



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

REPORT SETUP INFORMATION

| | | | |
|---------------------|---|----------------------|---|
| Projection System | NAD83 / Lambert Colorado SP, Northern Zone (501), US feet | Software System | WellArchitect® 4.1.1 |
| North Reference | True | User | Ingmjmr |
| Scale | 0.999967 | Report Generated | 12/29/2015 at 8:40:49 AM |
| Convergence at slot | 0.40° East | Database/Source file | WA_DEN_Denver_Defn/SHOOK_3-10-3CDH_PWB_CR.xml |

WELLPATH LOCATION

| | Local coordinates | | Grid coordinates | | Geographic coordinates | |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|-----------------|
| | North[ft] | East[ft] | Easting[US ft] | Northing[US ft] | Latitude | Longitude |
| Slot Location | 0.00 | 89.66 | 3175568.41 | 1240633.11 | 39°59'31.992"N | 104°52'24.168"W |
| Facility Reference Pt | | | 3175478.75 | 1240632.48 | 39°59'31.992"N | 104°52'25.320"W |
| Field Reference Pt | | | 3175478.75 | 1240632.48 | 39°59'31.992"N | 104°52'25.320"W |

WELLPATH DATUM

| | | | |
|--------------------------|-------------------|---|-----------|
| Calculation method | Minimum Curvature | RIG (16'KB) (RKB) to Facility Vertical Datum | 5113.00ft |
| Horizontal Reference Pt | Slot | RIG (16'KB) (RKB) to Mean Sea Level | 5113.00ft |
| Vertical Reference Pt | RIG (16'KB) (RKB) | RIG (16'KB) (RKB) to Mud Line at Slot (SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03)) | 5113.00ft |
| MD Reference Pt | RIG (16'KB) (RKB) | | |
| Field Vertical Reference | Mean Sea Level | | |

POSITIONAL UNCERTAINTY CALCULATION SETTINGS

| | | | | | |
|-----------------------------------|------------------|------------------|---------|------------------------------|----------|
| Ellipse Confidence Limit | 3.00 Std Dev | Ellipse Start MD | 16.00ft | Surface Position Uncertainty | included |
| Declination | 8.42° East of TN | Dip Angle | 66.54° | Mag Field Strength | 52283 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

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 |
| Subtract Casing & Hole Size | yes | Apply Cone of Safety | no |



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| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

HOLE & CASING SECTIONS - Ref Wellbore: SHOOK 3-10-3CDH PWB Ref Wellpath: SHOOK 3-10-3CDH 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 | 16.00 | 800.00 | 784.00 | 16.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9.625in Casing Surface | 16.00 | 800.00 | 784.00 | 16.00 | 800.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8.5in Open Hole | 800.00 | 12971.86 | 12171.86 | 800.00 | 7835.00 | 0.00 | 0.00 | -6881.35 | -888.47 |
| 5.5in Casing Production | 16.00 | 12971.86 | 12955.86 | 16.00 | 7835.00 | 0.00 | 0.00 | -6881.35 | -888.47 |

SURVEY PROGRAM - Ref Wellbore: SHOOK 3-10-3CDH PWB Ref Wellpath: SHOOK 3-10-3CDH PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|------------------|----------------|---|------------------|---------------------|
| 16.00 | 12971.86 | Custom NaviTrak (Standard) (Rockies 0.03Gt model) | | SHOOK 3-10-3CDH PWB |



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SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CALCULATION RANGE & CUTOFF

| | | |
|------------------|-------------------|--------------------|
| From: 16.00ft MD | To: 12971.86ft MD | C-C Cutoff: (none) |
|------------------|-------------------|--------------------|

OFFSET WELL CLEARANCE SUMMARY (43 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.03-T1S-R67W | SLOT#06 SHOOK 3-10-2NBH (2058'FSL & 2214'FEL, SEC.03) | SHOOK 3-10-2NBH | SHOOK 3-10-2NBH PWB | SHOOK 3-10-2NBH PWP (REV-A.0) | 16.00 | 16.81 | 12971.86 | 12971.86 | 1.17 | 12971.86 | PASS |
| SEC.03-T1S-R67W | SLOT#04 SHOOK 3-10-2CDH (2058'FSL & 2244'FEL, SEC.03) | SHOOK 3-10-2CDH | SHOOK 3-10-2CDH PWB | SHOOK 3-10-2CDH PWP (REV-A.0) | 16.00 | 44.83 | 1716.00 | 12971.86 | 1.98 | 12971.86 | PASS |
| SEC.03-T1S-R67W | SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03) | SHOOK 3-10-1NAH | SHOOK 3-10-1NAH PWB | SHOOK 3-10-1NAH PWP (REV-A.0) | 16.00 | 30.82 | 1816.00 | 12971.86 | 2.01 | 12971.86 | PASS |
| SEC.03-T1S-R67W | SLOT#03 SHOOK 3-10-1NBH (2058'FSL & 2259'FEL, SEC.03) | SHOOK 3-10-1NBH | SHOOK 3-10-1NBH PWB | SHOOK 3-10-1NBH PWP (REV-A.0) | 16.00 | 61.64 | 12971.86 | 12971.86 | 2.76 | 12971.86 | PASS |
| SEC.34-T01N-R67W | SLOT#05 GRENEMYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) | GRENEMYER #35N-3HZ | GRENEMYER #35N-3HZ AWB | GRENEMYER #35N-3HZ AWP | 7960.17 | 727.77 | 7960.17 | 7925.10 | 2.91 | 7925.10 | PASS |
| SEC.03-T1S-R67W | SLOT#02 SHOOK 3-10-1NCH (2058'FSL & 2274'FEL, SEC.03) | SHOOK 3-10-1NCH | SHOOK 3-10-1NCH PWB | SHOOK 3-10-1NCH PWP (REV-A.0) | 16.00 | 75.65 | 1516.00 | 12971.86 | 3.33 | 12971.86 | PASS |
| SEC.03-T1S-R67W | SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) | SHOOK 3-10-1CDH | SHOOK 3-10-1CDH PWB | SHOOK 3-10-1CDH PWP (REV-A.0) | 16.00 | 89.66 | 1416.00 | 12971.86 | 3.96 | 12971.86 | PASS |
| SEC.34-T01N-R67W | SLOT#02 GRENEMYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) | GRENEMYER #14C-3HZ | GRENEMYER #14C-3HZ AWB | GRENEMYER #14C-3HZ AWP | 8016.00 | 592.41 | 8016.00 | 8005.41 | 4.25 | 8005.41 | PASS |
| SEC.34-T01N-R67W | SLOT#04 GRENEMYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) | GRENEMYER #35C-3HZ | GRENEMYER #35C-3HZ AWB | GRENEMYER #35C-3HZ AWP | 8083.50 | 1186.67 | 8083.50 | 8066.31 | 4.36 | 8066.31 | PASS |
| SEC.03-T01S-R67W | SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) | MOORE #3-1 | MOORE #3-1 AWB | MOORE #3-1 AWP | 5371.00 | 819.47 | 5371.00 | 5387.58 | 4.43 | 9416.00 | PASS |
| SEC.34-T01N-R67W | SLOT#01 GRENEMYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) | GRENEMYER #13N-3HZ | GRENEMYER #13N-3HZ AWB | GRENEMYER #13N-3HZ AWP | 8034.38 | 1536.13 | 8034.38 | 8034.38 | 4.76 | 8034.38 | PASS |
| SEC.10-T01S-R67W | SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) | L.W. MOORE GAS UNIT 1 | L.W. MOORE GAS UNIT 1 AWB | L.W. MOORE GAS UNIT 1 AWP | 9116.00 | 2811.83 | 9116.00 | 9566.42 | 5.38 | 9566.42 | PASS |
| SEC.03-T01S-R67W | SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03,PR) | SELTZER #23-3 | SELTZER #23-3 AWB | SELTZER #23-3 AWP | 5328.50 | 1221.71 | 5328.50 | 6540.67 | 5.74 | 6540.67 | PASS |
| SEC.03-T01S-R67W | SLOT#01 EX BLOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) | BIOW-MOORE 3-1 | BIOW-MOORE 3-1 AWB | BIOW-MOORE 3-1 AWP | 4441.00 | 1862.54 | 4441.00 | 5451.16 | 5.95 | 8816.00 | PASS |
| SEC.34-T01N-R67W | SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) | WAGNER #13C-3HZ | WAGNER #13C-3HZ AWB | WAGNER #13C-3HZ AWP | 8091.00 | 2001.26 | 8091.00 | 8103.81 | 7.45 | 8103.81 | PASS |
| SEC.03-T01S-R67W | SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03,PR) | WEIGANDT #43-3 | WEIGANDT #43-3 AWB | WEIGANDT #43-3 AWP | 16.00 | 1268.02 | 2100.00 | 4585.46 | 9.24 | 4585.46 | PASS |
| SEC.10-T01S-R67W | SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA,) | EHLER 10-5P | EHLER 10-5P AWB | EHLER 10-5P AWP | 12706.00 | 3676.63 | 12706.00 | 12971.86 | 10.87 | 12971.86 | PASS |
| SEC.10-T01S-R67W | SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) | BONACQUISTI 10-1 | BONACQUISTI 10-1 AWB | BONACQUISTI 10-1 AWP | 6206.00 | 3511.50 | 10116.00 | 6082.74 | 11.19 | 11116.00 | PASS |

| OFFSET WELL CLEARANCE SUMMARY (43 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.03-T01S-R67W | SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) | WEIGANDT JOHN H #A 1 | WEIGANDT JOHN H #A 1 AWB | WEIGANDT JOHN H #A 1 AWP | 116.00 | 1289.43 | 2100.00 | 2865.41 | 11.21 | 2865.41 | PASS |
| SEC.34-T01N-R67W | SLOT#03 GRENEMYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) | GRENEMYER #15N-3HZ | GRENEMYER #15N-3HZ AWB | GRENEMYER #15N-3HZ AWP | 7216.00 | 2005.48 | 7216.00 | 7457.15 | 11.50 | 7457.15 | PASS |
| SEC.03-T01S-R67W | SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03,PR) | SELTZER FARMS #A 4 | SELTZER FARMS #A 4 AWB | SELTZER FARMS #A 4 AWP | 16.00 | 1835.66 | 2100.00 | 6669.85 | 12.74 | 6669.85 | PASS |
| SEC.34-T01N-R67W | SLOT#06 GRENEMYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) | GRENEMYER #36C-3HZ | GRENEMYER #36C-3HZ AWB | GRENEMYER #36C-3HZ AWP | 7472.56 | 1892.70 | 7472.56 | 7667.09 | 13.40 | 7667.09 | PASS |
| SEC.10-T01S-R67W | SLOT#09 EX REED #10-3 (660'FNL & 660'FEL, SEC.10, PA) | REED #10-3 | REED #10-3 AWB | REED #10-3 AWP | 5677.25 | 2589.54 | 8816.00 | 5777.56 | 13.99 | 10016.00 | PASS |
| SEC.10-T01S-R67W | SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) | RIVERDALE FARMS #3 | RIVERDALE FARMS #3 AWB | RIVERDALE FARMS #3 AWP | 6321.00 | 2461.87 | 8816.00 | 6032.66 | 14.36 | 10716.00 | PASS |
| SEC.10-T01S-R67W | SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) | HI-LAND #10-G | HI-LAND #10-G AWB | HI-LAND #10-G AWP | 6211.00 | 2876.11 | 9316.00 | 6299.76 | 14.50 | 10116.00 | PASS |
| SEC.10-T01S-R67W | SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) | HI-LAND #10-B | HI-LAND #10-B AWB | HI-LAND #10-B AWP | 6093.50 | 2874.27 | 9316.00 | 6178.25 | 14.83 | 10216.00 | PASS |
| SEC.10-T01S-R67W | SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) | EHLER JOHN #1 | EHLER JOHN #1 AWB | EHLER JOHN #1 AWP | 12756.00 | 3070.84 | 12756.00 | 12971.86 | 15.35 | 12971.86 | PASS |
| SEC.10-T01S-R67W | SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) | EHLER JOHN #12 | EHLER JOHN #12 AWB | EHLER JOHN #12 AWP | 11358.50 | 3052.27 | 11358.50 | 12694.63 | 16.15 | 12694.63 | PASS |
| SEC.34-T01N-R67W | SLOT#07 GRENEMYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) | GRENEMYER #36N-3HZ | GRENEMYER #36N-3HZ AWB | GRENEMYER #36N-3HZ AWP | 7347.56 | 1651.26 | 7347.56 | 7187.56 | 16.24 | 7187.56 | PASS |
| SEC.03-T01S-R67W | SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) | SELTZER #3 | SELTZER #3 AWB | SELTZER #3 AWP | 16.00 | 2742.55 | 2100.00 | 5381.97 | 16.58 | 5381.97 | PASS |
| SEC.10-T01S-R67W | SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) | BUSCHMAN HAROLD #S-5 | BUSCHMAN HAROLD #S-5 | BUSCHMAN HAROLD #S-5 AWP | 6023.50 | 3168.02 | 9616.00 | 6133.65 | 16.84 | 10516.00 | PASS |
| SEC.10-T01S-R67W | SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) | RIVERDALE FARMS #2 | RIVERDALE FARMS #2 AWB | RIVERDALE FARMS #2 AWP | 10137.41 | 2695.11 | 10137.41 | 6198.89 | 16.99 | 12316.00 | PASS |
| SEC.10-T01S-R67W | SLOT#06 EX EHLER#10-4 (660'FSL & 1980'FEL, SEC.10, PA) | EHLER #10-4 | EHLER #10-4 AWB | EHLER #10-4 AWP | 12766.00 | 2901.53 | 12766.00 | 12971.86 | 17.90 | 12971.86 | PASS |
| SEC.03-T01S-R67W | SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03,PR) | JOHN WEIGANDT GAS UNIT #1 | JOHN WEIGANDT GAS UNIT #1 AWB | JOHN WEIGANDT GAS UNIT #1 AWP | 116.00 | 2206.53 | 2100.00 | 7961.17 | 17.96 | 7961.17 | PASS |
| SEC.10-T01S-R67W | SLOT#04 EX EHLER JOHN #13 (1980'FNL & 660'FWL, SEC.10, PA) | EHLER JOHN #13 | EHLER JOHN #13 AWB | EHLER JOHN #13 AWP | 10141.00 | 3095.13 | 10141.00 | 11738.33 | 18.22 | 11738.33 | PASS |
| SEC.34-T01N-R67W | SLOT#08 GRENEMYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) | GRENEMYER #37C-3HZ | GRENEMYER #37C-3HZ AWB | GRENEMYER #37C-3HZ AWP | 7318.50 | 2343.44 | 7318.50 | 7428.70 | 19.17 | 7428.70 | PASS |
| SEC.03-T01S-R67W | SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) | SELTZER FARMS A #1 | SELTZER FARMS A #1 AWB | SELTZER FARMS A #1 AWP | 116.00 | 2581.78 | 2100.00 | 5357.81 | 19.45 | 5357.81 | PASS |
| SEC.10-T01S-R67W | SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) | RIVERDALE FARMS #4 | RIVERDALE FARMS #4 AWB | RIVERDALE FARMS #4 AWP | 11741.00 | 2655.51 | 11741.00 | 9565.97 | 19.63 | 12971.86 | PASS |
| SEC.10-T01S-R67W | SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10,PA) | EHLER JOHN #5 | EHLER JOHN #5 AWB | EHLER JOHN #5 AWP | 12778.50 | 2619.38 | 12778.50 | 9565.97 | 19.77 | 12971.86 | PASS |
| SEC.10-T01S-R67W | SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) | EHLER #10-2 | EHLER #10-2 AWB | EHLER #10-2 AWP | 11441.00 | 2914.53 | 11441.00 | 9565.80 | 20.08 | 12516.00 | PASS |



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| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CALCULATION RANGE & CUTOFF

| | | |
|------------------|-------------------|--------------------|
| From: 16.00ft MD | To: 12971.86ft MD | C-C Cutoff: (none) |
|------------------|-------------------|--------------------|

OFFSET WELL CLEARANCE SUMMARY (43 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.03-T01S-R67W | SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) | JOHN WEIGANDT B#1 | JOHN WEIGANDT B#1 AWB | JOHN WEIGANDT B#1 AWP | 116.00 | 2442.58 | 2100.00 | 5370.99 | 20.45 | 5370.99 | PASS |
| SEC.03-T01S-R67W | SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) | SELTZER FARMS A #2 | SELTZER FARMS A #2 AWB | SELTZER FARMS A #2 AWP | 16.00 | 3420.71 | 2100.00 | 5329.26 | 21.95 | 5329.26 | PASS |
| SEC.34-T01N-R67W | SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) | WAGNER #34N-34HZ | WAGNER #34N-34HZ AWB | WAGNER #34N-34HZ AWP | 6391.00 | 5739.72 | 6391.00 | 9565.88 | 41.49 | 9565.88 | PASS |



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REFERENCE WELLPATH IDENTIFICATION

