 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#02 EX. UPRC 7-4H6 (671'FNL & 646'FWL, PR/NB-CD) (RT) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 0.00ft |