| | | | |
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| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#06 SHOOK 3-10-2NBH (2058'FSL & 2214'FEL, SEC.03) Well: SHOOK 3-10-2NBH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 16.00 | 16.00 | 0.00 | 0.00 | 16.00 | 16.00 | 0.00 | -16.81 | -90.00 | 16.81 | 1.56 | 26.41 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 116.00 | 116.00 | 0.00 | -16.81 | -90.00 | 16.81 | 1.88 | 17.31 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 216.00 | 216.00 | 0.00 | -16.81 | -90.00 | 16.81 | 2.44 | 10.71 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 316.00 | 316.00 | 0.00 | -16.81 | -90.00 | 16.81 | 3.04 | 7.62 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 416.00 | 416.00 | 0.00 | -16.81 | -90.00 | 16.81 | 3.66 | 5.88 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 516.00 | 516.00 | 0.00 | -16.81 | -90.00 | 16.81 | 4.28 | 4.78 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 616.00 | 616.00 | 0.00 | -16.81 | -90.00 | 16.81 | 4.90 | 4.03 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 716.00 | 716.00 | 0.00 | -16.81 | -90.00 | 16.81 | 5.52 | 3.48 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 816.00 | 816.00 | 0.00 | -16.81 | -90.00 | 16.81 | 5.77 | 3.13 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 916.00 | 916.00 | 0.00 | -16.81 | -90.00 | 16.81 | 6.39 | 2.79 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1016.00 | 1016.00 | 0.00 | -16.81 | -90.00 | 16.81 | 7.02 | 2.52 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1116.00 | 1116.00 | 0.00 | -16.81 | -90.00 | 16.81 | 7.65 | 2.30 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1216.00 | 1216.00 | 0.00 | -16.81 | -90.00 | 16.81 | 8.27 | 2.11 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1316.00 | 1316.00 | 0.00 | -16.81 | -90.00 | 16.81 | 8.90 | 1.95 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1416.00 | 1416.00 | 0.00 | -16.81 | -90.00 | 16.81 | 9.53 | 1.81 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1516.00 | 1516.00 | 0.00 | -16.81 | -90.00 | 16.81 | 10.15 | 1.70 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1616.00 | 1616.00 | 0.00 | -16.81 | -90.00 | 16.81 | 10.78 | 1.59 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1716.00 | 1716.00 | 0.00 | -16.81 | -90.00 | 16.81 | 11.41 | 1.50 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1816.00 | 1816.00 | 0.00 | -16.81 | -90.00 | 16.81 | 12.04 | 1.42 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1916.00 | 1916.00 | 0.00 | -16.81 | -90.00 | 16.81 | 12.66 | 1.34 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2015.95 | 2015.95 | -0.04 | -16.83 | -90.13 | 16.83 | 13.29 | 1.28 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2099.68 | 2099.66 | -1.52 | -17.65 | -94.92 | 17.72 | 13.83 | 1.29 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2115.61 | 2115.58 | -2.04 | -17.94 | 60.56 | 18.04 | 13.94 | 1.31 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2215.13 | 2214.93 | -7.07 | -20.71 | 52.94 | 20.42 | 14.68 | 1.41 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2314.52 | 2313.89 | -15.10 | -25.14 | 47.64 | 23.32 | 15.54 | 1.52 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2413.80 | 2412.36 | -26.12 | -31.22 | 44.13 | 26.58 | 16.40 | 1.64 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2512.95 | 2510.21 | -40.10 | -38.94 | 41.94 | 30.12 | 17.27 | 1.77 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2611.97 | 2607.33 | -57.01 | -48.27 | 40.70 | 33.89 | 18.14 | 1.90 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2710.88 | 2703.60 | -76.83 | -59.20 | 40.15 | 37.84 | 19.02 | 2.02 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2809.66 | 2798.92 | -99.51 | -71.72 | 40.10 | 41.97 | 19.92 | 2.14 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2908.31 | 2893.17 | -125.02 | -85.80 | 40.41 | 46.27 | 20.86 | 2.25 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 3006.85 | 2986.25 | -153.32 | -101.42 | 40.99 | 50.75 | 21.88 | 2.36 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3105.26 | 3078.04 | -184.37 | -118.55 | 41.76 | 55.39 | 23.00 | 2.44 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3203.55 | 3168.46 | -218.12 | -137.17 | 42.68 | 60.21 | 24.22 | 2.52 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3301.72 | 3257.39 | -254.51 | -157.25 | 43.69 | 65.22 | 25.60 | 2.58 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3306.50 | 3261.68 | -256.35 | -158.27 | 43.74 | 65.46 | 25.67 | 2.59 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#06 SHOOK 3-10-2NBH (2058'FSL & 2214'FEL, SEC.03) Well: SHOOK 3-10-2NBH 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3401.08 | 3346.31 | -293.33 | -178.67 | 44.42 | 70.83 | 27.06 | 2.65 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3500.91 | 3435.60 | -332.43 | -200.24 | 44.99 | 76.54 | 28.64 | 2.71 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3600.75 | 3524.89 | -371.52 | -221.82 | 45.48 | 82.27 | 30.30 | 2.75 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3700.58 | 3614.18 | -410.62 | -243.39 | 45.91 | 88.00 | 32.03 | 2.78 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3800.41 | 3703.47 | -449.72 | -264.97 | 46.28 | 93.73 | 33.82 | 2.80 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3900.25 | 3792.76 | -488.82 | -286.54 | 46.61 | 99.46 | 35.65 | 2.82 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 4000.08 | 3882.04 | -527.92 | -308.11 | 46.91 | 105.20 | 37.53 | 2.83 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 4099.92 | 3971.33 | -567.02 | -329.69 | 47.17 | 110.95 | 39.44 | 2.84 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4199.75 | 4060.62 | -606.12 | -351.26 | 47.41 | 116.69 | 41.39 | 2.85 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#06 SHOOK 3-10-2NBH (2058'FSL & 2214'FEL, SEC.03) Well: SHOOK 3-10-2NBH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4299.58 | 4149.91 | -645.22 | -372.84 | 47.63 | 122.44 | 43.36 | 2.85 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4399.42 | 4239.20 | -684.31 | -394.41 | 47.83 | 128.18 | 45.36 | 2.85 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4499.25 | 4328.49 | -723.41 | -415.99 | 48.01 | 133.93 | 47.37 | 2.85 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4599.09 | 4417.78 | -762.51 | -437.56 | 48.17 | 139.68 | 49.40 | 2.85 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4698.92 | 4507.07 | -801.61 | -459.14 | 48.32 | 145.43 | 51.45 | 2.85 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4798.75 | 4596.36 | -840.71 | -480.71 | 48.46 | 151.18 | 53.51 | 2.85 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4898.59 | 4685.65 | -879.81 | -502.29 | 48.59 | 156.94 | 55.59 | 2.84 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4998.42 | 4774.94 | -918.91 | -523.86 | 48.72 | 162.69 | 57.67 | 2.84 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 5098.25 | 4864.23 | -958.01 | -545.43 | 48.83 | 168.44 | 59.76 | 2.84 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5198.09 | 4953.52 | -997.10 | -567.01 | 48.93 | 174.20 | 61.87 | 2.83 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5297.92 | 5042.81 | -1036.20 | -588.58 | 49.03 | 179.95 | 63.98 | 2.83 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5397.76 | 5132.10 | -1075.30 | -610.16 | 49.12 | 185.71 | 66.10 | 2.83 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5497.59 | 5221.39 | -1114.40 | -631.73 | 49.21 | 191.47 | 68.22 | 2.82 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5597.42 | 5310.68 | -1153.50 | -653.31 | 49.29 | 197.22 | 70.35 | 2.82 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5697.26 | 5399.97 | -1192.60 | -674.88 | 49.37 | 202.98 | 72.49 | 2.81 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5797.09 | 5489.26 | -1231.70 | -696.46 | 49.44 | 208.74 | 74.63 | 2.81 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5896.92 | 5578.55 | -1270.80 | -718.03 | 49.51 | 214.50 | 76.77 | 2.81 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5996.76 | 5667.83 | -1309.89 | -739.60 | 49.58 | 220.25 | 78.92 | 2.80 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 6096.59 | 5757.12 | -1348.99 | -761.18 | 49.64 | 226.01 | 81.08 | 2.80 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 6196.43 | 5846.41 | -1388.09 | -782.75 | 49.70 | 231.77 | 83.23 | 2.80 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 6296.26 | 5935.70 | -1427.19 | -804.33 | 49.76 | 237.53 | 85.39 | 2.79 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6396.09 | 6024.99 | -1466.29 | -825.90 | 49.81 | 243.29 | 87.56 | 2.79 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6495.93 | 6114.28 | -1505.39 | -847.48 | 49.86 | 249.05 | 89.72 | 2.79 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6595.76 | 6203.57 | -1544.49 | -869.05 | 49.91 | 254.81 | 91.89 | 2.78 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6695.59 | 6292.86 | -1583.59 | -890.63 | 49.96 | 260.57 | 94.06 | 2.78 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6795.43 | 6382.15 | -1622.68 | -912.20 | 50.00 | 266.33 | 96.23 | 2.78 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6895.26 | 6471.44 | -1661.78 | -933.77 | 50.04 | 272.09 | 98.41 | 2.78 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6995.10 | 6560.73 | -1700.88 | -955.35 | 50.08 | 277.85 | 100.58 | 2.77 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 7094.93 | 6650.02 | -1739.98 | -976.92 | 50.12 | 283.61 | 102.76 | 2.77 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 7194.76 | 6739.31 | -1779.08 | -998.50 | 50.16 | 289.37 | 104.94 | 2.77 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 7294.60 | 6828.60 | -1818.18 | -1020.07 | 50.20 | 295.13 | 107.12 | 2.76 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 7394.43 | 6917.89 | -1857.28 | -1041.65 | 50.23 | 300.89 | 109.31 | 2.76 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7494.26 | 7007.18 | -1896.38 | -1063.22 | 50.26 | 306.65 | 111.49 | 2.76 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7594.10 | 7096.47 | -1935.47 | -1084.80 | 50.30 | 312.41 | 113.68 | 2.76 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7693.93 | 7185.76 | -1974.57 | -1106.37 | 50.33 | 318.17 | 115.86 | 2.75 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7787.73 | 7268.87 | -2013.05 | -1126.44 | 50.03 | 324.42 | 117.55 | 2.77 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#06 SHOOK 3-10-2NBH (2058'FSL & 2214'FEL, SEC.03) Well: SHOOK 3-10-2NBH 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7873.79 | 7339.73 | -2058.67 | -1143.49 | 47.80 | 334.11 | 116.57 | 2.88 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7889.07 | 7351.58 | -2067.89 | -1146.33 | 47.19 | 336.42 | 116.16 | 2.91 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7955.51 | 7400.17 | -2111.62 | -1157.96 | 49.45 | 347.09 | 114.44 | 3.04 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 8035.06 | 7451.41 | -2171.15 | -1170.15 | 49.81 | 359.79 | 113.71 | 3.18 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 8112.97 | 7493.38 | -2235.97 | -1180.05 | 49.23 | 371.28 | 114.54 | 3.25 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 8189.65 | 7525.97 | -2304.90 | -1187.65 | 48.44 | 380.86 | 116.85 | 3.27 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 8265.45 | 7549.13 | -2376.82 | -1192.93 | 47.75 | 388.04 | 120.53 | 3.23 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 8340.67 | 7562.81 | -2450.68 | -1195.89 | 47.29 | 392.44 | 125.51 | 3.14 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 8412.48 | 7567.00 | -2522.31 | -1196.55 | 47.12 | 393.86 | 131.38 | 3.01 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0)

| Facility: SEC.03-T1S-R67W Slot: SLOT#06 SHOOK 3-10-2NBH (2058'FSL & 2214'FEL, SEC.03) Well: SHOOK 3-10-2NBH 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 8417.17 | 7567.00 | -2527.00 | -1196.52 | 47.12 | 393.86 | 131.60 | 3.00 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 8517.17 | 7567.00 | -2627.00 | -1196.01 | 47.12 | 393.82 | 136.00 | 2.90 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 8617.17 | 7567.00 | -2727.00 | -1195.51 | 47.11 | 393.77 | 140.44 | 2.81 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 8717.17 | 7567.00 | -2827.00 | -1195.00 | 47.10 | 393.72 | 144.90 | 2.72 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 8817.17 | 7567.00 | -2926.99 | -1194.49 | 47.10 | 393.68 | 149.39 | 2.64 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 8917.17 | 7567.00 | -3026.99 | -1193.98 | 47.09 | 393.63 | 153.89 | 2.56 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 9017.17 | 7567.00 | -3126.99 | -1193.47 | 47.08 | 393.59 | 158.42 | 2.49 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 9117.17 | 7567.00 | -3226.99 | -1192.96 | 47.08 | 393.54 | 162.95 | 2.42 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 9217.17 | 7567.00 | -3326.99 | -1192.45 | 47.07 | 393.49 | 167.50 | 2.35 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 9317.17 | 7567.00 | -3426.99 | -1191.94 | 47.07 | 393.45 | 172.08 | 2.29 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 9417.17 | 7567.00 | -3526.99 | -1191.43 | 47.06 | 393.40 | 176.66 | 2.23 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 9517.17 | 7567.00 | -3626.99 | -1190.92 | 47.05 | 393.35 | 181.25 | 2.17 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 9617.17 | 7567.00 | -3726.98 | -1190.41 | 47.05 | 393.31 | 185.85 | 2.12 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 9717.17 | 7567.00 | -3826.98 | -1189.90 | 47.04 | 393.26 | 190.46 | 2.07 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 9817.17 | 7567.00 | -3926.98 | -1189.39 | 47.03 | 393.22 | 195.08 | 2.02 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 9917.17 | 7567.00 | -4026.98 | -1188.88 | 47.03 | 393.17 | 199.71 | 1.97 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 10017.17 | 7567.00 | -4126.98 | -1188.37 | 47.02 | 393.12 | 204.35 | 1.93 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 10117.17 | 7567.00 | -4226.98 | -1187.86 | 47.02 | 393.08 | 209.00 | 1.88 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 10217.17 | 7567.00 | -4326.98 | -1187.36 | 47.01 | 393.03 | 213.65 | 1.84 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 10317.17 | 7567.00 | -4426.97 | -1186.85 | 47.00 | 392.98 | 218.30 | 1.80 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 10417.17 | 7567.00 | -4526.97 | -1186.34 | 47.00 | 392.94 | 222.97 | 1.76 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 10517.17 | 7567.00 | -4626.97 | -1185.83 | 46.99 | 392.89 | 227.64 | 1.73 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 10617.17 | 7567.00 | -4726.97 | -1185.32 | 46.98 | 392.85 | 232.31 | 1.69 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 10717.17 | 7567.00 | -4826.97 | -1184.81 | 46.98 | 392.80 | 236.99 | 1.66 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 10817.17 | 7567.00 | -4926.97 | -1184.30 | 46.97 | 392.75 | 241.67 | 1.63 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 10917.17 | 7567.00 | -5026.97 | -1183.79 | 46.97 | 392.71 | 246.36 | 1.60 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 11017.17 | 7567.00 | -5126.97 | -1183.28 | 46.96 | 392.66 | 251.05 | 1.57 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 11117.17 | 7567.00 | -5226.96 | -1182.77 | 46.95 | 392.62 | 255.74 | 1.54 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 11217.17 | 7567.00 | -5326.96 | -1182.26 | 46.95 | 392.57 | 260.44 | 1.51 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 11317.17 | 7567.00 | -5426.96 | -1181.75 | 46.94 | 392.52 | 265.14 | 1.48 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 11417.17 | 7567.00 | -5526.96 | -1181.24 | 46.93 | 392.48 | 269.84 | 1.46 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 11517.17 | 7567.00 | -5626.96 | -1180.73 | 46.93 | 392.43 | 274.54 | 1.43 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 11617.17 | 7567.00 | -5726.96 | -1180.22 | 46.92 | 392.38 | 279.25 | 1.41 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 11717.17 | 7567.00 | -5826.96 | -1179.71 | 46.92 | 392.34 | 283.96 | 1.38 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 11817.17 | 7567.00 | -5926.95 | -1179.21 | 46.91 | 392.29 | 288.67 | 1.36 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 11917.17 | 7567.00 | -6026.95 | -1178.70 | 46.90 | 392.25 | 293.39 | 1.34 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0) | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#06 SHOOK 3-10-2NBH (2058'FSL & 2214'FEL, SEC.03) | | | Well: SHOOK 3-10-2NBH | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 12017.17 | 7567.00 | -6126.95 | -1178.19 | 46.90 | 392.20 | 298.10 | 1.32 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 12117.17 | 7567.00 | -6226.95 | -1177.68 | 46.89 | 392.15 | 302.82 | 1.30 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 12217.17 | 7567.00 | -6326.95 | -1177.17 | 46.88 | 392.11 | 307.54 | 1.28 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 12317.17 | 7567.00 | -6426.95 | -1176.66 | 46.88 | 392.06 | 312.26 | 1.26 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 12417.17 | 7567.00 | -6526.95 | -1176.15 | 46.87 | 392.02 | 316.99 | 1.24 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 12517.17 | 7567.00 | -6626.95 | -1175.64 | 46.87 | 391.97 | 321.71 | 1.22 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 12617.17 | 7567.00 | -6726.94 | -1175.13 | 46.86 | 391.92 | 326.43 | 1.20 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 12717.17 | 7567.00 | -6826.94 | -1174.62 | 46.85 | 391.88 | 331.16 | 1.18 | PASS |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 12771.56 | 7567.00 | -6881.34 | -1174.34 | 46.85 | 391.86 | 333.94 | 1.17 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH 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: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH 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 | 16.00 | 800.00 | 784.00 | 16.00 | 800.00 | 0.00 | -10.25 | 0.00 | -10.25 |
| 9.625in Casing Surface | 16.00 | 800.00 | 784.00 | 16.00 | 800.00 | 0.00 | -10.25 | 0.00 | -10.25 |
| 8.5in Open Hole | 800.00 | 12771.56 | 11971.56 | 800.00 | 7567.00 | 0.00 | -10.25 | -2097.43 | -363.07 |
| 5.5in Casing Production | 16.00 | 12771.56 | 12755.56 | 16.00 | 7567.00 | 0.00 | -10.25 | -2097.43 | -363.07 |

SURVEY PROGRAM - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|---------------------|
| 16.00 | 12771.56 | Custom NaviTrak (Standard) (Rockies 0.03Gt model) | | SHOOK 3-10-2NBH PWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SHOOK 3-10-2NBH PWB Offset Wellpath: SHOOK 3-10-2NBH PWP (REV-A.0)

| | |
|---------------------------------|---|
| MD Reference: RIG (16'KB) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#04 SHOOK 3-10-2CDH (2058'FSL & 2244'FEL, SEC.03) Well: SHOOK 3-10-2CDH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 16.00 | 16.00 | 0.00 | 0.00 | 17.00 | 16.00 | 0.00 | -44.83 | -90.00 | 44.83 | 1.57 | 72.92 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 117.00 | 116.00 | 0.00 | -44.83 | -90.00 | 44.83 | 1.88 | 47.77 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 217.00 | 216.00 | 0.00 | -44.83 | -90.00 | 44.83 | 2.45 | 29.59 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 317.00 | 316.00 | 0.00 | -44.83 | -90.00 | 44.83 | 3.05 | 21.05 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 417.00 | 416.00 | 0.00 | -44.83 | -90.00 | 44.83 | 3.66 | 16.26 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 517.00 | 516.00 | 0.00 | -44.83 | -90.00 | 44.83 | 4.28 | 13.23 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 617.00 | 616.00 | 0.00 | -44.83 | -90.00 | 44.83 | 4.90 | 11.14 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 717.00 | 716.00 | 0.00 | -44.83 | -90.00 | 44.83 | 5.53 | 9.62 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 817.00 | 816.00 | 0.00 | -44.83 | -90.00 | 44.83 | 5.77 | 8.53 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 917.00 | 916.00 | 0.00 | -44.83 | -90.00 | 44.83 | 6.40 | 7.61 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1017.00 | 1016.00 | 0.00 | -44.83 | -90.00 | 44.83 | 7.02 | 6.87 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1117.00 | 1116.00 | 0.00 | -44.83 | -90.00 | 44.83 | 7.65 | 6.26 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1217.00 | 1216.00 | 0.00 | -44.83 | -90.00 | 44.83 | 8.28 | 5.75 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1317.00 | 1316.00 | 0.00 | -44.83 | -90.00 | 44.83 | 8.90 | 5.32 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1417.00 | 1416.00 | 0.00 | -44.83 | -90.00 | 44.83 | 9.53 | 4.95 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1517.00 | 1516.00 | 0.00 | -44.83 | -90.00 | 44.83 | 10.16 | 4.62 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1617.00 | 1616.00 | 0.00 | -44.83 | -90.00 | 44.83 | 10.78 | 4.34 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1717.00 | 1716.00 | 0.00 | -44.83 | -90.00 | 44.83 | 11.41 | 4.09 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1816.83 | 1815.83 | -0.04 | -44.86 | -90.05 | 44.86 | 12.04 | 3.87 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1915.79 | 1914.76 | -1.82 | -46.31 | -92.25 | 46.36 | 12.69 | 3.78 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2014.48 | 2013.28 | -6.23 | -49.89 | -97.12 | 50.35 | 13.44 | 3.87 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2096.99 | 2095.46 | -11.94 | -54.53 | -102.35 | 56.00 | 14.09 | 4.10 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2112.66 | 2111.04 | -13.23 | -55.58 | 53.56 | 57.32 | 14.22 | 4.16 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2210.39 | 2207.98 | -22.78 | -63.33 | 48.47 | 66.21 | 15.02 | 4.55 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2307.75 | 2304.10 | -34.84 | -73.12 | 45.18 | 76.00 | 15.89 | 4.93 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2404.74 | 2399.26 | -49.36 | -84.92 | 43.17 | 86.43 | 16.74 | 5.31 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2501.36 | 2493.38 | -66.31 | -98.69 | 42.06 | 97.38 | 17.59 | 5.69 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2597.60 | 2586.34 | -85.63 | -114.38 | 41.58 | 108.76 | 18.43 | 6.06 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2693.45 | 2678.04 | -107.28 | -131.95 | 41.55 | 120.55 | 19.29 | 6.41 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2788.92 | 2768.40 | -131.19 | -151.37 | 41.86 | 132.73 | 20.18 | 6.74 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2884.00 | 2857.32 | -157.31 | -172.59 | 42.40 | 145.29 | 21.15 | 7.04 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2978.69 | 2944.71 | -185.59 | -195.55 | 43.12 | 158.25 | 22.13 | 7.32 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3072.99 | 3030.51 | -215.96 | -220.22 | 43.96 | 171.61 | 23.24 | 7.55 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3167.59 | 3115.25 | -248.60 | -246.72 | 44.90 | 185.36 | 24.48 | 7.73 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3266.66 | 3203.45 | -283.62 | -275.16 | 46.29 | 197.82 | 25.97 | 7.77 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3271.49 | 3207.75 | -285.33 | -276.55 | 46.38 | 198.37 | 26.05 | 7.77 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#04 SHOOK 3-10-2CDH (2058'FSL & 2244'FEL, SEC.03) Well: SHOOK 3-10-2CDH 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3365.82 | 3291.74 | -318.67 | -303.63 | 48.06 | 209.14 | 27.59 | 7.72 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3464.99 | 3380.02 | -353.73 | -332.10 | 49.65 | 220.63 | 29.35 | 7.65 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3564.15 | 3468.30 | -388.78 | -360.57 | 51.08 | 232.27 | 31.23 | 7.56 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3663.31 | 3556.58 | -423.83 | -389.04 | 52.37 | 244.05 | 33.21 | 7.46 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3762.47 | 3644.86 | -458.89 | -417.50 | 53.55 | 255.94 | 35.27 | 7.36 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3861.63 | 3733.14 | -493.94 | -445.97 | 54.62 | 267.92 | 37.40 | 7.26 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3960.79 | 3821.42 | -529.00 | -474.44 | 55.60 | 279.99 | 39.59 | 7.16 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 4059.95 | 3909.70 | -564.05 | -502.91 | 56.49 | 292.13 | 41.84 | 7.07 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4159.11 | 3997.99 | -599.10 | -531.37 | 57.32 | 304.34 | 44.12 | 6.98 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#04 SHOOK 3-10-2CDH (2058'FSL & 2244'FEL, SEC.03) Well: SHOOK 3-10-2CDH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4258.27 | 4086.27 | -634.16 | -559.84 | 58.08 | 316.60 | 46.44 | 6.89 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4357.43 | 4174.55 | -669.21 | -588.31 | 58.79 | 328.92 | 48.80 | 6.81 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4456.59 | 4262.83 | -704.26 | -616.78 | 59.44 | 341.28 | 51.18 | 6.73 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4555.75 | 4351.11 | -739.32 | -645.24 | 60.05 | 353.68 | 53.58 | 6.66 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4654.91 | 4439.39 | -774.37 | -673.71 | 60.62 | 366.12 | 56.00 | 6.60 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4754.07 | 4527.67 | -809.42 | -702.18 | 61.15 | 378.60 | 58.45 | 6.53 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4853.23 | 4615.95 | -844.48 | -730.65 | 61.64 | 391.10 | 60.90 | 6.47 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4952.39 | 4704.24 | -879.53 | -759.11 | 62.11 | 403.63 | 63.37 | 6.42 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 5051.55 | 4792.52 | -914.58 | -787.58 | 62.55 | 416.18 | 65.85 | 6.37 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5150.71 | 4880.80 | -949.64 | -816.05 | 62.96 | 428.76 | 68.35 | 6.32 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5249.87 | 4969.08 | -984.69 | -844.52 | 63.35 | 441.36 | 70.85 | 6.27 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5349.03 | 5057.36 | -1019.75 | -872.99 | 63.72 | 453.97 | 73.36 | 6.23 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5448.19 | 5145.64 | -1054.80 | -901.45 | 64.06 | 466.61 | 75.87 | 6.19 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5547.35 | 5233.92 | -1089.85 | -929.92 | 64.39 | 479.25 | 78.40 | 6.15 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5646.51 | 5322.20 | -1124.91 | -958.39 | 64.70 | 491.92 | 80.93 | 6.12 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5745.67 | 5410.49 | -1159.96 | -986.86 | 65.00 | 504.60 | 83.46 | 6.08 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5844.83 | 5498.77 | -1195.01 | -1015.32 | 65.28 | 517.29 | 86.00 | 6.05 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5943.99 | 5587.05 | -1230.07 | -1043.79 | 65.55 | 529.99 | 88.55 | 6.02 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 6043.15 | 5675.33 | -1265.12 | -1072.26 | 65.81 | 542.70 | 91.10 | 5.99 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 6142.31 | 5763.61 | -1300.17 | -1100.73 | 66.05 | 555.43 | 93.65 | 5.96 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 6241.47 | 5851.89 | -1335.23 | -1129.19 | 66.28 | 568.16 | 96.20 | 5.94 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6340.63 | 5940.17 | -1370.28 | -1157.66 | 66.50 | 580.90 | 98.76 | 5.91 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6439.79 | 6028.45 | -1405.33 | -1186.13 | 66.72 | 593.65 | 101.32 | 5.89 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6538.95 | 6116.74 | -1440.39 | -1214.60 | 66.92 | 606.41 | 103.89 | 5.86 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6638.11 | 6205.02 | -1475.44 | -1243.07 | 67.12 | 619.17 | 106.45 | 5.84 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6737.27 | 6293.30 | -1510.50 | -1271.53 | 67.31 | 631.94 | 109.02 | 5.82 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6836.43 | 6381.58 | -1545.55 | -1300.00 | 67.49 | 644.72 | 111.59 | 5.80 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6935.59 | 6469.86 | -1580.60 | -1328.47 | 67.66 | 657.51 | 114.17 | 5.78 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 7034.75 | 6558.14 | -1615.66 | -1356.94 | 67.83 | 670.30 | 116.74 | 5.77 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 7133.91 | 6646.42 | -1650.71 | -1385.40 | 67.99 | 683.09 | 119.32 | 5.75 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 7233.07 | 6734.70 | -1685.76 | -1413.87 | 68.14 | 695.89 | 121.89 | 5.73 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 7332.23 | 6822.99 | -1720.82 | -1442.34 | 68.29 | 708.70 | 124.47 | 5.72 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7431.39 | 6911.27 | -1755.87 | -1470.81 | 68.44 | 721.51 | 127.05 | 5.70 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7530.55 | 6999.55 | -1790.92 | -1499.27 | 68.57 | 734.32 | 129.63 | 5.69 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7629.71 | 7087.83 | -1825.98 | -1527.74 | 68.71 | 747.14 | 132.22 | 5.67 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7728.87 | 7176.11 | -1861.03 | -1556.21 | 68.84 | 759.96 | 134.80 | 5.66 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#04 SHOOK 3-10-2CDH (2058'FSL & 2244'FEL, SEC.03) Well: SHOOK 3-10-2CDH 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7828.03 | 7264.39 | -1896.08 | -1584.68 | 68.96 | 772.79 | 137.38 | 5.64 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7846.29 | 7280.65 | -1902.54 | -1589.92 | 68.99 | 775.15 | 137.86 | 5.64 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7926.77 | 7352.29 | -1930.99 | -1613.02 | 74.23 | 786.04 | 140.51 | 5.61 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 8022.61 | 7437.62 | -1964.87 | -1640.54 | 78.46 | 800.80 | 145.13 | 5.54 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 8128.08 | 7530.70 | -2004.27 | -1670.54 | 82.06 | 817.74 | 151.23 | 5.42 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 8266.21 | 7641.06 | -2078.77 | -1705.99 | 85.42 | 834.32 | 153.11 | 5.47 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 8423.75 | 7742.12 | -2194.57 | -1738.24 | 88.04 | 848.24 | 163.62 | 5.20 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 8599.72 | 7814.93 | -2352.36 | -1761.15 | 89.76 | 857.46 | 167.40 | 5.14 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 8774.51 | 7839.00 | -2524.65 | -1768.20 | 90.27 | 860.29 | 169.17 | 5.10 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0)

| Facility: SEC.03-T1S-R67W Slot: SLOT#04 SHOOK 3-10-2CDH (2058'FSL & 2244'FEL, SEC.03) Well: SHOOK 3-10-2CDH 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 8779.19 | 7839.00 | -2529.34 | -1768.17 | 90.27 | 860.29 | 169.44 | 5.09 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 8879.19 | 7839.00 | -2629.34 | -1767.73 | 90.27 | 860.29 | 175.20 | 4.92 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 8979.19 | 7839.00 | -2729.34 | -1767.29 | 90.27 | 860.29 | 181.00 | 4.77 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 9079.19 | 7839.00 | -2829.34 | -1766.85 | 90.27 | 860.30 | 186.84 | 4.62 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 9179.19 | 7839.00 | -2929.34 | -1766.40 | 90.27 | 860.30 | 192.70 | 4.48 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 9279.19 | 7839.00 | -3029.33 | -1765.96 | 90.27 | 860.31 | 198.58 | 4.34 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 9379.19 | 7839.00 | -3129.33 | -1765.52 | 90.27 | 860.31 | 204.50 | 4.22 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 9479.19 | 7839.00 | -3229.33 | -1765.07 | 90.27 | 860.31 | 211.58 | 4.07 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 9579.19 | 7839.00 | -3329.33 | -1764.63 | 90.27 | 860.32 | 216.38 | 3.98 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 9679.19 | 7839.00 | -3429.33 | -1764.19 | 90.27 | 860.32 | 222.35 | 3.88 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 9779.19 | 7839.00 | -3529.33 | -1763.75 | 90.27 | 860.32 | 228.33 | 3.77 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 9879.19 | 7839.00 | -3629.33 | -1763.30 | 90.27 | 860.33 | 234.33 | 3.68 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 9979.19 | 7839.00 | -3729.33 | -1762.86 | 90.27 | 860.33 | 240.35 | 3.59 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 10079.19 | 7839.00 | -3829.33 | -1762.42 | 90.27 | 860.33 | 246.37 | 3.50 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 10179.19 | 7839.00 | -3929.33 | -1761.98 | 90.27 | 860.34 | 252.41 | 3.41 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 10279.19 | 7839.00 | -4029.32 | -1761.53 | 90.27 | 860.34 | 258.46 | 3.33 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 10379.19 | 7839.00 | -4129.32 | -1761.09 | 90.27 | 860.34 | 264.52 | 3.26 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 10479.19 | 7839.00 | -4229.32 | -1760.65 | 90.27 | 860.35 | 270.59 | 3.18 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 10579.19 | 7839.00 | -4329.32 | -1760.20 | 90.27 | 860.35 | 276.67 | 3.11 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 10679.19 | 7839.00 | -4429.32 | -1759.76 | 90.27 | 860.35 | 282.76 | 3.05 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 10779.19 | 7839.00 | -4529.32 | -1759.32 | 90.27 | 860.36 | 288.86 | 2.98 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 10879.19 | 7839.00 | -4629.32 | -1758.88 | 90.27 | 860.36 | 294.96 | 2.92 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 10979.19 | 7839.00 | -4729.32 | -1758.43 | 90.27 | 860.36 | 301.07 | 2.86 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 11079.19 | 7839.00 | -4829.32 | -1757.99 | 90.27 | 860.37 | 307.19 | 2.80 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 11179.19 | 7839.00 | -4929.32 | -1757.55 | 90.27 | 860.37 | 313.31 | 2.75 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 11279.19 | 7839.00 | -5029.31 | -1757.10 | 90.27 | 860.37 | 319.44 | 2.70 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 11379.19 | 7839.00 | -5129.31 | -1756.66 | 90.27 | 860.38 | 325.58 | 2.65 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 11479.19 | 7839.00 | -5229.31 | -1756.22 | 90.27 | 860.38 | 331.72 | 2.60 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 11579.19 | 7839.00 | -5329.31 | -1755.78 | 90.27 | 860.38 | 337.86 | 2.55 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 11679.19 | 7839.00 | -5429.31 | -1755.33 | 90.27 | 860.39 | 344.01 | 2.50 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 11779.19 | 7839.00 | -5529.31 | -1754.89 | 90.27 | 860.39 | 350.17 | 2.46 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 11879.19 | 7839.00 | -5629.31 | -1754.45 | 90.27 | 860.40 | 356.33 | 2.42 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 11979.19 | 7839.00 | -5729.31 | -1754.00 | 90.27 | 860.40 | 362.49 | 2.38 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 12079.19 | 7839.00 | -5829.31 | -1753.56 | 90.27 | 860.40 | 368.66 | 2.34 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 12179.19 | 7839.00 | -5929.31 | -1753.12 | 90.27 | 860.41 | 374.83 | 2.30 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 12279.19 | 7839.00 | -6029.30 | -1752.68 | 90.27 | 860.41 | 381.00 | 2.26 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0) | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#04 SHOOK 3-10-2CDH (2058'FSL & 2244'FEL, SEC.03) | | | Well: SHOOK 3-10-2CDH | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 12379.19 | 7839.00 | -6129.30 | -1752.23 | 90.27 | 860.41 | 387.18 | 2.22 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 12479.19 | 7839.00 | -6229.30 | -1751.79 | 90.27 | 860.42 | 393.36 | 2.19 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 12579.19 | 7839.00 | -6329.30 | -1751.35 | 90.27 | 860.42 | 399.54 | 2.16 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 12679.19 | 7839.00 | -6429.30 | -1750.90 | 90.27 | 860.42 | 405.73 | 2.12 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 12779.19 | 7839.00 | -6529.30 | -1750.46 | 90.27 | 860.43 | 411.91 | 2.09 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 12879.19 | 7839.00 | -6629.30 | -1750.02 | 90.27 | 860.43 | 418.11 | 2.06 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 12979.19 | 7839.00 | -6729.30 | -1749.58 | 90.27 | 860.43 | 424.30 | 2.03 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 13079.19 | 7839.00 | -6829.30 | -1749.13 | 90.27 | 860.44 | 430.49 | 2.00 | PASS |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 13131.20 | 7839.00 | -6881.30 | -1748.90 | 90.27 | 860.45 | 434.19 | 1.98 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH 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: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH 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 | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -27.33 | 0.00 | -27.33 |
| 9.625in Casing Surface | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -27.33 | 0.00 | -27.33 |
| 8.5in Open Hole | 800.00 | 13131.20 | 12331.20 | 799.00 | 7839.00 | 0.00 | -27.33 | -2097.42 | -546.73 |
| 5.5in Casing Production | 16.00 | 13131.20 | 13115.20 | 15.00 | 7839.00 | 0.00 | -27.33 | -2097.42 | -546.73 |

SURVEY PROGRAM - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|---------------------|
| 16.00 | 13131.20 | Custom NaviTrak (Standard) (Rockies 0.03Gt model) | | SHOOK 3-10-2CDH PWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SHOOK 3-10-2CDH PWB Offset Wellpath: SHOOK 3-10-2CDH PWP (REV-A.0)

| | |
|---------------------------------|---|
| MD Reference: RIG (16'KB) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03) Well: SHOOK 3-10-1NAH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 16.00 | 16.00 | 0.00 | 0.00 | 17.00 | 16.00 | 0.00 | -30.82 | -90.00 | 30.82 | 1.57 | 49.63 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 117.00 | 116.00 | 0.00 | -30.82 | -90.00 | 30.82 | 1.88 | 32.52 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 217.00 | 216.00 | 0.00 | -30.82 | -90.00 | 30.82 | 2.45 | 20.14 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 317.00 | 316.00 | 0.00 | -30.82 | -90.00 | 30.82 | 3.05 | 14.33 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 417.00 | 416.00 | 0.00 | -30.82 | -90.00 | 30.82 | 3.66 | 11.07 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 517.00 | 516.00 | 0.00 | -30.82 | -90.00 | 30.82 | 4.28 | 9.00 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 617.00 | 616.00 | 0.00 | -30.82 | -90.00 | 30.82 | 4.90 | 7.58 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 717.00 | 716.00 | 0.00 | -30.82 | -90.00 | 30.82 | 5.53 | 6.54 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 817.00 | 816.00 | 0.00 | -30.82 | -90.00 | 30.82 | 5.77 | 5.83 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 917.00 | 916.00 | 0.00 | -30.82 | -90.00 | 30.82 | 6.40 | 5.20 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1017.00 | 1016.00 | 0.00 | -30.82 | -90.00 | 30.82 | 7.02 | 4.70 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1117.00 | 1116.00 | 0.00 | -30.82 | -90.00 | 30.82 | 7.65 | 4.28 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1217.00 | 1216.00 | 0.00 | -30.82 | -90.00 | 30.82 | 8.28 | 3.93 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1317.00 | 1316.00 | 0.00 | -30.82 | -90.00 | 30.82 | 8.90 | 3.63 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1417.00 | 1416.00 | 0.00 | -30.82 | -90.00 | 30.82 | 9.53 | 3.38 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1517.00 | 1516.00 | 0.00 | -30.82 | -90.00 | 30.82 | 10.16 | 3.16 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1617.00 | 1616.00 | 0.00 | -30.82 | -90.00 | 30.82 | 10.78 | 2.96 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1717.00 | 1716.00 | 0.00 | -30.82 | -90.00 | 30.82 | 11.41 | 2.79 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1817.00 | 1816.00 | 0.00 | -30.82 | -90.00 | 30.82 | 12.04 | 2.64 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1916.90 | 1915.90 | -0.04 | -30.85 | -90.08 | 30.85 | 12.67 | 2.50 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2016.23 | 2015.20 | -1.95 | -32.14 | -93.47 | 32.21 | 13.31 | 2.48 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2099.47 | 2098.31 | -5.75 | -34.72 | -99.40 | 35.23 | 13.93 | 2.60 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2115.29 | 2114.09 | -6.69 | -35.36 | 56.27 | 36.01 | 14.05 | 2.63 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2214.05 | 2212.42 | -14.23 | -40.47 | 49.84 | 41.51 | 14.85 | 2.87 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2312.57 | 2310.14 | -24.54 | -47.47 | 45.59 | 47.79 | 15.72 | 3.12 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2410.84 | 2407.13 | -37.59 | -56.32 | 42.91 | 54.62 | 16.59 | 3.38 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2508.86 | 2503.28 | -53.35 | -67.00 | 41.33 | 61.87 | 17.45 | 3.63 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2606.62 | 2598.48 | -71.76 | -79.49 | 40.55 | 69.48 | 18.30 | 3.89 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2704.13 | 2692.62 | -92.79 | -93.75 | 40.32 | 77.39 | 19.17 | 4.13 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2801.39 | 2785.59 | -116.40 | -109.76 | 40.50 | 85.60 | 20.06 | 4.37 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2898.40 | 2877.31 | -142.53 | -127.49 | 40.97 | 94.10 | 21.01 | 4.58 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2995.14 | 2967.67 | -171.14 | -146.89 | 41.65 | 102.90 | 22.05 | 4.77 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3091.64 | 3056.57 | -202.17 | -167.93 | 42.49 | 111.99 | 23.12 | 4.94 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3187.87 | 3143.93 | -235.58 | -190.59 | 43.43 | 121.39 | 24.36 | 5.08 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3283.86 | 3229.66 | -271.29 | -214.81 | 44.46 | 131.11 | 25.75 | 5.19 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3288.53 | 3233.80 | -273.09 | -216.03 | 44.51 | 131.59 | 25.81 | 5.19 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03) Well: SHOOK 3-10-1NAH 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3381.72 | 3315.82 | -309.71 | -240.86 | 45.37 | 141.79 | 27.23 | 5.30 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3481.10 | 3403.17 | -348.93 | -267.46 | 46.11 | 152.74 | 28.86 | 5.38 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3580.48 | 3490.52 | -388.16 | -294.07 | 46.75 | 163.72 | 30.57 | 5.44 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3679.86 | 3577.87 | -427.38 | -320.67 | 47.31 | 174.71 | 32.36 | 5.48 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3779.24 | 3665.22 | -466.61 | -347.27 | 47.80 | 185.71 | 34.21 | 5.50 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3878.62 | 3752.57 | -505.83 | -373.87 | 48.24 | 196.73 | 36.12 | 5.52 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3978.01 | 3839.92 | -545.06 | -400.47 | 48.63 | 207.76 | 38.07 | 5.53 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 4077.39 | 3927.27 | -584.29 | -427.08 | 48.98 | 218.79 | 40.06 | 5.53 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4176.77 | 4014.62 | -623.51 | -453.68 | 49.30 | 229.84 | 42.08 | 5.52 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03) Well: SHOOK 3-10-1NAH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4276.15 | 4101.97 | -662.74 | -480.28 | 49.59 | 240.89 | 44.13 | 5.52 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4375.53 | 4189.33 | -701.96 | -506.88 | 49.86 | 251.94 | 46.20 | 5.51 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4474.91 | 4276.68 | -741.19 | -533.49 | 50.10 | 263.00 | 48.30 | 5.50 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4574.29 | 4364.03 | -780.41 | -560.09 | 50.32 | 274.07 | 50.41 | 5.49 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4673.67 | 4451.38 | -819.64 | -586.69 | 50.52 | 285.14 | 52.54 | 5.48 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4773.05 | 4538.73 | -858.86 | -613.29 | 50.71 | 296.21 | 54.68 | 5.46 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4872.43 | 4626.08 | -898.09 | -639.89 | 50.89 | 307.28 | 56.84 | 5.45 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4971.81 | 4713.43 | -937.31 | -666.50 | 51.05 | 318.36 | 59.01 | 5.44 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 5071.19 | 4800.78 | -976.54 | -693.10 | 51.21 | 329.44 | 61.19 | 5.43 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5170.57 | 4888.13 | -1015.76 | -719.70 | 51.35 | 340.52 | 63.38 | 5.41 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5269.95 | 4975.48 | -1054.99 | -746.30 | 51.48 | 351.61 | 65.57 | 5.40 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5369.33 | 5062.84 | -1094.21 | -772.90 | 51.61 | 362.69 | 67.78 | 5.39 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5468.71 | 5150.19 | -1133.44 | -799.51 | 51.73 | 373.78 | 69.99 | 5.38 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5568.09 | 5237.54 | -1172.67 | -826.11 | 51.84 | 384.87 | 72.20 | 5.37 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5667.48 | 5324.89 | -1211.89 | -852.71 | 51.94 | 395.96 | 74.43 | 5.35 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5766.86 | 5412.24 | -1251.12 | -879.31 | 52.04 | 407.05 | 76.65 | 5.34 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5866.24 | 5499.59 | -1290.34 | -905.92 | 52.14 | 418.14 | 78.88 | 5.33 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5965.62 | 5586.94 | -1329.57 | -932.52 | 52.23 | 429.24 | 81.12 | 5.32 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 6065.00 | 5674.29 | -1368.79 | -959.12 | 52.31 | 440.33 | 83.36 | 5.31 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 6164.38 | 5761.64 | -1408.02 | -985.72 | 52.39 | 451.43 | 85.60 | 5.30 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 6263.76 | 5848.99 | -1447.24 | -1012.32 | 52.47 | 462.52 | 87.85 | 5.29 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6363.14 | 5936.35 | -1486.47 | -1038.93 | 52.54 | 473.62 | 90.10 | 5.28 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6462.52 | 6023.70 | -1525.69 | -1065.53 | 52.61 | 484.72 | 92.35 | 5.28 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6561.90 | 6111.05 | -1564.92 | -1092.13 | 52.68 | 495.82 | 94.61 | 5.27 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6661.28 | 6198.40 | -1604.14 | -1118.73 | 52.74 | 506.92 | 96.87 | 5.26 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6760.66 | 6285.75 | -1643.37 | -1145.33 | 52.80 | 518.02 | 99.13 | 5.25 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6860.04 | 6373.10 | -1682.59 | -1171.94 | 52.86 | 529.12 | 101.39 | 5.24 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6959.42 | 6460.45 | -1721.82 | -1198.54 | 52.92 | 540.22 | 103.65 | 5.24 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 7058.80 | 6547.80 | -1761.04 | -1225.14 | 52.97 | 551.32 | 105.92 | 5.23 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 7158.18 | 6635.15 | -1800.27 | -1251.74 | 53.02 | 562.42 | 108.19 | 5.22 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 7257.56 | 6722.51 | -1839.50 | -1278.34 | 53.07 | 573.52 | 110.46 | 5.21 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 7356.94 | 6809.86 | -1878.72 | -1304.95 | 53.12 | 584.63 | 112.73 | 5.21 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7456.33 | 6897.21 | -1917.95 | -1331.55 | 53.17 | 595.73 | 115.00 | 5.20 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7555.71 | 6984.56 | -1957.17 | -1358.15 | 53.21 | 606.83 | 117.27 | 5.20 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7654.10 | 7071.03 | -1996.04 | -1384.49 | 53.25 | 617.94 | 119.53 | 5.19 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7738.54 | 7142.25 | -2035.74 | -1406.14 | 52.64 | 630.37 | 120.79 | 5.24 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03) | | | Well: SHOOK 3-10-1NAH | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7818.94 | 7204.20 | -2083.30 | -1424.92 | 51.07 | 645.53 | 120.70 | 5.37 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7833.08 | 7214.41 | -2092.59 | -1428.01 | 50.70 | 648.69 | 120.56 | 5.40 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7894.48 | 7256.09 | -2135.84 | -1440.59 | 53.59 | 662.82 | 120.26 | 5.53 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7968.07 | 7299.86 | -2193.45 | -1453.76 | 54.52 | 679.18 | 120.96 | 5.64 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 8040.25 | 7335.61 | -2255.18 | -1464.44 | 54.33 | 693.67 | 122.89 | 5.67 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 8111.38 | 7363.31 | -2320.13 | -1472.64 | 53.79 | 705.63 | 125.97 | 5.62 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 8181.78 | 7382.96 | -2387.45 | -1478.36 | 53.26 | 714.53 | 130.13 | 5.51 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 8251.72 | 7394.52 | -2456.30 | -1481.60 | 52.88 | 719.98 | 135.25 | 5.34 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 8318.94 | 7398.00 | -2523.39 | -1482.37 | 52.74 | 721.78 | 140.89 | 5.14 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0)

| Facility: SEC.03-T1S-R67W Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03) Well: SHOOK 3-10-1NAH 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 8323.63 | 7398.00 | -2528.08 | -1482.35 | 52.74 | 721.78 | 141.12 | 5.13 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 8423.63 | 7398.00 | -2628.08 | -1481.91 | 52.74 | 721.78 | 145.87 | 4.96 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 8523.63 | 7398.00 | -2728.08 | -1481.46 | 52.74 | 721.78 | 150.66 | 4.81 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 8623.63 | 7398.00 | -2828.08 | -1481.02 | 52.74 | 721.78 | 155.47 | 4.66 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 8723.63 | 7398.00 | -2928.08 | -1480.58 | 52.74 | 721.79 | 160.30 | 4.52 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 8823.63 | 7398.00 | -3028.07 | -1480.13 | 52.74 | 721.79 | 165.16 | 4.38 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 8923.63 | 7398.00 | -3128.07 | -1479.69 | 52.74 | 721.79 | 170.03 | 4.26 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 9023.63 | 7398.00 | -3228.07 | -1479.24 | 52.74 | 721.79 | 174.86 | 4.14 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 9123.63 | 7398.00 | -3328.07 | -1478.80 | 52.74 | 721.79 | 179.83 | 4.02 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 9223.63 | 7398.00 | -3428.07 | -1478.36 | 52.74 | 721.80 | 184.75 | 3.92 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 9323.63 | 7398.00 | -3528.07 | -1477.91 | 52.74 | 721.80 | 189.68 | 3.81 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 9423.63 | 7398.00 | -3628.07 | -1477.47 | 52.74 | 721.80 | 194.63 | 3.72 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 9523.63 | 7398.00 | -3728.07 | -1477.02 | 52.74 | 721.80 | 199.58 | 3.62 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 9623.63 | 7398.00 | -3828.07 | -1476.58 | 52.74 | 721.80 | 204.55 | 3.54 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 9723.63 | 7398.00 | -3928.07 | -1476.14 | 52.74 | 721.81 | 209.53 | 3.45 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 9823.63 | 7398.00 | -4028.07 | -1475.69 | 52.74 | 721.81 | 214.51 | 3.37 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 9923.63 | 7398.00 | -4128.06 | -1475.25 | 52.74 | 721.81 | 219.51 | 3.29 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 10023.63 | 7398.00 | -4228.06 | -1474.80 | 52.74 | 721.81 | 224.51 | 3.22 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 10123.63 | 7398.00 | -4328.06 | -1474.36 | 52.74 | 721.81 | 229.52 | 3.15 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 10223.63 | 7398.00 | -4428.06 | -1473.92 | 52.74 | 721.81 | 234.54 | 3.08 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 10323.63 | 7398.00 | -4528.06 | -1473.47 | 52.74 | 721.82 | 239.56 | 3.02 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 10423.63 | 7398.00 | -4628.06 | -1473.03 | 52.74 | 721.82 | 244.59 | 2.96 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 10523.63 | 7398.00 | -4728.06 | -1472.58 | 52.74 | 721.82 | 249.62 | 2.90 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 10623.63 | 7398.00 | -4828.06 | -1472.14 | 52.74 | 721.82 | 254.66 | 2.84 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 10723.63 | 7398.00 | -4928.06 | -1471.70 | 52.74 | 721.82 | 259.71 | 2.78 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 10823.63 | 7398.00 | -5028.06 | -1471.25 | 52.74 | 721.83 | 264.76 | 2.73 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 10923.63 | 7398.00 | -5128.05 | -1470.81 | 52.74 | 721.83 | 269.81 | 2.68 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 11023.63 | 7398.00 | -5228.05 | -1470.36 | 52.74 | 721.83 | 274.87 | 2.63 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 11123.63 | 7398.00 | -5328.05 | -1469.92 | 52.74 | 721.83 | 279.93 | 2.58 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 11223.63 | 7398.00 | -5428.05 | -1469.48 | 52.74 | 721.83 | 285.00 | 2.54 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 11323.63 | 7398.00 | -5528.05 | -1469.03 | 52.74 | 721.83 | 290.07 | 2.49 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 11423.63 | 7398.00 | -5628.05 | -1468.59 | 52.74 | 721.84 | 295.14 | 2.45 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 11523.63 | 7398.00 | -5728.05 | -1468.14 | 52.74 | 721.84 | 300.22 | 2.41 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 11623.63 | 7398.00 | -5828.05 | -1467.70 | 52.74 | 721.84 | 305.30 | 2.37 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 11723.63 | 7398.00 | -5928.05 | -1467.26 | 52.74 | 721.84 | 310.38 | 2.33 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 11823.63 | 7398.00 | -6028.05 | -1466.81 | 52.74 | 721.84 | 315.47 | 2.29 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0) | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#05 SHOOK 3-10-1NAH (2058'FSL & 2229'FEL, SEC.03) | | | Well: SHOOK 3-10-1NAH | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 11923.63 | 7398.00 | -6128.04 | -1466.37 | 52.74 | 721.85 | 320.55 | 2.25 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 12023.63 | 7398.00 | -6228.04 | -1465.93 | 52.74 | 721.85 | 325.65 | 2.22 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 12123.63 | 7398.00 | -6328.04 | -1465.48 | 52.74 | 721.85 | 330.74 | 2.18 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 12223.63 | 7398.00 | -6428.04 | -1465.04 | 52.74 | 721.85 | 335.83 | 2.15 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 12323.63 | 7398.00 | -6528.04 | -1464.59 | 52.74 | 721.85 | 340.93 | 2.12 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 12423.63 | 7398.00 | -6628.04 | -1464.15 | 52.74 | 721.85 | 346.03 | 2.09 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 12523.63 | 7398.00 | -6728.04 | -1463.71 | 52.74 | 721.86 | 351.13 | 2.06 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 12623.63 | 7398.00 | -6828.04 | -1463.26 | 52.74 | 721.86 | 356.24 | 2.03 | PASS |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 12676.91 | 7398.00 | -6881.32 | -1463.02 | 52.74 | 721.86 | 359.23 | 2.01 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH 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: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH 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 | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -18.79 | 0.00 | -18.79 |
| 9.625in Casing Surface | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -18.79 | 0.00 | -18.79 |
| 8.5in Open Hole | 800.00 | 12676.91 | 11876.91 | 799.00 | 7398.00 | 0.00 | -18.79 | -2097.43 | -455.33 |
| 5.5in Casing Production | 16.00 | 12676.91 | 12660.91 | 15.00 | 7398.00 | 0.00 | -18.79 | -2097.43 | -455.33 |

SURVEY PROGRAM - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|---------------------|
| 16.00 | 12676.91 | Custom NaviTrak (Standard) (Rockies 0.03Gt model) | | SHOOK 3-10-1NAH PWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SHOOK 3-10-1NAH PWB Offset Wellpath: SHOOK 3-10-1NAH PWP (REV-A.0)

| | |
|---------------------------------|---|
| MD Reference: RIG (16'KB) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#03 SHOOK 3-10-1NBH (2058'FSL & 2259'FEL, SEC.03) Well: SHOOK 3-10-1NBH 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 |
|-------------|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| 16.00 | 16.00 | 0.00 | 0.00 | 17.00 | 16.00 | 0.00 | -61.64 | -90.00 | 61.64 | 1.57 | 100.87 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 117.00 | 116.00 | 0.00 | -61.64 | -90.00 | 61.64 | 1.88 | 66.08 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 217.00 | 216.00 | 0.00 | -61.64 | -90.00 | 61.64 | 2.45 | 40.93 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 317.00 | 316.00 | 0.00 | -61.64 | -90.00 | 61.64 | 3.05 | 29.12 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 417.00 | 416.00 | 0.00 | -61.64 | -90.00 | 61.64 | 3.66 | 22.50 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 517.00 | 516.00 | 0.00 | -61.64 | -90.00 | 61.64 | 4.28 | 18.30 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 617.00 | 616.00 | 0.00 | -61.64 | -90.00 | 61.64 | 4.90 | 15.41 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 717.00 | 716.00 | 0.00 | -61.64 | -90.00 | 61.64 | 5.53 | 13.30 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 817.00 | 816.00 | 0.00 | -61.64 | -90.00 | 61.64 | 5.77 | 11.77 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 917.00 | 916.00 | 0.00 | -61.64 | -90.00 | 61.64 | 6.40 | 10.50 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1017.00 | 1016.00 | 0.00 | -61.64 | -90.00 | 61.64 | 7.02 | 9.48 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1117.00 | 1116.00 | 0.00 | -61.64 | -90.00 | 61.64 | 7.65 | 8.64 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1217.00 | 1216.00 | 0.00 | -61.64 | -90.00 | 61.64 | 8.28 | 7.94 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1317.00 | 1316.00 | 0.00 | -61.64 | -90.00 | 61.64 | 8.90 | 7.34 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1417.00 | 1416.00 | 0.00 | -61.64 | -90.00 | 61.64 | 9.53 | 6.82 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1517.00 | 1516.00 | 0.00 | -61.64 | -90.00 | 61.64 | 10.16 | 6.38 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1617.00 | 1616.00 | 0.00 | -61.64 | -90.00 | 61.64 | 10.78 | 5.99 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1716.75 | 1715.75 | -0.04 | -61.68 | -90.03 | 61.68 | 11.41 | 5.64 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1815.24 | 1814.21 | -1.69 | -63.23 | -91.53 | 63.28 | 12.07 | 5.46 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1913.45 | 1912.26 | -5.80 | -67.08 | -94.94 | 67.44 | 12.82 | 5.46 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2011.17 | 2009.56 | -12.31 | -73.20 | -99.55 | 74.50 | 13.60 | 5.68 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2092.70 | 2090.47 | -19.59 | -80.04 | -103.76 | 82.95 | 14.26 | 6.02 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2108.17 | 2105.79 | -21.16 | -81.51 | 52.38 | 84.80 | 14.39 | 6.10 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2204.57 | 2200.96 | -32.31 | -91.98 | 48.37 | 97.08 | 15.19 | 6.61 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2300.49 | 2295.11 | -45.72 | -104.56 | 45.77 | 110.30 | 16.04 | 7.10 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2395.93 | 2388.11 | -61.33 | -119.21 | 44.17 | 124.21 | 16.88 | 7.59 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2490.88 | 2479.88 | -79.09 | -135.88 | 43.28 | 138.68 | 17.71 | 8.06 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2585.33 | 2570.31 | -98.95 | -154.53 | 42.92 | 153.65 | 18.54 | 8.52 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2679.28 | 2659.32 | -120.85 | -175.08 | 42.93 | 169.08 | 19.40 | 8.96 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2772.72 | 2746.82 | -144.73 | -197.50 | 43.23 | 184.96 | 20.32 | 9.34 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2865.64 | 2832.75 | -170.53 | -221.72 | 43.72 | 201.28 | 21.21 | 9.73 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2958.06 | 2917.01 | -198.19 | -247.68 | 44.37 | 218.04 | 22.23 | 10.05 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3049.96 | 2999.55 | -227.65 | -275.33 | 45.12 | 235.27 | 23.34 | 10.31 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3141.35 | 3080.30 | -258.84 | -304.61 | 45.95 | 252.97 | 24.58 | 10.52 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3235.99 | 3162.66 | -292.83 | -336.52 | 46.93 | 270.80 | 26.03 | 10.62 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3240.78 | 3166.82 | -294.56 | -338.14 | 46.99 | 271.63 | 26.10 | 10.62 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#03 SHOOK 3-10-1NBH (2058'FSL & 2259'FEL, SEC.03) Well: SHOOK 3-10-1NBH 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3334.31 | 3248.04 | -328.38 | -369.89 | 48.29 | 287.83 | 27.64 | 10.62 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3432.63 | 3333.41 | -363.94 | -403.26 | 49.51 | 305.00 | 29.38 | 10.57 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3530.95 | 3418.79 | -399.49 | -436.63 | 50.59 | 322.29 | 31.22 | 10.50 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3629.26 | 3504.17 | -435.04 | -470.00 | 51.57 | 339.69 | 33.16 | 10.41 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3727.58 | 3589.54 | -470.59 | -503.37 | 52.46 | 357.17 | 35.16 | 10.31 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3825.90 | 3674.92 | -506.14 | -536.74 | 53.26 | 374.72 | 37.24 | 10.21 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3924.22 | 3760.29 | -541.69 | -570.11 | 53.99 | 392.34 | 39.36 | 10.10 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 4022.54 | 3845.67 | -577.24 | -603.48 | 54.65 | 410.01 | 41.53 | 10.00 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4120.86 | 3931.04 | -612.79 | -636.86 | 55.26 | 427.74 | 43.74 | 9.90 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#03 SHOOK 3-10-1NBH (2058'FSL & 2259'FEL, SEC.03) Well: SHOOK 3-10-1NBH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4219.17 | 4016.42 | -648.35 | -670.23 | 55.83 | 445.50 | 45.98 | 9.80 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4317.49 | 4101.79 | -683.90 | -703.60 | 56.35 | 463.31 | 48.26 | 9.71 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4415.81 | 4187.17 | -719.45 | -736.97 | 56.83 | 481.15 | 50.56 | 9.62 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4514.13 | 4272.54 | -755.00 | -770.34 | 57.27 | 499.02 | 52.88 | 9.53 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4612.45 | 4357.92 | -790.55 | -803.71 | 57.69 | 516.92 | 55.21 | 9.45 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4710.77 | 4443.30 | -826.10 | -837.08 | 58.08 | 534.84 | 57.57 | 9.38 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4809.08 | 4528.67 | -861.65 | -870.45 | 58.44 | 552.79 | 59.94 | 9.30 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4907.40 | 4614.05 | -897.20 | -903.82 | 58.78 | 570.75 | 62.33 | 9.23 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 5005.72 | 4699.42 | -932.76 | -937.19 | 59.10 | 588.74 | 64.72 | 9.17 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5104.04 | 4784.80 | -968.31 | -970.56 | 59.40 | 606.74 | 67.13 | 9.11 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5202.36 | 4870.17 | -1003.86 | -1003.94 | 59.68 | 624.75 | 69.54 | 9.05 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5300.67 | 4955.55 | -1039.41 | -1037.31 | 59.95 | 642.78 | 71.97 | 9.00 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5398.99 | 5040.92 | -1074.96 | -1070.68 | 60.20 | 660.83 | 74.40 | 8.94 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5497.31 | 5126.30 | -1110.51 | -1104.05 | 60.44 | 678.88 | 76.84 | 8.90 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5595.63 | 5211.67 | -1146.06 | -1137.42 | 60.67 | 696.94 | 79.28 | 8.85 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5693.95 | 5297.05 | -1181.61 | -1170.79 | 60.88 | 715.02 | 81.73 | 8.80 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5792.27 | 5382.43 | -1217.17 | -1204.16 | 61.09 | 733.10 | 84.19 | 8.76 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5890.58 | 5467.80 | -1252.72 | -1237.53 | 61.28 | 751.20 | 86.65 | 8.72 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5988.90 | 5553.18 | -1288.27 | -1270.90 | 61.47 | 769.30 | 89.12 | 8.68 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 6087.22 | 5638.55 | -1323.82 | -1304.27 | 61.65 | 787.41 | 91.58 | 8.65 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 6185.54 | 5723.93 | -1359.37 | -1337.64 | 61.82 | 805.52 | 94.06 | 8.61 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6283.86 | 5809.30 | -1394.92 | -1371.02 | 61.98 | 823.64 | 96.53 | 8.58 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6382.18 | 5894.68 | -1430.47 | -1404.39 | 62.13 | 841.77 | 99.01 | 8.55 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6480.49 | 5980.05 | -1466.02 | -1437.76 | 62.28 | 859.90 | 101.49 | 8.52 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6578.81 | 6065.43 | -1501.57 | -1471.13 | 62.42 | 878.04 | 103.98 | 8.49 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6677.13 | 6150.81 | -1537.13 | -1504.50 | 62.56 | 896.19 | 106.47 | 8.46 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6775.45 | 6236.18 | -1572.68 | -1537.87 | 62.69 | 914.34 | 108.96 | 8.43 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6873.77 | 6321.56 | -1608.23 | -1571.24 | 62.82 | 932.49 | 111.45 | 8.41 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6972.08 | 6406.93 | -1643.78 | -1604.61 | 62.94 | 950.65 | 113.94 | 8.38 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 7070.40 | 6492.31 | -1679.33 | -1637.98 | 63.06 | 968.81 | 116.44 | 8.36 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 7168.72 | 6577.68 | -1714.88 | -1671.35 | 63.17 | 986.97 | 118.94 | 8.33 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 7267.04 | 6663.06 | -1750.43 | -1704.72 | 63.28 | 1005.14 | 121.44 | 8.31 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7365.36 | 6748.43 | -1785.98 | -1738.09 | 63.38 | 1023.31 | 123.94 | 8.29 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7463.68 | 6833.81 | -1821.54 | -1771.47 | 63.48 | 1041.49 | 126.44 | 8.27 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7561.99 | 6919.18 | -1857.09 | -1804.84 | 63.58 | 1059.67 | 128.94 | 8.25 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7660.31 | 7004.56 | -1892.64 | -1838.21 | 63.67 | 1077.85 | 131.45 | 8.23 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#03 SHOOK 3-10-1NBH (2058'FSL & 2259'FEL, SEC.03) Well: SHOOK 3-10-1NBH 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7758.63 | 7089.94 | -1928.19 | -1871.58 | 63.76 | 1096.03 | 133.95 | 8.21 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7776.74 | 7105.66 | -1934.74 | -1877.72 | 63.78 | 1099.38 | 134.42 | 8.21 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7856.60 | 7175.00 | -1963.61 | -1904.83 | 68.47 | 1114.10 | 136.96 | 8.17 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7959.03 | 7263.41 | -2002.06 | -1939.38 | 71.96 | 1131.75 | 141.52 | 8.03 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 8077.66 | 7357.68 | -2063.60 | -1976.11 | 74.16 | 1147.79 | 147.10 | 7.83 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 8204.33 | 7443.06 | -2150.73 | -2009.22 | 75.55 | 1161.23 | 152.74 | 7.63 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 8338.53 | 7511.82 | -2262.54 | -2035.68 | 76.41 | 1171.35 | 158.26 | 7.43 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 8478.56 | 7555.80 | -2394.07 | -2052.30 | 76.87 | 1177.50 | 163.22 | 7.24 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 8612.17 | 7569.00 | -2526.66 | -2056.81 | 76.96 | 1179.29 | 167.39 | 7.07 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0)

| Facility: SEC.03-T1S-R67W Slot: SLOT#03 SHOOK 3-10-1NBH (2058'FSL & 2259'FEL, SEC.03) Well: SHOOK 3-10-1NBH 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 8616.86 | 7569.00 | -2531.34 | -2056.79 | 76.96 | 1179.29 | 167.65 | 7.06 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 8716.86 | 7569.00 | -2631.34 | -2056.28 | 76.96 | 1179.23 | 173.27 | 6.83 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 8816.86 | 7569.00 | -2731.34 | -2055.78 | 76.96 | 1179.17 | 178.94 | 6.61 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 8916.86 | 7569.00 | -2831.34 | -2055.27 | 76.96 | 1179.12 | 184.64 | 6.40 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 9016.86 | 7569.00 | -2931.34 | -2054.77 | 76.96 | 1179.06 | 190.36 | 6.21 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 9116.86 | 7569.00 | -3031.34 | -2054.26 | 76.96 | 1179.00 | 196.11 | 6.03 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 9216.86 | 7569.00 | -3131.33 | -2053.75 | 76.96 | 1178.94 | 201.86 | 5.85 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 9316.86 | 7569.00 | -3231.33 | -2053.25 | 76.96 | 1178.88 | 207.67 | 5.69 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 9416.86 | 7569.00 | -3331.33 | -2052.74 | 76.96 | 1178.83 | 213.48 | 5.53 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 9516.86 | 7569.00 | -3431.33 | -2052.24 | 76.96 | 1178.77 | 219.30 | 5.39 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 9616.86 | 7569.00 | -3531.33 | -2051.73 | 76.96 | 1178.71 | 225.15 | 5.25 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 9716.86 | 7569.00 | -3631.33 | -2051.22 | 76.96 | 1178.65 | 231.00 | 5.11 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 9816.86 | 7569.00 | -3731.33 | -2050.72 | 76.96 | 1178.59 | 236.88 | 4.99 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 9916.86 | 7569.00 | -3831.33 | -2050.21 | 76.96 | 1178.54 | 242.76 | 4.86 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 10016.86 | 7569.00 | -3931.32 | -2049.71 | 76.96 | 1178.48 | 248.66 | 4.75 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 10116.86 | 7569.00 | -4031.32 | -2049.20 | 76.95 | 1178.42 | 254.56 | 4.64 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 10216.86 | 7569.00 | -4131.32 | -2048.69 | 76.95 | 1178.36 | 260.48 | 4.53 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 10316.86 | 7569.00 | -4231.32 | -2048.19 | 76.95 | 1178.30 | 266.41 | 4.43 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 10416.86 | 7569.00 | -4331.32 | -2047.68 | 76.95 | 1178.24 | 272.34 | 4.33 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 10516.86 | 7569.00 | -4431.32 | -2047.18 | 76.95 | 1178.19 | 278.29 | 4.24 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 10616.86 | 7569.00 | -4531.32 | -2046.67 | 76.95 | 1178.13 | 284.24 | 4.15 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 10716.86 | 7569.00 | -4631.31 | -2046.16 | 76.95 | 1178.07 | 290.20 | 4.07 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 10816.86 | 7569.00 | -4731.31 | -2045.66 | 76.95 | 1178.01 | 296.17 | 3.98 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 10916.86 | 7569.00 | -4831.31 | -2045.15 | 76.95 | 1177.95 | 302.14 | 3.90 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 11016.86 | 7569.00 | -4931.31 | -2044.65 | 76.95 | 1177.90 | 308.12 | 3.83 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 11116.86 | 7569.00 | -5031.31 | -2044.14 | 76.95 | 1177.84 | 314.11 | 3.75 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 11216.86 | 7569.00 | -5131.31 | -2043.64 | 76.95 | 1177.78 | 320.10 | 3.68 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 11316.86 | 7569.00 | -5231.31 | -2043.13 | 76.95 | 1177.72 | 326.09 | 3.62 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 11416.86 | 7569.00 | -5331.31 | -2042.62 | 76.95 | 1177.66 | 332.10 | 3.55 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 11516.86 | 7569.00 | -5431.30 | -2042.12 | 76.94 | 1177.61 | 338.10 | 3.49 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 11616.86 | 7569.00 | -5531.30 | -2041.61 | 76.94 | 1177.55 | 344.11 | 3.43 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 11716.86 | 7569.00 | -5631.30 | -2041.11 | 76.94 | 1177.49 | 350.13 | 3.37 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 11816.86 | 7569.00 | -5731.30 | -2040.60 | 76.94 | 1177.43 | 356.14 | 3.31 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 11916.86 | 7569.00 | -5831.30 | -2040.09 | 76.94 | 1177.37 | 362.17 | 3.25 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 12016.86 | 7569.00 | -5931.30 | -2039.59 | 76.94 | 1177.31 | 368.19 | 3.20 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 12116.86 | 7569.00 | -6031.30 | -2039.08 | 76.94 | 1177.26 | 374.22 | 3.15 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0) | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#03 SHOOK 3-10-1NBH (2058'FSL & 2259'FEL, SEC.03) | | | Well: SHOOK 3-10-1NBH | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 12216.86 | 7569.00 | -6131.30 | -2038.58 | 76.94 | 1177.20 | 380.25 | 3.10 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 12316.86 | 7569.00 | -6231.29 | -2038.07 | 76.94 | 1177.14 | 386.29 | 3.05 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 12416.86 | 7569.00 | -6331.29 | -2037.56 | 76.94 | 1177.08 | 392.32 | 3.00 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 12516.86 | 7569.00 | -6431.29 | -2037.06 | 76.94 | 1177.02 | 398.37 | 2.96 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 12616.86 | 7569.00 | -6531.29 | -2036.55 | 76.94 | 1176.97 | 404.41 | 2.91 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 12716.86 | 7569.00 | -6631.29 | -2036.05 | 76.94 | 1176.91 | 410.46 | 2.87 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 12816.86 | 7569.00 | -6731.29 | -2035.54 | 76.94 | 1176.85 | 416.50 | 2.83 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 12916.86 | 7569.00 | -6831.29 | -2035.03 | 76.94 | 1176.79 | 422.55 | 2.79 | PASS |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 12966.85 | 7569.00 | -6881.28 | -2034.78 | 76.94 | 1176.77 | 426.17 | 2.76 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH 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: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH 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 | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -37.58 | 0.00 | -37.58 |
| 9.625in Casing Surface | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -37.58 | 0.00 | -37.58 |
| 8.5in Open Hole | 800.00 | 12966.85 | 12166.85 | 799.00 | 7569.00 | 0.00 | -37.58 | -2097.41 | -639.00 |
| 5.5in Casing Production | 16.00 | 12966.85 | 12950.85 | 15.00 | 7569.00 | 0.00 | -37.58 | -2097.41 | -639.00 |

SURVEY PROGRAM - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|---------------------|
| 16.00 | 12966.85 | Custom NaviTrak (Standard) (Rockies 0.03Gt model) | | SHOOK 3-10-1NBH PWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SHOOK 3-10-1NBH PWB Offset Wellpath: SHOOK 3-10-1NBH PWP (REV-A.0)

| | |
|---------------------------------|---|
| MD Reference: RIG (16'KB) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #35N-3HZ AWP Offset Wellpath: GRENNYER #35N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#05 GRENNYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) Well: GRENNYER #35N-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 15282.87 | 7605.07 | 25.39 | -1476.18 | -89.01 | 7731.34 | 106.46 | 73.18 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 15283.49 | 7605.07 | 24.78 | -1476.15 | -89.04 | 7633.21 | 107.17 | 71.77 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 15284.12 | 7605.08 | 24.15 | -1476.12 | -89.06 | 7535.12 | 107.35 | 70.73 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 15284.76 | 7605.09 | 23.51 | -1476.09 | -89.09 | 7437.08 | 107.53 | 69.68 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15285.41 | 7605.10 | 22.86 | -1476.06 | -89.11 | 7339.10 | 107.73 | 68.64 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15286.08 | 7605.11 | 22.20 | -1476.03 | -89.14 | 7241.17 | 107.94 | 67.59 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15286.75 | 7605.12 | 21.52 | -1475.99 | -89.17 | 7143.30 | 108.16 | 66.54 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15287.45 | 7605.13 | 20.83 | -1475.96 | -89.19 | 7045.49 | 108.39 | 65.49 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15288.15 | 7605.14 | 20.12 | -1475.92 | -89.22 | 6947.74 | 108.42 | 64.44 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15288.88 | 7605.15 | 19.40 | -1475.89 | -89.25 | 6850.06 | 108.67 | 63.39 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15289.61 | 7605.16 | 18.66 | -1475.85 | -89.28 | 6752.44 | 108.93 | 62.33 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15290.37 | 7605.17 | 17.91 | -1475.82 | -89.31 | 6654.90 | 109.21 | 61.27 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15291.14 | 7605.18 | 17.14 | -1475.78 | -89.33 | 6557.42 | 109.50 | 60.22 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15291.92 | 7605.19 | 16.36 | -1475.74 | -89.37 | 6460.03 | 109.80 | 59.16 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15292.72 | 7605.20 | 15.56 | -1475.70 | -89.40 | 6362.71 | 110.11 | 58.10 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15293.54 | 7605.21 | 14.74 | -1475.66 | -89.43 | 6265.48 | 110.44 | 57.04 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15294.38 | 7605.22 | 13.91 | -1475.61 | -89.46 | 6168.34 | 110.79 | 55.98 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15295.23 | 7605.24 | 13.05 | -1475.57 | -89.49 | 6071.29 | 111.15 | 54.92 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15296.11 | 7605.25 | 12.18 | -1475.53 | -89.53 | 5974.34 | 111.53 | 53.86 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15297.00 | 7605.26 | 11.28 | -1475.48 | -89.56 | 5877.49 | 111.93 | 52.79 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15297.92 | 7605.28 | 10.37 | -1475.43 | -89.60 | 5780.75 | 112.34 | 51.73 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15298.71 | 7605.29 | 9.58 | -1475.39 | -89.63 | 5699.57 | 112.70 | 50.84 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15298.88 | 7605.29 | 9.41 | -1475.38 | 68.41 | 5684.11 | 112.78 | 50.67 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15301.11 | 7605.33 | 7.19 | -1475.27 | 75.56 | 5587.40 | 113.23 | 49.61 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15305.32 | 7605.40 | 2.98 | -1475.04 | 83.00 | 5490.57 | 113.71 | 48.54 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15311.57 | 7605.51 | -3.26 | -1474.70 | 90.49 | 5393.74 | 114.21 | 47.48 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15319.93 | 7605.67 | -11.61 | -1474.22 | 97.77 | 5297.03 | 114.72 | 46.41 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15330.44 | 7605.89 | -22.10 | -1473.60 | 104.65 | 5200.53 | 115.26 | 45.36 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15367.30 | 7606.64 | -58.87 | -1471.31 | 110.33 | 5104.32 | 116.11 | 44.19 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15409.79 | 7607.37 | -101.28 | -1468.60 | 115.50 | 5008.44 | 117.02 | 43.02 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15456.52 | 7607.99 | -147.90 | -1465.53 | 120.19 | 4912.95 | 117.98 | 41.85 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15504.65 | 7608.44 | -195.92 | -1462.26 | 124.48 | 4817.92 | 118.95 | 40.71 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15532.81 | 7608.63 | -224.01 | -1460.40 | 128.67 | 4723.52 | 119.66 | 39.67 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15563.63 | 7608.81 | -254.78 | -1458.52 | 132.35 | 4629.91 | 120.40 | 38.64 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15597.11 | 7608.96 | -288.21 | -1456.66 | 135.59 | 4537.20 | 121.17 | 37.63 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15598.81 | 7608.97 | -289.90 | -1456.57 | 135.74 | 4532.71 | 121.20 | 37.58 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #35N-3HZ AWB Offset Wellpath: GRENNYER #35N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|-------------------------|---------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#05 GRENNYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) | | | Well: GRENNYER #35N-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15632.04 | 7609.08 | -323.09 | -1454.93 | 135.46 | 4445.04 | 121.96 | 36.62 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15666.95 | 7609.15 | -357.96 | -1453.42 | 135.14 | 4352.93 | 122.79 | 35.62 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15732.83 | 7608.98 | -423.80 | -1450.90 | 134.50 | 4260.76 | 124.05 | 34.51 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15803.62 | 7608.16 | -494.53 | -1448.41 | 133.74 | 4168.31 | 125.40 | 33.40 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15854.55 | 7607.16 | -545.43 | -1446.74 | 133.14 | 4075.65 | 126.52 | 32.36 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15879.03 | 7606.68 | -569.89 | -1445.99 | 132.85 | 3983.04 | 127.34 | 31.42 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15903.86 | 7606.25 | -594.71 | -1445.25 | 132.53 | 3890.58 | 128.20 | 30.49 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15929.05 | 7605.88 | -619.88 | -1444.54 | 132.21 | 3798.26 | 129.10 | 29.56 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15954.60 | 7605.57 | -645.42 | -1443.85 | 131.87 | 3706.09 | 130.03 | 28.63 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #35N-3HZ AWB Offset Wellpath: GRENNYER #35N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#05 GRENNYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) Well: GRENNYER #35N-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15980.52 | 7605.33 | -671.34 | -1443.19 | 131.51 | 3614.08 | 131.02 | 27.71 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 16006.83 | 7605.15 | -697.63 | -1442.56 | 131.13 | 3522.22 | 132.04 | 26.79 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 16035.82 | 7605.03 | -726.62 | -1441.89 | 130.70 | 3430.53 | 133.15 | 25.88 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 16066.55 | 7604.96 | -757.35 | -1441.21 | 130.23 | 3338.98 | 134.32 | 24.97 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 16097.59 | 7604.94 | -788.37 | -1440.55 | 129.74 | 3247.57 | 135.55 | 24.06 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 16128.93 | 7604.99 | -819.70 | -1439.90 | 129.22 | 3156.30 | 136.83 | 23.17 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 16160.57 | 7605.09 | -851.34 | -1439.26 | 128.67 | 3065.19 | 138.18 | 22.28 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 16194.24 | 7605.27 | -885.01 | -1438.62 | 128.06 | 2974.25 | 139.61 | 21.39 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 16238.23 | 7605.47 | -928.98 | -1437.78 | 127.22 | 2883.38 | 141.23 | 20.50 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 16281.77 | 7605.58 | -972.52 | -1436.94 | 126.34 | 2792.53 | 142.92 | 19.62 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 16324.89 | 7605.61 | -1015.63 | -1436.10 | 125.41 | 2701.73 | 144.68 | 18.75 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 16365.57 | 7605.55 | -1056.30 | -1435.29 | 124.48 | 2610.98 | 146.49 | 17.89 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 16396.93 | 7605.51 | -1087.66 | -1434.76 | 123.72 | 2520.41 | 148.30 | 17.06 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 16428.55 | 7605.49 | -1119.28 | -1434.35 | 122.91 | 2430.09 | 150.22 | 16.24 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 16460.44 | 7605.51 | -1151.16 | -1434.06 | 122.05 | 2340.04 | 152.27 | 15.43 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 16492.59 | 7605.56 | -1183.31 | -1433.91 | 121.13 | 2250.29 | 154.46 | 14.62 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 16525.01 | 7605.63 | -1215.73 | -1433.88 | 120.15 | 2160.87 | 156.81 | 13.83 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 16561.28 | 7605.75 | -1252.00 | -1433.98 | 118.99 | 2071.79 | 159.39 | 13.04 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 16598.43 | 7605.86 | -1289.15 | -1434.13 | 117.73 | 1983.03 | 162.17 | 12.27 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 16635.61 | 7605.98 | -1326.33 | -1434.33 | 116.39 | 1894.65 | 165.17 | 11.51 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 16672.85 | 7606.10 | -1363.56 | -1434.58 | 114.96 | 1806.68 | 168.43 | 10.76 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 16711.46 | 7606.22 | -1402.18 | -1434.89 | 113.39 | 1719.19 | 171.99 | 10.03 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 16755.48 | 7606.32 | -1446.20 | -1435.14 | 111.47 | 1632.15 | 175.93 | 9.31 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 16799.06 | 7606.35 | -1489.78 | -1435.18 | 109.43 | 1545.60 | 180.24 | 8.60 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 16841.70 | 7606.33 | -1532.42 | -1435.04 | 107.30 | 1459.63 | 184.94 | 7.92 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 16879.56 | 7606.29 | -1570.27 | -1434.84 | 105.28 | 1374.47 | 190.12 | 7.25 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 1290.70 | 195.57 | 6.62 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 1209.39 | 201.53 | 6.02 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 1131.08 | 208.05 | 5.45 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 1056.43 | 215.08 | 4.92 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 986.28 | 222.53 | 4.44 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 921.66 | 230.18 | 4.01 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 863.82 | 237.62 | 3.64 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 814.18 | 244.29 | 3.34 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 774.34 | 249.38 | 3.11 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 745.86 | 252.01 | 2.96 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #35N-3HZ AWB Offset Wellpath: GRENNYER #35N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---------------------------|--|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | | Slot: SLOT#05 GRENNYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) | | | | Well: GRENNYER #35N-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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 730.08 | 251.41 | 2.91 | PASS |
| 7925.10† | 7476.67 | -1986.96 | -845.92 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 729.31 | 251.18 | 2.91 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.92 | 728.64 | 250.91 | 2.91 | PASS |
| 7960.17† | 7508.37 | -2000.83 | -851.55 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 107.20 | 727.77 | 249.97 | 2.92 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 110.52 | 731.57 | 246.57 | 2.97 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 112.48 | 757.15 | 236.94 | 3.20 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 110.51 | 803.97 | 224.50 | 3.59 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 104.83 | 867.33 | 211.49 | 4.11 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 95.14 | 942.19 | 199.49 | 4.73 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #35N-3HZ AWP Offset Wellpath: GRENNYER #35N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#05 GRENNYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) Well: GRENNYER #35N-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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 81.53 | 1024.05 | 189.23 | 5.43 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1105.12 | 181.22 | 6.12 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1109.14 | 180.87 | 6.15 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1196.00 | 173.89 | 6.90 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1284.78 | 167.83 | 7.68 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1375.09 | 162.57 | 8.49 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1466.67 | 157.99 | 9.32 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1559.28 | 153.99 | 10.16 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1652.75 | 150.50 | 11.02 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1746.94 | 147.44 | 11.89 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1841.75 | 144.74 | 12.77 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 1937.08 | 142.37 | 13.66 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2032.86 | 140.27 | 14.55 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2129.02 | 138.40 | 15.45 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2225.53 | 136.75 | 16.34 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2322.33 | 135.27 | 17.24 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2419.39 | 133.95 | 18.14 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2516.68 | 132.77 | 19.04 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2614.17 | 131.71 | 19.94 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2711.85 | 130.76 | 20.83 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2809.69 | 129.90 | 21.73 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 2907.68 | 129.13 | 22.62 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3005.80 | 128.42 | 23.51 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3104.04 | 127.79 | 24.40 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3202.39 | 127.22 | 25.29 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3300.83 | 126.69 | 26.17 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3399.37 | 126.22 | 27.06 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3497.99 | 125.79 | 27.94 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3596.69 | 125.40 | 28.82 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3695.46 | 125.04 | 29.69 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3794.29 | 124.71 | 30.57 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3893.19 | 124.42 | 31.44 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 3992.13 | 124.15 | 32.31 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4091.13 | 123.90 | 33.18 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4190.18 | 123.68 | 34.04 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4289.27 | 123.48 | 34.91 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #35N-3HZ AWB Offset Wellpath: GRENNYER #35N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#05 GRENNYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) | | | | Well: GRENNYER #35N-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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4388.40 | 123.29 | 35.77 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4487.57 | 123.12 | 36.62 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4586.78 | 122.97 | 37.48 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4686.02 | 122.83 | 38.33 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4785.29 | 122.71 | 39.19 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4884.59 | 122.60 | 40.04 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 4983.92 | 122.50 | 40.88 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 5083.27 | 122.41 | 41.73 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 5182.65 | 122.33 | 42.57 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #35N-3HZ AWP Offset Wellpath: GRENNEMYER #35N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#05 GRENNEMYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) Well: GRENNEMYER #35N-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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 5282.06 | 122.26 | 43.42 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 16886.00 | 7606.28 | -1576.72 | -1434.81 | 66.37 | 5337.60 | 121.87 | 43.89 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENNEMYER #35N-3HZ AWP Offset Wellpath: GRENNEMYER #35N-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENNEMYER #35N-3HZ AWP Offset Wellpath: GRENNEMYER #35N-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1050.00 | 1034.00 | 66.00 | 1099.99 | 4752.62 | -1185.17 | 4752.89 | -1185.00 |
| 9.625in Casing Surface | 16.00 | 1050.00 | 1034.00 | 66.00 | 1099.99 | 4752.62 | -1185.17 | 4752.89 | -1185.00 |
| 8.75in Open Hole | 1050.00 | 7875.00 | 6825.00 | 1099.99 | 7625.38 | 4752.89 | -1185.00 | 4641.42 | -1055.89 |
| 7in Casing Intermediate | 16.00 | 7875.00 | 7859.00 | 66.00 | 7625.38 | 4752.62 | -1185.17 | 4641.42 | -1055.89 |
| 6.125in Open Hole | 7875.00 | 16886.00 | 9011.00 | 7625.38 | 7606.28 | 4641.42 | -1055.89 | 1895.74 | -1030.05 |

WELLPATH COMPOSITION - Offset Wellbore: GRENNEMYER #35N-3HZ AWP Offset Wellpath: GRENNEMYER #35N-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|----------------------------------|-------------------------|
| 16.00 | 983.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <116-983> | GRENNEMYER #35N-3HZ AWP |
| 983.00 | 16838.00 | ISCWSA MWD, Rev. 3, axial magnetic correction (Standard) | HALLIBURTON SURVEYS <1105-16838. | GRENNEMYER #35N-3HZ AWP |
| 16838.00 | 16886.00 | Blind Drilling (std) | Projection to bit | GRENNEMYER #35N-3HZ AWP |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENNEMYER #35N-3HZ AWP Offset Wellpath: GRENNEMYER #35N-3HZ AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#05 GRENNEMYER #35N-3HZ (445'FNL & 1615'FWL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#02 SHOOK 3-10-1NCH (2058'FSL & 2274'FEL, SEC.03) Well: SHOOK 3-10-1NCH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 16.00 | 16.00 | 0.00 | 0.00 | 17.00 | 16.00 | 0.00 | -75.65 | -90.00 | 75.65 | 1.57 | 124.16 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 117.00 | 116.00 | 0.00 | -75.65 | -90.00 | 75.65 | 1.88 | 81.34 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 217.00 | 216.00 | 0.00 | -75.65 | -90.00 | 75.65 | 2.45 | 50.38 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 317.00 | 316.00 | 0.00 | -75.65 | -90.00 | 75.65 | 3.05 | 35.84 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 417.00 | 416.00 | 0.00 | -75.65 | -90.00 | 75.65 | 3.66 | 27.69 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 517.00 | 516.00 | 0.00 | -75.65 | -90.00 | 75.65 | 4.28 | 22.52 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 617.00 | 616.00 | 0.00 | -75.65 | -90.00 | 75.65 | 4.90 | 18.96 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 717.00 | 716.00 | 0.00 | -75.65 | -90.00 | 75.65 | 5.53 | 16.37 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 817.00 | 816.00 | 0.00 | -75.65 | -90.00 | 75.65 | 5.77 | 14.47 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 917.00 | 916.00 | 0.00 | -75.65 | -90.00 | 75.65 | 6.40 | 12.91 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1017.00 | 1016.00 | 0.00 | -75.65 | -90.00 | 75.65 | 7.02 | 11.66 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1117.00 | 1116.00 | 0.00 | -75.65 | -90.00 | 75.65 | 7.65 | 10.62 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1217.00 | 1216.00 | 0.00 | -75.65 | -90.00 | 75.65 | 8.28 | 9.76 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1317.00 | 1316.00 | 0.00 | -75.65 | -90.00 | 75.65 | 8.90 | 9.02 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1417.00 | 1416.00 | 0.00 | -75.65 | -90.00 | 75.65 | 9.53 | 8.39 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1517.00 | 1516.00 | 0.00 | -75.65 | -90.00 | 75.65 | 10.16 | 7.84 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1616.68 | 1615.68 | -0.03 | -75.69 | -90.03 | 75.69 | 10.78 | 7.36 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1714.72 | 1713.69 | -1.57 | -77.33 | -91.16 | 77.38 | 11.44 | 7.07 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1812.50 | 1811.31 | -5.38 | -81.41 | -93.78 | 81.72 | 12.21 | 6.98 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1909.79 | 1908.18 | -11.42 | -87.88 | -97.41 | 88.96 | 13.00 | 7.12 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2006.36 | 2004.00 | -19.64 | -96.67 | -101.49 | 99.38 | 13.79 | 7.48 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2086.78 | 2083.44 | -28.17 | -105.80 | -104.91 | 110.73 | 14.47 | 7.93 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2102.02 | 2098.45 | -29.96 | -107.71 | 51.38 | 113.14 | 14.58 | 8.04 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2196.94 | 2191.63 | -42.31 | -120.93 | 48.13 | 128.87 | 15.36 | 8.68 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2291.29 | 2283.60 | -56.67 | -136.30 | 46.04 | 145.51 | 16.20 | 9.28 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2385.04 | 2374.25 | -72.98 | -153.75 | 44.76 | 162.86 | 17.02 | 9.87 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2478.19 | 2463.50 | -91.19 | -173.23 | 44.08 | 180.79 | 17.83 | 10.45 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2570.73 | 2551.26 | -111.22 | -194.67 | 43.83 | 199.25 | 18.66 | 10.99 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2662.65 | 2637.45 | -133.03 | -218.01 | 43.90 | 218.19 | 19.53 | 11.48 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2753.95 | 2722.00 | -156.55 | -243.17 | 44.20 | 237.61 | 20.36 | 11.98 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2844.63 | 2804.84 | -181.72 | -270.10 | 44.67 | 257.51 | 21.29 | 12.41 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2934.68 | 2885.92 | -208.47 | -298.73 | 45.28 | 277.89 | 22.31 | 12.77 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3024.10 | 2965.17 | -236.74 | -328.99 | 45.97 | 298.76 | 23.42 | 13.06 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3112.90 | 3042.56 | -266.48 | -360.81 | 46.73 | 320.14 | 24.66 | 13.27 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3209.96 | 3126.31 | -299.96 | -396.64 | 47.77 | 340.83 | 26.17 | 13.30 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3214.72 | 3130.42 | -301.60 | -398.39 | 47.82 | 341.79 | 26.24 | 13.30 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#02 SHOOK 3-10-1NCH (2058'FSL & 2274'FEL, SEC.03) | | | Well: SHOOK 3-10-1NCH | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3307.64 | 3210.60 | -333.66 | -432.70 | 49.18 | 360.47 | 27.80 | 13.22 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3405.31 | 3294.89 | -367.36 | -468.76 | 50.46 | 380.30 | 29.56 | 13.10 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3502.99 | 3379.18 | -401.06 | -504.82 | 51.61 | 400.29 | 31.43 | 12.96 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3600.67 | 3463.47 | -434.76 | -540.88 | 52.66 | 420.42 | 33.39 | 12.80 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3698.34 | 3547.75 | -468.46 | -576.95 | 53.61 | 440.68 | 35.43 | 12.63 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3796.02 | 3632.04 | -502.16 | -613.01 | 54.47 | 461.04 | 37.52 | 12.46 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3893.70 | 3716.33 | -535.86 | -649.07 | 55.27 | 481.50 | 39.68 | 12.30 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3991.37 | 3800.62 | -569.56 | -685.13 | 55.99 | 502.04 | 41.88 | 12.14 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4089.05 | 3884.91 | -603.26 | -721.19 | 56.67 | 522.65 | 44.12 | 11.99 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#02 SHOOK 3-10-1NCH (2058'FSL & 2274'FEL, SEC.03) Well: SHOOK 3-10-1NCH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4186.72 | 3969.20 | -636.96 | -757.25 | 57.29 | 543.32 | 46.40 | 11.85 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4284.40 | 4053.49 | -670.66 | -793.31 | 57.86 | 564.05 | 48.70 | 11.71 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4382.08 | 4137.77 | -704.36 | -829.38 | 58.40 | 584.83 | 51.03 | 11.58 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4479.75 | 4222.06 | -738.06 | -865.44 | 58.89 | 605.66 | 53.39 | 11.46 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4577.43 | 4306.35 | -771.76 | -901.50 | 59.36 | 626.53 | 55.76 | 11.34 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4675.11 | 4390.64 | -805.46 | -937.56 | 59.79 | 647.43 | 58.15 | 11.24 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4772.78 | 4474.93 | -839.16 | -973.62 | 60.20 | 668.37 | 60.56 | 11.13 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4870.46 | 4559.22 | -872.85 | -1009.68 | 60.58 | 689.33 | 62.98 | 11.04 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4968.13 | 4643.50 | -906.55 | -1045.75 | 60.94 | 710.33 | 65.41 | 10.95 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5065.81 | 4727.79 | -940.25 | -1081.81 | 61.28 | 731.35 | 67.86 | 10.86 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5163.49 | 4812.08 | -973.95 | -1117.87 | 61.60 | 752.40 | 70.31 | 10.78 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5261.16 | 4896.37 | -1007.65 | -1153.93 | 61.91 | 773.46 | 72.77 | 10.71 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5358.84 | 4980.66 | -1041.35 | -1189.99 | 62.19 | 794.55 | 75.24 | 10.63 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5456.52 | 5064.95 | -1075.05 | -1226.05 | 62.47 | 815.65 | 77.72 | 10.57 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5554.19 | 5149.24 | -1108.75 | -1262.11 | 62.73 | 836.77 | 80.20 | 10.50 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5651.87 | 5233.52 | -1142.45 | -1298.18 | 62.97 | 857.91 | 82.69 | 10.44 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5749.54 | 5317.81 | -1176.15 | -1334.24 | 63.20 | 879.06 | 85.18 | 10.38 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5847.22 | 5402.10 | -1209.85 | -1370.30 | 63.43 | 900.22 | 87.68 | 10.33 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5944.90 | 5486.39 | -1243.55 | -1406.36 | 63.64 | 921.39 | 90.18 | 10.28 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 6042.57 | 5570.68 | -1277.25 | -1442.42 | 63.84 | 942.58 | 92.69 | 10.23 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 6140.25 | 5654.97 | -1310.95 | -1478.48 | 64.04 | 963.78 | 95.20 | 10.18 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6237.92 | 5739.25 | -1344.65 | -1514.55 | 64.22 | 984.99 | 97.72 | 10.13 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6335.60 | 5823.54 | -1378.35 | -1550.61 | 64.40 | 1006.21 | 100.24 | 10.09 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6433.28 | 5907.83 | -1412.05 | -1586.67 | 64.57 | 1027.43 | 102.76 | 10.05 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6530.95 | 5992.12 | -1445.75 | -1622.73 | 64.74 | 1048.67 | 105.28 | 10.01 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6628.63 | 6076.41 | -1479.45 | -1658.79 | 64.89 | 1069.91 | 107.81 | 9.97 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6726.31 | 6160.70 | -1513.15 | -1694.85 | 65.05 | 1091.16 | 110.34 | 9.94 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6823.98 | 6244.99 | -1546.85 | -1730.91 | 65.19 | 1112.42 | 112.87 | 9.90 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6921.66 | 6329.27 | -1580.55 | -1766.98 | 65.33 | 1133.68 | 115.40 | 9.87 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 7019.33 | 6413.56 | -1614.25 | -1803.04 | 65.47 | 1154.95 | 117.94 | 9.84 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 7117.01 | 6497.85 | -1647.95 | -1839.10 | 65.60 | 1176.23 | 120.47 | 9.81 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 7214.69 | 6582.14 | -1681.65 | -1875.16 | 65.72 | 1197.51 | 123.01 | 9.78 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7312.36 | 6666.43 | -1715.34 | -1911.22 | 65.84 | 1218.80 | 125.55 | 9.75 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7410.04 | 6750.72 | -1749.04 | -1947.28 | 65.96 | 1240.09 | 128.09 | 9.72 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7507.72 | 6835.00 | -1782.74 | -1983.34 | 66.07 | 1261.39 | 130.64 | 9.69 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7605.39 | 6919.29 | -1816.44 | -2019.41 | 66.18 | 1282.69 | 133.18 | 9.67 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#02 SHOOK 3-10-1NCH (2058'FSL & 2274'FEL, SEC.03) | | | Well: SHOOK 3-10-1NCH | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7703.07 | 7003.58 | -1850.14 | -2055.47 | 66.29 | 1304.00 | 135.73 | 9.64 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7721.06 | 7019.10 | -1856.35 | -2062.11 | 66.31 | 1307.92 | 136.19 | 9.64 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7800.30 | 7087.49 | -1883.69 | -2091.37 | 70.67 | 1325.43 | 138.71 | 9.59 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7894.62 | 7168.88 | -1916.23 | -2126.19 | 73.52 | 1347.16 | 142.91 | 9.46 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7983.15 | 7245.27 | -1946.77 | -2158.87 | 75.19 | 1369.43 | 148.18 | 9.27 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 8063.19 | 7314.35 | -1974.39 | -2188.42 | 76.15 | 1392.89 | 154.25 | 9.06 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 8209.21 | 7435.30 | -2036.98 | -2240.11 | 78.45 | 1417.14 | 162.32 | 8.76 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 8465.66 | 7599.64 | -2218.08 | -2309.91 | 82.06 | 1436.42 | 169.85 | 8.48 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 8790.78 | 7679.00 | -2527.16 | -2342.64 | 83.80 | 1443.19 | 170.99 | 8.47 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0)

| Facility: SEC.03-T1S-R67W Slot: SLOT#02 SHOOK 3-10-1NCH (2058'FSL & 2274'FEL, SEC.03) Well: SHOOK 3-10-1NCH 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 8795.46 | 7679.00 | -2531.85 | -2342.62 | 83.80 | 1443.19 | 171.25 | 8.45 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 8895.46 | 7679.00 | -2631.85 | -2342.18 | 83.80 | 1443.19 | 176.92 | 8.18 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 8995.46 | 7679.00 | -2731.85 | -2341.74 | 83.80 | 1443.20 | 182.64 | 7.92 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 9095.46 | 7679.00 | -2831.85 | -2341.30 | 83.80 | 1443.21 | 188.39 | 7.68 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 9195.46 | 7679.00 | -2931.85 | -2340.86 | 83.80 | 1443.21 | 194.17 | 7.45 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 9295.46 | 7679.00 | -3031.84 | -2340.42 | 83.80 | 1443.22 | 200.56 | 7.21 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 9395.46 | 7679.00 | -3131.84 | -2339.98 | 83.80 | 1443.22 | 205.81 | 7.03 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 9495.46 | 7679.00 | -3231.84 | -2339.54 | 83.80 | 1443.23 | 211.67 | 6.83 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 9595.46 | 7679.00 | -3331.84 | -2339.10 | 83.80 | 1443.23 | 217.55 | 6.65 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 9695.46 | 7679.00 | -3431.84 | -2338.66 | 83.80 | 1443.24 | 223.45 | 6.47 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 9795.46 | 7679.00 | -3531.84 | -2338.22 | 83.80 | 1443.25 | 229.36 | 6.31 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 9895.46 | 7679.00 | -3631.84 | -2337.78 | 83.80 | 1443.25 | 235.29 | 6.15 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 9995.46 | 7679.00 | -3731.84 | -2337.34 | 83.80 | 1443.26 | 241.24 | 5.99 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 10095.46 | 7679.00 | -3831.84 | -2336.90 | 83.80 | 1443.26 | 247.20 | 5.85 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 10195.46 | 7679.00 | -3931.84 | -2336.46 | 83.80 | 1443.27 | 253.18 | 5.71 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 10295.46 | 7679.00 | -4031.83 | -2336.01 | 83.80 | 1443.27 | 259.17 | 5.58 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 10395.46 | 7679.00 | -4131.83 | -2335.57 | 83.80 | 1443.28 | 265.17 | 5.45 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 10495.46 | 7679.00 | -4231.83 | -2335.13 | 83.80 | 1443.29 | 271.18 | 5.33 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 10595.46 | 7679.00 | -4331.83 | -2334.69 | 83.80 | 1443.29 | 277.20 | 5.22 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 10695.46 | 7679.00 | -4431.83 | -2334.25 | 83.80 | 1443.30 | 283.23 | 5.10 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 10795.46 | 7679.00 | -4531.83 | -2333.81 | 83.80 | 1443.30 | 289.27 | 5.00 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 10895.46 | 7679.00 | -4631.83 | -2333.37 | 83.80 | 1443.31 | 295.32 | 4.89 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 10995.46 | 7679.00 | -4731.83 | -2332.93 | 83.80 | 1443.31 | 301.37 | 4.80 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 11095.46 | 7679.00 | -4831.83 | -2332.49 | 83.80 | 1443.32 | 307.44 | 4.70 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 11195.46 | 7679.00 | -4931.83 | -2332.05 | 83.80 | 1443.33 | 313.51 | 4.61 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 11295.46 | 7679.00 | -5031.83 | -2331.61 | 83.80 | 1443.33 | 319.58 | 4.52 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 11395.46 | 7679.00 | -5131.82 | -2331.17 | 83.80 | 1443.34 | 325.67 | 4.44 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 11495.46 | 7679.00 | -5231.82 | -2330.73 | 83.80 | 1443.34 | 331.76 | 4.36 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 11595.46 | 7679.00 | -5331.82 | -2330.29 | 83.80 | 1443.35 | 337.85 | 4.28 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 11695.46 | 7679.00 | -5431.82 | -2329.85 | 83.80 | 1443.35 | 343.95 | 4.20 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 11795.46 | 7679.00 | -5531.82 | -2329.41 | 83.80 | 1443.36 | 350.06 | 4.13 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 11895.46 | 7679.00 | -5631.82 | -2328.97 | 83.80 | 1443.37 | 356.16 | 4.06 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 11995.46 | 7679.00 | -5731.82 | -2328.53 | 83.80 | 1443.37 | 362.28 | 3.99 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 12095.46 | 7679.00 | -5831.82 | -2328.09 | 83.80 | 1443.38 | 368.40 | 3.92 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 12195.46 | 7679.00 | -5931.82 | -2327.65 | 83.80 | 1443.38 | 374.52 | 3.86 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 12295.46 | 7679.00 | -6031.82 | -2327.20 | 83.80 | 1443.39 | 380.65 | 3.80 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0) | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#02 SHOOK 3-10-1NCH (2058'FSL & 2274'FEL, SEC.03) | | | Well: SHOOK 3-10-1NCH | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 12395.46 | 7679.00 | -6131.81 | -2326.76 | 83.80 | 1443.39 | 386.78 | 3.74 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 12495.46 | 7679.00 | -6231.81 | -2326.32 | 83.80 | 1443.40 | 392.91 | 3.68 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 12595.46 | 7679.00 | -6331.81 | -2325.88 | 83.80 | 1443.41 | 399.05 | 3.62 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 12695.46 | 7679.00 | -6431.81 | -2325.44 | 83.80 | 1443.41 | 405.19 | 3.57 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 12795.46 | 7679.00 | -6531.81 | -2325.00 | 83.80 | 1443.42 | 411.33 | 3.51 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 12895.46 | 7679.00 | -6631.81 | -2324.56 | 83.80 | 1443.42 | 417.48 | 3.46 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 12995.46 | 7679.00 | -6731.81 | -2324.12 | 83.80 | 1443.43 | 423.62 | 3.41 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 13095.46 | 7679.00 | -6831.81 | -2323.68 | 83.80 | 1443.43 | 429.78 | 3.36 | PASS |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 13144.91 | 7679.00 | -6881.25 | -2323.46 | 83.80 | 1443.45 | 433.43 | 3.33 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH 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: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH 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 | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -46.12 | 0.00 | -46.12 |
| 9.625in Casing Surface | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -46.12 | 0.00 | -46.12 |
| 8.5in Open Hole | 800.00 | 13144.91 | 12344.91 | 799.00 | 7679.00 | 0.00 | -46.12 | -2097.40 | -731.26 |
| 5.5in Casing Production | 16.00 | 13144.91 | 13128.91 | 15.00 | 7679.00 | 0.00 | -46.12 | -2097.40 | -731.26 |

SURVEY PROGRAM - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|---------------------|
| 16.00 | 13144.91 | Custom NaviTrak (Standard) (Rockies 0.03Gt model) | | SHOOK 3-10-1NCH PWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SHOOK 3-10-1NCH PWB Offset Wellpath: SHOOK 3-10-1NCH PWP (REV-A.0)

| | |
|---------------------------------|---|
| MD Reference: RIG (16'KB) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) Well: SHOOK 3-10-1CDH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 16.00 | 16.00 | 0.00 | 0.00 | 17.00 | 16.00 | 0.00 | -89.66 | -90.00 | 89.66 | 1.57 | 147.44 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 117.00 | 116.00 | 0.00 | -89.66 | -90.00 | 89.66 | 1.88 | 96.59 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 217.00 | 216.00 | 0.00 | -89.66 | -90.00 | 89.66 | 2.45 | 59.83 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 317.00 | 316.00 | 0.00 | -89.66 | -90.00 | 89.66 | 3.05 | 42.57 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 417.00 | 416.00 | 0.00 | -89.66 | -90.00 | 89.66 | 3.66 | 32.88 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 517.00 | 516.00 | 0.00 | -89.66 | -90.00 | 89.66 | 4.28 | 26.74 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 617.00 | 616.00 | 0.00 | -89.66 | -90.00 | 89.66 | 4.90 | 22.52 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 717.00 | 716.00 | 0.00 | -89.66 | -90.00 | 89.66 | 5.53 | 19.44 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 817.00 | 816.00 | 0.00 | -89.66 | -90.00 | 89.66 | 5.77 | 17.17 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 917.00 | 916.00 | 0.00 | -89.66 | -90.00 | 89.66 | 6.40 | 15.32 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1017.00 | 1016.00 | 0.00 | -89.66 | -90.00 | 89.66 | 7.02 | 13.83 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1117.00 | 1116.00 | 0.00 | -89.66 | -90.00 | 89.66 | 7.65 | 12.61 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1217.00 | 1216.00 | 0.00 | -89.66 | -90.00 | 89.66 | 8.28 | 11.58 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1317.00 | 1316.00 | 0.00 | -89.66 | -90.00 | 89.66 | 8.90 | 10.71 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1417.00 | 1416.00 | 0.00 | -89.66 | -90.00 | 89.66 | 9.53 | 9.96 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1516.60 | 1515.60 | -0.03 | -89.70 | -90.02 | 89.70 | 10.16 | 9.31 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1614.19 | 1613.16 | -1.45 | -91.41 | -90.91 | 91.47 | 10.82 | 8.88 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1711.51 | 1710.32 | -4.99 | -95.66 | -92.99 | 95.96 | 11.61 | 8.65 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1808.35 | 1806.76 | -10.60 | -102.41 | -95.91 | 103.37 | 12.40 | 8.70 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1904.49 | 1902.15 | -18.22 | -111.59 | -99.28 | 113.91 | 13.20 | 8.98 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1999.72 | 1996.19 | -27.79 | -123.09 | -102.72 | 127.74 | 13.99 | 9.48 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2078.87 | 2073.93 | -37.26 | -134.48 | -105.49 | 141.96 | 14.63 | 10.06 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2093.85 | 2088.61 | -39.20 | -136.83 | 50.92 | 144.92 | 14.76 | 10.18 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2187.13 | 2179.56 | -52.42 | -152.73 | 48.25 | 164.01 | 15.52 | 10.94 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2279.73 | 2269.14 | -67.41 | -170.76 | 46.52 | 183.98 | 16.34 | 11.64 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2371.64 | 2357.25 | -84.11 | -190.85 | 45.47 | 204.65 | 17.14 | 12.32 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2462.85 | 2443.82 | -102.46 | -212.93 | 44.92 | 225.90 | 17.95 | 12.97 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2553.35 | 2528.77 | -122.40 | -236.91 | 44.73 | 247.68 | 18.79 | 13.57 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2643.13 | 2612.03 | -143.86 | -262.74 | 44.82 | 269.97 | 19.58 | 14.18 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2732.19 | 2693.55 | -166.79 | -290.32 | 45.10 | 292.74 | 20.44 | 14.71 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2820.53 | 2773.26 | -191.13 | -319.60 | 45.53 | 316.00 | 21.37 | 15.17 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2908.14 | 2851.12 | -216.80 | -350.49 | 46.08 | 339.76 | 22.38 | 15.56 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 2995.03 | 2927.09 | -243.75 | -382.91 | 46.70 | 364.02 | 23.49 | 15.87 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3086.63 | 3005.97 | -273.52 | -418.72 | 47.47 | 388.45 | 24.77 | 16.03 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3183.55 | 3089.26 | -305.19 | -456.83 | 48.54 | 411.11 | 26.31 | 15.96 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3188.28 | 3093.33 | -306.74 | -458.68 | 48.59 | 412.16 | 26.38 | 15.95 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W Slot: SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) Well: SHOOK 3-10-1CDH 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3280.60 | 3172.67 | -336.91 | -494.99 | 49.98 | 432.79 | 27.96 | 15.79 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3377.65 | 3256.08 | -368.63 | -533.14 | 51.30 | 454.71 | 29.74 | 15.58 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3474.71 | 3339.49 | -400.35 | -571.30 | 52.50 | 476.83 | 31.62 | 15.34 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3571.76 | 3422.90 | -432.07 | -609.46 | 53.59 | 499.15 | 33.60 | 15.10 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3668.81 | 3506.30 | -463.79 | -647.62 | 54.59 | 521.62 | 35.65 | 14.86 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3765.86 | 3589.71 | -495.51 | -685.78 | 55.51 | 544.23 | 37.77 | 14.62 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3862.91 | 3673.12 | -527.22 | -723.94 | 56.36 | 566.96 | 39.94 | 14.39 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3959.97 | 3756.53 | -558.94 | -762.10 | 57.14 | 589.80 | 42.17 | 14.17 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4057.02 | 3839.94 | -590.66 | -800.26 | 57.86 | 612.74 | 44.43 | 13.96 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0)

Facility: SEC.03-T1S-R67W Slot: SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) Well: SHOOK 3-10-1CDH 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4154.07 | 3923.34 | -622.38 | -838.42 | 58.53 | 635.77 | 46.73 | 13.77 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4251.12 | 4006.75 | -654.10 | -876.58 | 59.15 | 658.87 | 49.05 | 13.58 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4348.17 | 4090.16 | -685.82 | -914.74 | 59.73 | 682.04 | 51.41 | 13.41 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4445.23 | 4173.57 | -717.54 | -952.90 | 60.28 | 705.27 | 53.79 | 13.24 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4542.28 | 4256.98 | -749.25 | -991.06 | 60.79 | 728.56 | 56.19 | 13.09 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4639.33 | 4340.38 | -780.97 | -1029.22 | 61.26 | 751.90 | 58.60 | 12.95 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4736.38 | 4423.79 | -812.69 | -1067.37 | 61.71 | 775.29 | 61.04 | 12.82 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4833.43 | 4507.20 | -844.41 | -1105.53 | 62.14 | 798.72 | 63.48 | 12.69 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4930.49 | 4590.61 | -876.13 | -1143.69 | 62.53 | 822.19 | 65.94 | 12.57 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5027.54 | 4674.01 | -907.85 | -1181.85 | 62.91 | 845.69 | 68.41 | 12.46 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5124.59 | 4757.42 | -939.57 | -1220.01 | 63.27 | 869.23 | 70.89 | 12.36 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5221.64 | 4840.83 | -971.29 | -1258.17 | 63.60 | 892.80 | 73.38 | 12.26 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5318.69 | 4924.24 | -1003.00 | -1296.33 | 63.92 | 916.39 | 75.87 | 12.16 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5415.75 | 5007.65 | -1034.72 | -1334.49 | 64.23 | 940.01 | 78.38 | 12.08 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5512.80 | 5091.05 | -1066.44 | -1372.65 | 64.52 | 963.66 | 80.89 | 11.99 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5609.85 | 5174.46 | -1098.16 | -1410.81 | 64.79 | 987.33 | 83.40 | 11.91 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5706.90 | 5257.87 | -1129.88 | -1448.97 | 65.06 | 1011.01 | 85.93 | 11.84 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5803.95 | 5341.28 | -1161.60 | -1487.13 | 65.31 | 1034.72 | 88.45 | 11.77 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5901.01 | 5424.69 | -1193.32 | -1525.29 | 65.55 | 1058.44 | 90.98 | 11.70 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5998.06 | 5508.09 | -1225.03 | -1563.44 | 65.77 | 1082.19 | 93.52 | 11.64 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 6095.11 | 5591.50 | -1256.75 | -1601.60 | 65.99 | 1105.94 | 96.06 | 11.58 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6192.16 | 5674.91 | -1288.47 | -1639.76 | 66.20 | 1129.71 | 98.60 | 11.52 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6289.21 | 5758.32 | -1320.19 | -1677.92 | 66.40 | 1153.50 | 101.15 | 11.46 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6386.27 | 5841.73 | -1351.91 | -1716.08 | 66.60 | 1177.30 | 103.69 | 11.41 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6483.32 | 5925.13 | -1383.63 | -1754.24 | 66.78 | 1201.11 | 106.25 | 11.36 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6580.37 | 6008.54 | -1415.35 | -1792.40 | 66.96 | 1224.93 | 108.80 | 11.31 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6677.42 | 6091.95 | -1447.07 | -1830.56 | 67.13 | 1248.76 | 111.36 | 11.27 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6774.47 | 6175.36 | -1478.78 | -1868.72 | 67.30 | 1272.60 | 113.92 | 11.22 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6871.53 | 6258.77 | -1510.50 | -1906.88 | 67.46 | 1296.46 | 116.48 | 11.18 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 6968.58 | 6342.17 | -1542.22 | -1945.04 | 67.61 | 1320.32 | 119.04 | 11.14 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 7065.63 | 6425.58 | -1573.94 | -1983.20 | 67.76 | 1344.19 | 121.61 | 11.10 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 7162.68 | 6508.99 | -1605.66 | -2021.36 | 67.90 | 1368.06 | 124.17 | 11.06 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7259.73 | 6592.40 | -1637.38 | -2059.52 | 68.04 | 1391.95 | 126.74 | 11.03 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7356.79 | 6675.81 | -1669.10 | -2097.67 | 68.17 | 1415.84 | 129.31 | 10.99 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7453.84 | 6759.21 | -1700.82 | -2135.83 | 68.30 | 1439.74 | 131.88 | 10.96 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7550.89 | 6842.62 | -1732.53 | -2173.99 | 68.42 | 1463.65 | 134.45 | 10.93 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0) | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) | | | Well: SHOOK 3-10-1CDH | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7647.94 | 6926.03 | -1764.25 | -2212.15 | 68.54 | 1487.56 | 137.03 | 10.90 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7665.81 | 6941.39 | -1770.09 | -2219.18 | 68.57 | 1491.97 | 137.50 | 10.89 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7744.45 | 7008.97 | -1795.79 | -2250.10 | 72.66 | 1511.82 | 139.99 | 10.84 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7837.77 | 7089.17 | -1826.29 | -2286.79 | 75.04 | 1536.93 | 144.07 | 10.71 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7925.05 | 7164.18 | -1854.82 | -2321.11 | 76.13 | 1562.94 | 149.08 | 10.52 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 8003.63 | 7231.72 | -1880.50 | -2352.01 | 76.44 | 1590.25 | 154.81 | 10.31 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 8071.14 | 7289.73 | -1902.56 | -2378.55 | 76.04 | 1619.40 | 160.96 | 10.09 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 8125.51 | 7336.46 | -1920.33 | -2399.92 | 74.84 | 1650.90 | 167.18 | 9.91 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 8163.59 | 7369.19 | -1932.78 | -2414.90 | 72.80 | 1683.38 | 172.87 | 9.77 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0)

| Facility: SEC.03-T1S-R67W Slot: SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) Well: SHOOK 3-10-1CDH 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 8165.12 | 7370.50 | -1933.28 | -2415.50 | 72.85 | 1685.04 | 173.14 | 9.76 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 9125.17 | 7840.00 | -2633.09 | -2628.01 | 90.17 | 1720.57 | 178.35 | 9.68 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 9225.17 | 7840.00 | -2733.09 | -2627.57 | 90.17 | 1720.58 | 184.04 | 9.38 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 9325.17 | 7840.00 | -2833.09 | -2627.13 | 90.17 | 1720.59 | 189.77 | 9.09 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 9425.17 | 7840.00 | -2933.08 | -2626.69 | 90.17 | 1720.59 | 195.28 | 8.83 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 9525.17 | 7840.00 | -3033.08 | -2626.25 | 90.17 | 1720.60 | 201.31 | 8.57 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 9625.17 | 7840.00 | -3133.08 | -2625.81 | 90.17 | 1720.61 | 207.13 | 8.33 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 9725.17 | 7840.00 | -3233.08 | -2625.37 | 90.17 | 1720.61 | 212.97 | 8.10 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 9825.17 | 7840.00 | -3333.08 | -2624.93 | 90.17 | 1720.62 | 218.84 | 7.88 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 9925.17 | 7840.00 | -3433.08 | -2624.49 | 90.17 | 1720.63 | 224.72 | 7.67 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 10025.17 | 7840.00 | -3533.08 | -2624.05 | 90.17 | 1720.63 | 230.63 | 7.48 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 10125.17 | 7840.00 | -3633.08 | -2623.61 | 90.17 | 1720.64 | 236.56 | 7.29 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 10225.17 | 7840.00 | -3733.08 | -2623.17 | 90.17 | 1720.65 | 242.50 | 7.11 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 10325.17 | 7840.00 | -3833.08 | -2622.73 | 90.17 | 1720.65 | 248.46 | 6.94 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 10425.17 | 7840.00 | -3933.08 | -2622.29 | 90.17 | 1720.66 | 254.44 | 6.78 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 10525.17 | 7840.00 | -4033.07 | -2621.85 | 90.17 | 1720.67 | 260.43 | 6.62 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 10625.17 | 7840.00 | -4133.07 | -2621.42 | 90.17 | 1720.68 | 266.43 | 6.47 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 10725.17 | 7840.00 | -4233.07 | -2620.98 | 90.17 | 1720.68 | 272.45 | 6.33 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 10825.17 | 7840.00 | -4333.07 | -2620.54 | 90.17 | 1720.69 | 278.47 | 6.19 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 10925.17 | 7840.00 | -4433.07 | -2620.10 | 90.17 | 1720.70 | 284.51 | 6.06 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 11025.17 | 7840.00 | -4533.07 | -2619.66 | 90.17 | 1720.70 | 290.56 | 5.93 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 11125.17 | 7840.00 | -4633.07 | -2619.22 | 90.17 | 1720.71 | 296.61 | 5.81 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 11225.17 | 7840.00 | -4733.07 | -2618.78 | 90.17 | 1720.72 | 302.68 | 5.69 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 11325.17 | 7840.00 | -4833.07 | -2618.34 | 90.17 | 1720.72 | 308.75 | 5.58 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 11425.17 | 7840.00 | -4933.07 | -2617.90 | 90.17 | 1720.73 | 314.83 | 5.47 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 11525.17 | 7840.00 | -5033.06 | -2617.46 | 90.17 | 1720.74 | 320.92 | 5.37 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 11625.17 | 7840.00 | -5133.06 | -2617.02 | 90.17 | 1720.74 | 327.02 | 5.27 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 11725.17 | 7840.00 | -5233.06 | -2616.58 | 90.17 | 1720.75 | 333.12 | 5.17 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 11825.17 | 7840.00 | -5333.06 | -2616.14 | 90.17 | 1720.76 | 339.23 | 5.08 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 11925.17 | 7840.00 | -5433.06 | -2615.70 | 90.17 | 1720.77 | 345.35 | 4.99 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 12025.17 | 7840.00 | -5533.06 | -2615.26 | 90.17 | 1720.77 | 351.47 | 4.90 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 12125.17 | 7840.00 | -5633.06 | -2614.83 | 90.17 | 1720.78 | 357.59 | 4.82 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 12225.17 | 7840.00 | -5733.06 | -2614.39 | 90.17 | 1720.79 | 363.72 | 4.74 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 12325.17 | 7840.00 | -5833.06 | -2613.95 | 90.17 | 1720.79 | 369.86 | 4.66 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 12425.17 | 7840.00 | -5933.06 | -2613.51 | 90.17 | 1720.80 | 376.00 | 4.58 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 12525.17 | 7840.00 | -6033.05 | -2613.07 | 90.17 | 1720.81 | 382.14 | 4.51 | PASS |

| CLEARANCE DATA - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0) | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T1S-R67W | | | Slot: SLOT#01 SHOOK 3-10-1CDH (2058'FSL & 2289'FEL, SEC.03) | | | Well: SHOOK 3-10-1CDH | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 12625.17 | 7840.00 | -6133.05 | -2612.63 | 90.17 | 1720.81 | 388.29 | 4.44 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 12725.17 | 7840.00 | -6233.05 | -2612.19 | 90.17 | 1720.82 | 394.44 | 4.37 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 12825.17 | 7840.00 | -6333.05 | -2611.75 | 90.17 | 1720.83 | 400.60 | 4.30 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 12925.17 | 7840.00 | -6433.05 | -2611.31 | 90.17 | 1720.83 | 406.76 | 4.24 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 13025.17 | 7840.00 | -6533.05 | -2610.87 | 90.17 | 1720.84 | 412.92 | 4.17 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 13125.17 | 7840.00 | -6633.05 | -2610.43 | 90.17 | 1720.85 | 419.09 | 4.11 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 13225.17 | 7840.00 | -6733.05 | -2609.99 | 90.17 | 1720.86 | 425.26 | 4.05 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 13325.17 | 7840.00 | -6833.05 | -2609.55 | 90.17 | 1720.86 | 431.43 | 3.99 | PASS |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 13373.35 | 7840.00 | -6881.23 | -2609.34 | 90.17 | 1720.88 | 435.11 | 3.96 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

POSITIONAL UNCERTAINTY - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH 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: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH 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 | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -54.66 | 0.00 | -54.66 |
| 9.625in Casing Surface | 16.00 | 800.00 | 784.00 | 15.00 | 799.00 | 0.00 | -54.66 | 0.00 | -54.66 |
| 8.5in Open Hole | 800.00 | 13373.35 | 12573.35 | 799.00 | 7840.00 | 0.00 | -54.66 | -2097.39 | -822.66 |
| 5.5in Casing Production | 16.00 | 13373.35 | 13357.35 | 15.00 | 7840.00 | 0.00 | -54.66 | -2097.39 | -822.66 |

SURVEY PROGRAM - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0)

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|---|------------------|---------------------|
| 16.00 | 13373.35 | Custom NaviTrak (Standard) (Rockies 0.03Gt model) | | SHOOK 3-10-1CDH PWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SHOOK 3-10-1CDH PWB Offset Wellpath: SHOOK 3-10-1CDH PWP (REV-A.0)

| | |
|---------------------------------|---|
| MD Reference: RIG (16'KB) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #14C-3HZ AWP Offset Wellpath: GRENNYER #14C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#02 GRENNYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) Well: GRENNYER #14C-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 48.00 | 7607.74 | -876.74 | -6.57 | 7658.16 | 25.57 | 311.25 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 106.01 | 154.01 | 7607.52 | -876.68 | -6.57 | 7657.96 | 60.36 | 128.92 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 219.93 | 267.93 | 7606.86 | -876.32 | -6.57 | 7657.35 | 60.37 | 128.87 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 15096.09 | 7844.21 | 27.43 | -1064.25 | -88.52 | 7603.11 | 91.92 | 83.45 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15096.19 | 7844.21 | 27.33 | -1064.25 | -88.53 | 7504.11 | 91.95 | 82.33 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15096.29 | 7844.21 | 27.23 | -1064.25 | -88.53 | 7405.14 | 91.99 | 81.22 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15096.39 | 7844.21 | 27.13 | -1064.25 | -88.54 | 7306.19 | 92.02 | 80.10 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15096.50 | 7844.21 | 27.02 | -1064.25 | -88.55 | 7207.27 | 92.06 | 78.98 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15096.60 | 7844.21 | 26.91 | -1064.25 | -88.55 | 7108.38 | 91.90 | 77.86 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15096.71 | 7844.21 | 26.81 | -1064.25 | -88.56 | 7009.53 | 91.95 | 76.74 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15096.82 | 7844.21 | 26.70 | -1064.26 | -88.56 | 6910.70 | 92.00 | 75.61 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15096.93 | 7844.21 | 26.58 | -1064.26 | -88.57 | 6811.91 | 92.06 | 74.48 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15097.05 | 7844.21 | 26.47 | -1064.26 | -88.58 | 6713.16 | 92.12 | 73.36 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15097.16 | 7844.21 | 26.35 | -1064.26 | -88.58 | 6614.45 | 92.18 | 72.23 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15097.28 | 7844.21 | 26.23 | -1064.26 | -88.59 | 6515.77 | 92.25 | 71.10 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15097.40 | 7844.21 | 26.11 | -1064.26 | -88.59 | 6417.13 | 92.32 | 69.96 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15097.53 | 7844.21 | 25.99 | -1064.26 | -88.60 | 6318.54 | 92.40 | 68.83 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15097.65 | 7844.21 | 25.87 | -1064.27 | -88.61 | 6219.99 | 92.48 | 67.70 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15097.78 | 7844.21 | 25.74 | -1064.27 | -88.61 | 6121.49 | 92.57 | 66.56 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15097.91 | 7844.21 | 25.61 | -1064.27 | -88.62 | 6023.04 | 92.66 | 65.42 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15098.04 | 7844.21 | 25.48 | -1064.27 | -88.63 | 5924.64 | 92.76 | 64.29 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15098.15 | 7844.21 | 25.37 | -1064.27 | -88.64 | 5842.03 | 92.84 | 63.33 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15098.20 | 7844.21 | 25.32 | -1064.27 | 69.92 | 5826.30 | 92.86 | 63.15 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15099.63 | 7844.22 | 23.89 | -1064.29 | 80.56 | 5727.88 | 92.98 | 62.00 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15103.07 | 7844.23 | 20.45 | -1064.33 | 91.60 | 5629.42 | 93.12 | 60.84 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15108.57 | 7844.25 | 14.95 | -1064.38 | 102.27 | 5531.02 | 93.29 | 59.67 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15116.17 | 7844.28 | 7.34 | -1064.45 | 111.92 | 5432.81 | 93.48 | 58.49 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15125.92 | 7844.33 | -2.40 | -1064.52 | 120.24 | 5334.90 | 93.69 | 57.31 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15141.71 | 7844.45 | -18.19 | -1064.60 | 127.12 | 5237.41 | 93.97 | 56.09 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15169.54 | 7844.63 | -46.02 | -1064.75 | 132.68 | 5140.42 | 94.38 | 54.81 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15200.99 | 7844.80 | -77.47 | -1064.94 | 137.33 | 5044.02 | 94.82 | 53.53 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15235.98 | 7844.92 | -112.45 | -1065.19 | 141.25 | 4948.32 | 95.31 | 52.24 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15274.40 | 7844.99 | -150.88 | -1065.51 | 144.57 | 4853.41 | 95.84 | 50.96 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15323.44 | 7844.97 | -199.92 | -1065.99 | 147.39 | 4759.37 | 96.49 | 49.63 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15393.96 | 7844.47 | -270.42 | -1066.94 | 149.79 | 4666.17 | 97.36 | 48.22 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15397.47 | 7844.43 | -273.93 | -1066.99 | 149.90 | 4661.66 | 97.40 | 48.16 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #14C-3HZ AWB Offset Wellpath: GRENNYER #14C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#02 GRENNYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) | | | | Well: GRENNYER #14C-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15464.89 | 7843.36 | -341.33 | -1068.22 | 149.66 | 4573.31 | 98.24 | 46.84 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15488.01 | 7842.91 | -364.44 | -1068.69 | 149.58 | 4480.34 | 98.65 | 45.69 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15504.49 | 7842.68 | -380.92 | -1069.02 | 149.51 | 4387.54 | 99.00 | 44.59 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15521.37 | 7842.52 | -397.80 | -1069.34 | 149.45 | 4294.92 | 99.37 | 43.48 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15538.66 | 7842.44 | -415.09 | -1069.66 | 149.38 | 4202.49 | 99.76 | 42.38 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15556.38 | 7842.46 | -432.80 | -1069.97 | 149.32 | 4110.25 | 100.17 | 41.28 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15651.14 | 7841.87 | -527.53 | -1072.22 | 148.90 | 4017.73 | 101.34 | 39.88 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15667.04 | 7841.71 | -543.42 | -1072.66 | 148.82 | 3925.16 | 101.75 | 38.80 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15683.39 | 7841.65 | -559.77 | -1073.05 | 148.75 | 3832.81 | 102.18 | 37.73 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #14C-3HZ AWP Offset Wellpath: GRENNYER #14C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#02 GRENNYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) Well: GRENNYER #14C-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15700.22 | 7841.69 | -576.59 | -1073.41 | 148.67 | 3740.68 | 102.63 | 36.66 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 15717.53 | 7841.85 | -593.90 | -1073.71 | 148.59 | 3648.79 | 103.11 | 35.59 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 15748.22 | 7842.34 | -624.58 | -1074.18 | 148.45 | 3557.11 | 103.72 | 34.49 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 15801.85 | 7843.00 | -678.20 | -1075.25 | 148.18 | 3465.36 | 104.54 | 33.34 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 15844.95 | 7843.36 | -721.28 | -1076.31 | 147.93 | 3373.51 | 105.29 | 32.22 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 15885.08 | 7843.69 | -761.40 | -1077.26 | 147.70 | 3281.65 | 106.01 | 31.13 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 15990.44 | 7843.32 | -866.71 | -1080.54 | 146.96 | 3189.47 | 107.30 | 29.89 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 16032.86 | 7842.53 | -909.08 | -1082.34 | 146.59 | 3096.80 | 108.06 | 28.81 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 16074.01 | 7841.68 | -950.17 | -1084.15 | 146.21 | 3004.08 | 108.82 | 27.76 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 16109.66 | 7840.91 | -985.78 | -1085.80 | 145.86 | 2911.37 | 109.55 | 26.72 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 16145.34 | 7840.13 | -1021.41 | -1087.54 | 145.48 | 2818.68 | 110.29 | 25.69 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 16169.87 | 7839.63 | -1045.91 | -1088.77 | 145.20 | 2726.09 | 110.97 | 24.70 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 16191.41 | 7839.34 | -1067.42 | -1089.78 | 144.95 | 2633.74 | 111.64 | 23.71 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 16213.64 | 7839.20 | -1089.62 | -1090.76 | 144.69 | 2541.64 | 112.35 | 22.74 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 16236.59 | 7839.22 | -1112.56 | -1091.70 | 144.42 | 2449.80 | 113.08 | 21.78 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 16281.99 | 7839.35 | -1157.92 | -1093.52 | 143.84 | 2358.08 | 113.98 | 20.79 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 16328.04 | 7839.31 | -1203.92 | -1095.51 | 143.20 | 2266.26 | 114.90 | 19.82 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 16373.31 | 7839.08 | -1249.15 | -1097.58 | 142.49 | 2174.35 | 115.84 | 18.86 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 16413.84 | 7838.72 | -1289.63 | -1099.55 | 141.79 | 2082.38 | 116.77 | 17.92 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 16440.60 | 7838.56 | -1316.36 | -1100.90 | 141.29 | 1990.57 | 117.66 | 17.00 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 16468.09 | 7838.54 | -1343.81 | -1102.33 | 140.74 | 1899.03 | 118.60 | 16.09 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 16497.94 | 7838.69 | -1373.61 | -1103.93 | 140.11 | 1807.79 | 119.60 | 15.19 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 16539.86 | 7838.95 | -1415.47 | -1106.19 | 139.14 | 1716.69 | 120.68 | 14.29 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 16581.51 | 7839.16 | -1457.06 | -1108.41 | 138.08 | 1625.61 | 121.80 | 13.41 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 16622.89 | 7839.31 | -1498.38 | -1110.60 | 136.90 | 1534.59 | 122.98 | 12.54 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 16663.07 | 7839.41 | -1538.51 | -1112.72 | 135.63 | 1443.65 | 124.22 | 11.67 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 1352.85 | 125.54 | 10.82 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 1262.99 | 127.01 | 9.99 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 1174.78 | 128.64 | 9.17 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 1088.60 | 130.45 | 8.38 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 1004.98 | 132.43 | 7.62 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 924.63 | 134.54 | 6.90 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 848.46 | 136.74 | 6.23 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 777.70 | 138.85 | 5.62 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 713.98 | 140.65 | 5.09 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 659.33 | 141.74 | 4.67 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENEMYER #14C-3HZ AWB Offset Wellpath: GRENEMYER #14C-3HZ AWP | | | | | | | | | | | | |
|---|-----------------|---|------------------|-------------------|--------------------|--------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | Slot: SLOT#02 GRENEMYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) | | | | Well: GRENEMYER #14C-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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 616.16 | 141.65 | 4.36 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 134.43 | 609.67 | 141.47 | 4.32 | PASS |
| 8005.41† | 7547.99 | -2021.50 | -858.58 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 140.24 | 593.43 | 140.16 | 4.25 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 140.86 | 592.41 | 139.86 | 4.25 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 144.60 | 601.02 | 136.44 | 4.42 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 145.41 | 640.72 | 132.30 | 4.86 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 143.49 | 705.21 | 128.49 | 5.51 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 137.60 | 786.75 | 125.53 | 6.29 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 123.28 | 878.53 | 123.40 | 7.15 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #14C-3HZ AWP Offset Wellpath: GRENNEMYER #14C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#02 GRENNEMYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) Well: GRENNEMYER #14C-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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 970.70 | 121.99 | 7.99 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 975.28 | 121.94 | 8.03 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1073.31 | 120.86 | 8.92 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1171.66 | 120.00 | 9.81 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1270.28 | 119.30 | 10.70 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1369.09 | 118.72 | 11.59 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1468.07 | 118.24 | 12.47 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1567.17 | 117.84 | 13.36 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1666.39 | 117.49 | 14.25 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1765.69 | 117.20 | 15.14 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1865.07 | 116.95 | 16.03 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 1964.50 | 116.73 | 16.91 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2064.00 | 116.54 | 17.80 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2163.54 | 116.38 | 18.68 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2263.12 | 116.24 | 19.57 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2362.74 | 116.11 | 20.45 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2462.38 | 116.01 | 21.33 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2562.06 | 115.91 | 22.21 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2661.76 | 115.83 | 23.10 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2761.48 | 115.76 | 23.98 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2861.22 | 115.71 | 24.85 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 2960.98 | 115.66 | 25.73 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3060.75 | 115.62 | 26.61 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3160.54 | 115.58 | 27.48 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3260.34 | 115.56 | 28.36 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3360.15 | 115.54 | 29.23 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3459.98 | 115.52 | 30.10 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3559.81 | 115.51 | 30.98 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3659.65 | 115.51 | 31.85 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3759.50 | 115.51 | 32.71 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3859.36 | 115.51 | 33.58 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 3959.23 | 115.52 | 34.45 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4059.10 | 115.54 | 35.31 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4158.98 | 115.55 | 36.18 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4258.86 | 115.57 | 37.04 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4358.75 | 115.60 | 37.90 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #14C-3HZ AWB Offset Wellpath: GRENNYER #14C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#02 GRENNYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) | | | | Well: GRENNYER #14C-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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4458.65 | 115.62 | 38.76 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4558.55 | 115.65 | 39.62 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4658.45 | 115.68 | 40.48 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4758.36 | 115.72 | 41.33 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4858.27 | 115.75 | 42.19 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 4958.18 | 115.79 | 43.04 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 5058.10 | 115.83 | 43.89 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 5158.02 | 115.88 | 44.74 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 5257.95 | 115.92 | 45.59 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENEMYER #14C-3HZ AWB Offset Wellpath: GRENEMYER #14C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#02 GRENEMYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) Well: GRENEMYER #14C-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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 16697.00 | 7839.49 | -1572.39 | -1114.50 | 91.27 | 5313.77 | 115.59 | 46.07 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENEMYER #14C-3HZ AWB Offset Wellpath: GRENEMYER #14C-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENEMYER #14C-3HZ AWB Offset Wellpath: GRENEMYER #14C-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1107.00 | 1091.00 | 64.00 | 1154.97 | 4637.68 | -534.38 | 4636.82 | -532.54 |
| 9.625in Casing Surface | 16.00 | 1107.00 | 1091.00 | 64.00 | 1154.97 | 4637.68 | -534.38 | 4636.82 | -532.54 |
| 8.75in Open Hole | 1107.00 | 8185.00 | 7078.00 | 1154.97 | 7819.62 | 4636.82 | -532.54 | 4432.82 | -605.37 |
| 7in Casing Intermediate | 16.00 | 8173.00 | 8157.00 | 64.00 | 7819.48 | 4637.68 | -534.38 | 4436.48 | -605.36 |
| 6.125in Open Hole | 8185.00 | 16697.00 | 8512.00 | 7819.62 | 7839.49 | 4432.82 | -605.37 | 1839.59 | -606.95 |

WELLPATH COMPOSITION - Offset Wellbore: GRENEMYER #14C-3HZ AWB Offset Wellpath: GRENEMYER #14C-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--------------------------------------|--|------------------------|
| 16.00 | 963.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <116-963> | GRENEMYER #14C-3HZ AWB |
| 963.00 | 8127.00 | NaviTrak (Magcorr,IFR) | BHI MWD + IFR SURVEYS 8.75" HOLE <1183-8127> | GRENEMYER #14C-3HZ AWB |
| 8127.00 | 16645.00 | NaviTrak (Magcorr,IFR) | BHI MWD + IFR SURVEYS 6.125" HOLE <8184-16645> | GRENEMYER #14C-3HZ AWB |
| 16645.00 | 16697.00 | Blind Drilling (std) | Projection to bit | GRENEMYER #14C-3HZ AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENEMYER #14C-3HZ AWB Offset Wellpath: GRENEMYER #14C-3HZ AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#02 GRENEMYER #14C-3HZ (636'FNL & 2605'FEL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #35C-3HZ AWB Offset Wellpath: GRENNYER #35C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#04 GRENNYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) Well: GRENNYER #35C-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 50.00 | 7795.11 | -1972.50 | -14.20 | 8040.87 | 25.57 | 326.80 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 15535.48 | 7839.96 | -208.42 | -1900.87 | -96.26 | 7957.16 | 110.71 | 72.40 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 15534.58 | 7839.98 | -207.52 | -1900.90 | -96.23 | 7860.12 | 110.94 | 71.37 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 15533.67 | 7840.00 | -206.62 | -1900.93 | -96.20 | 7763.17 | 111.18 | 70.33 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15532.75 | 7840.02 | -205.70 | -1900.95 | -96.18 | 7666.29 | 111.44 | 69.30 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15531.82 | 7840.03 | -204.76 | -1900.98 | -96.15 | 7569.49 | 111.70 | 68.26 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15530.87 | 7840.05 | -203.82 | -1901.01 | -96.12 | 7472.77 | 111.98 | 67.22 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15529.92 | 7840.07 | -202.86 | -1901.04 | -96.09 | 7376.15 | 112.27 | 66.18 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15528.94 | 7840.09 | -201.89 | -1901.07 | -96.06 | 7279.61 | 112.36 | 65.14 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15527.96 | 7840.11 | -200.91 | -1901.10 | -96.03 | 7183.17 | 112.67 | 64.09 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15526.96 | 7840.13 | -199.91 | -1901.13 | -96.00 | 7086.82 | 113.00 | 63.05 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15525.23 | 7840.17 | -198.18 | -1901.18 | -95.95 | 6990.58 | 113.34 | 62.01 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15510.21 | 7840.47 | -183.17 | -1901.62 | -95.50 | 6894.44 | 113.53 | 61.05 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15497.14 | 7840.72 | -170.11 | -1901.99 | -95.11 | 6798.42 | 113.77 | 60.07 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15485.66 | 7840.92 | -158.63 | -1902.29 | -94.77 | 6702.50 | 114.03 | 59.09 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15475.50 | 7841.09 | -148.48 | -1902.55 | -94.46 | 6606.70 | 114.33 | 58.09 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15466.44 | 7841.23 | -139.43 | -1902.77 | -94.19 | 6511.03 | 114.66 | 57.08 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15458.32 | 7841.35 | -131.30 | -1902.95 | -93.95 | 6415.48 | 115.02 | 56.07 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15450.99 | 7841.45 | -123.98 | -1903.11 | -93.73 | 6320.07 | 115.40 | 55.05 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15444.35 | 7841.54 | -117.34 | -1903.26 | -93.53 | 6224.81 | 115.82 | 54.03 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15438.30 | 7841.62 | -111.29 | -1903.38 | -93.35 | 6129.69 | 116.26 | 53.00 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15433.62 | 7841.68 | -106.61 | -1903.47 | -93.21 | 6049.91 | 116.65 | 52.13 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15432.94 | 7841.69 | -105.94 | -1903.49 | 64.62 | 6034.72 | 116.73 | 51.96 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15436.78 | 7841.64 | -109.78 | -1903.41 | 70.18 | 5939.63 | 117.33 | 50.88 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15453.29 | 7841.42 | -126.27 | -1903.06 | 75.66 | 5844.33 | 118.09 | 49.74 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15480.93 | 7841.00 | -153.91 | -1902.41 | 81.03 | 5748.90 | 118.98 | 48.56 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15518.37 | 7840.31 | -191.33 | -1901.39 | 86.22 | 5653.42 | 119.99 | 47.35 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15531.75 | 7840.04 | -204.70 | -1900.98 | 92.20 | 5557.97 | 120.71 | 46.27 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15540.41 | 7839.87 | -213.35 | -1900.72 | 98.19 | 5462.70 | 121.37 | 45.23 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15550.92 | 7839.68 | -223.86 | -1900.42 | 103.86 | 5367.72 | 122.05 | 44.19 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15563.32 | 7839.47 | -236.24 | -1900.06 | 109.14 | 5273.16 | 122.76 | 43.17 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15577.62 | 7839.26 | -250.54 | -1899.66 | 113.97 | 5179.13 | 123.49 | 42.14 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15593.86 | 7839.06 | -266.77 | -1899.22 | 118.36 | 5085.75 | 124.24 | 41.13 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15612.06 | 7838.88 | -284.97 | -1898.74 | 122.31 | 4993.14 | 125.02 | 40.13 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15632.24 | 7838.73 | -305.14 | -1898.23 | 125.85 | 4901.42 | 125.84 | 39.14 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15633.28 | 7838.72 | -306.18 | -1898.20 | 126.02 | 4896.98 | 125.87 | 39.09 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #35C-3HZ AWP Offset Wellpath: GRENNYER #35C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#04 GRENNYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) | | | | Well: GRENNYER #35C-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15653.68 | 7838.64 | -326.57 | -1897.71 | 125.77 | 4810.32 | 126.68 | 38.15 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15675.46 | 7838.61 | -348.34 | -1897.21 | 125.49 | 4719.42 | 127.57 | 37.17 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15697.60 | 7838.65 | -370.48 | -1896.73 | 125.21 | 4628.71 | 128.50 | 36.19 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15720.18 | 7838.76 | -393.05 | -1896.28 | 124.92 | 4538.20 | 129.48 | 35.21 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15743.10 | 7838.92 | -415.97 | -1895.88 | 124.61 | 4447.91 | 130.51 | 34.24 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15766.36 | 7839.16 | -439.23 | -1895.54 | 124.30 | 4357.83 | 131.59 | 33.27 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15789.97 | 7839.46 | -462.83 | -1895.25 | 123.97 | 4267.98 | 132.72 | 32.30 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15813.94 | 7839.83 | -486.80 | -1895.03 | 123.63 | 4178.37 | 133.90 | 31.34 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15838.27 | 7840.28 | -511.13 | -1894.86 | 123.27 | 4089.01 | 135.14 | 30.39 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #35C-3HZ AWB Offset Wellpath: GRENNYER #35C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#04 GRENNYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) Well: GRENNYER #35C-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15862.99 | 7840.80 | -535.84 | -1894.77 | 122.90 | 3999.91 | 136.44 | 29.44 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 15959.42 | 7842.22 | -632.25 | -1894.68 | 121.37 | 3910.79 | 138.71 | 28.31 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 16048.05 | 7841.94 | -720.89 | -1894.84 | 119.83 | 3821.14 | 140.95 | 27.22 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 16081.69 | 7841.59 | -754.52 | -1895.01 | 119.20 | 3731.47 | 142.55 | 26.28 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 16115.35 | 7841.22 | -788.18 | -1895.28 | 118.55 | 3641.99 | 144.23 | 25.35 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 16149.02 | 7840.83 | -821.85 | -1895.65 | 117.88 | 3552.72 | 145.99 | 24.43 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 16182.72 | 7840.43 | -855.54 | -1896.13 | 117.18 | 3463.68 | 147.83 | 23.52 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 16216.89 | 7840.01 | -889.70 | -1896.72 | 116.45 | 3374.88 | 149.76 | 22.62 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 16253.62 | 7839.64 | -926.43 | -1897.26 | 115.64 | 3286.32 | 151.80 | 21.73 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 16290.75 | 7839.38 | -963.56 | -1897.57 | 114.80 | 3198.00 | 153.94 | 20.85 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 16328.28 | 7839.24 | -1001.09 | -1897.67 | 113.93 | 3109.94 | 156.17 | 19.99 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 16366.22 | 7839.22 | -1039.03 | -1897.53 | 113.02 | 3022.15 | 158.50 | 19.14 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 16397.76 | 7839.30 | -1070.56 | -1897.28 | 112.25 | 2934.67 | 160.86 | 18.31 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 16424.87 | 7839.43 | -1097.67 | -1897.17 | 111.57 | 2847.64 | 163.30 | 17.50 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 16452.33 | 7839.61 | -1125.13 | -1897.18 | 110.86 | 2761.10 | 165.89 | 16.70 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 16480.13 | 7839.84 | -1152.93 | -1897.32 | 110.11 | 2675.11 | 168.63 | 15.92 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 16508.30 | 7840.13 | -1181.10 | -1897.60 | 109.34 | 2589.70 | 171.53 | 15.15 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 16536.84 | 7840.48 | -1209.63 | -1898.02 | 108.52 | 2504.93 | 174.62 | 14.39 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 16575.21 | 7841.00 | -1247.99 | -1898.77 | 107.40 | 2420.82 | 178.02 | 13.64 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 16626.44 | 7841.41 | -1299.21 | -1899.85 | 105.82 | 2337.15 | 181.79 | 12.90 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 16676.08 | 7841.46 | -1348.83 | -1900.96 | 104.21 | 2253.95 | 185.76 | 12.17 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 16724.19 | 7841.19 | -1396.93 | -1902.10 | 102.57 | 2171.31 | 189.98 | 11.46 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 16759.43 | 7840.99 | -1432.17 | -1902.85 | 101.33 | 2089.43 | 194.30 | 10.78 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 16795.44 | 7841.03 | -1468.17 | -1903.35 | 100.03 | 2008.52 | 198.89 | 10.13 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 16832.47 | 7841.35 | -1505.20 | -1903.61 | 98.67 | 1928.67 | 203.77 | 9.49 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1850.04 | 208.82 | 8.88 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1773.41 | 213.96 | 8.31 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1699.20 | 219.38 | 7.76 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1627.75 | 225.05 | 7.25 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1559.45 | 230.94 | 6.77 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1494.72 | 236.98 | 6.32 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1434.05 | 243.07 | 5.91 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1377.98 | 249.09 | 5.54 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1327.08 | 254.86 | 5.22 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1281.97 | 260.19 | 4.94 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1243.28 | 264.82 | 4.70 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #35C-3HZ AWB Offset Wellpath: GRENNYER #35C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---------------------------|--|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | | Slot: SLOT#04 GRENNYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) | | | | Well: GRENNYER #35C-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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1211.63 | 268.50 | 4.52 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 97.78 | 1206.62 | 269.05 | 4.49 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 104.95 | 1190.76 | 270.69 | 4.41 | PASS |
| 8066.31† | 7598.54 | -2054.20 | -867.52 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 107.58 | 1186.92 | 272.57 | 4.36 | PASS |
| 8083.50† | 7612.17 | -2064.40 | -869.92 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 108.25 | 1186.67 | 270.99 | 4.39 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 109.24 | 1187.69 | 270.61 | 4.40 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 110.33 | 1202.82 | 268.09 | 4.49 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 108.88 | 1235.02 | 263.43 | 4.70 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 105.03 | 1282.10 | 257.32 | 4.99 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #35C-3HZ AWP Offset Wellpath: GRENNYER #35C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#04 GRENNYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) Well: GRENNYER #35C-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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 98.72 | 1341.13 | 250.48 | 5.36 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1405.62 | 243.90 | 5.78 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1408.95 | 243.58 | 5.80 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1481.68 | 236.91 | 6.27 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1557.45 | 230.52 | 6.77 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1635.81 | 224.46 | 7.30 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1716.43 | 218.75 | 7.87 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1798.99 | 213.40 | 8.45 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1883.25 | 208.41 | 9.06 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 1968.98 | 203.75 | 9.69 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2056.00 | 199.41 | 10.34 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2144.15 | 195.37 | 11.01 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2233.30 | 191.62 | 11.69 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2323.33 | 188.13 | 12.39 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2414.15 | 184.88 | 13.10 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2505.67 | 181.86 | 13.82 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2597.81 | 179.04 | 14.56 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2690.51 | 176.42 | 15.30 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2783.72 | 173.97 | 16.05 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2877.39 | 171.68 | 16.82 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 2971.47 | 169.54 | 17.59 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3065.92 | 167.54 | 18.36 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3160.71 | 165.67 | 19.14 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3255.82 | 163.92 | 19.93 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3351.21 | 162.27 | 20.73 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3446.86 | 160.72 | 21.52 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3542.75 | 159.27 | 22.33 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3638.87 | 157.90 | 23.13 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3735.18 | 156.62 | 23.94 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3831.69 | 155.41 | 24.75 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 3928.37 | 154.26 | 25.56 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4025.21 | 153.19 | 26.38 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4122.21 | 152.17 | 27.19 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4219.34 | 151.21 | 28.01 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4316.60 | 150.30 | 28.83 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4413.99 | 149.44 | 29.65 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #35C-3HZ AWB Offset Wellpath: GRENNYER #35C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#04 GRENNYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) | | | | Well: GRENNYER #35C-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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4511.49 | 148.62 | 30.48 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4609.10 | 147.85 | 31.30 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4706.81 | 147.12 | 32.12 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4804.61 | 146.43 | 32.94 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 4902.51 | 145.77 | 33.77 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 5000.48 | 145.15 | 34.59 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 5098.54 | 144.56 | 35.42 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 5196.66 | 143.99 | 36.24 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 5294.86 | 143.46 | 37.06 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #35C-3HZ AWB Offset Wellpath: GRENNEMYER #35C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#04 GRENNEMYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) Well: GRENNEMYER #35C-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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 5393.13 | 142.95 | 37.88 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 16856.00 | 7841.69 | -1528.72 | -1903.63 | 90.39 | 5448.04 | 142.33 | 38.35 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENNEMYER #35C-3HZ AWB Offset Wellpath: GRENNEMYER #35C-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENNEMYER #35C-3HZ AWB Offset Wellpath: GRENNEMYER #35C-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1048.00 | 1032.00 | 66.00 | 1097.98 | 4751.94 | -1202.25 | 4751.76 | -1203.32 |
| 9.625in Casing Surface | 16.00 | 1048.00 | 1032.00 | 66.00 | 1097.98 | 4751.94 | -1202.25 | 4751.76 | -1203.32 |
| 8.75in Open Hole | 1048.00 | 8137.00 | 7089.00 | 1097.98 | 7839.59 | 4751.76 | -1203.32 | 4566.87 | -1182.55 |
| 7in Casing Intermediate | 16.00 | 8137.00 | 8121.00 | 66.00 | 7839.59 | 4751.94 | -1202.25 | 4566.87 | -1182.55 |
| 6.125in Open Hole | 8137.00 | 16902.00 | 8765.00 | 7839.59 | N/A | 4566.87 | -1182.55 | N/A | N/A |

WELLPATH COMPOSITION - Offset Wellbore: GRENNEMYER #35C-3HZ AWB Offset Wellpath: GRENNEMYER #35C-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|----------------------------------|-------------------------|
| 16.00 | 961.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <116-961> | GRENNEMYER #35C-3HZ AWB |
| 961.00 | 16856.00 | ISCWSA MWD, Rev. 3, axial magnetic correction (Standard) | HALLIBURTON SURVEYS <1105-16856> | GRENNEMYER #35C-3HZ AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENNEMYER #35C-3HZ AWB Offset Wellpath: GRENNEMYER #35C-3HZ AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#04 GRENNEMYER #35C-3HZ (445'FNL & 1585'FWL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) Well: MOORE #3-1 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 29.00 | 16.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 60.88 | 23.34 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 129.00 | 116.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 62.91 | 22.58 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 229.00 | 216.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 64.78 | 21.86 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 329.00 | 316.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 66.82 | 21.19 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 429.00 | 416.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 68.86 | 20.55 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 529.00 | 516.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 70.91 | 19.95 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 629.00 | 616.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 72.96 | 19.38 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 729.00 | 716.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 75.01 | 18.85 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 829.00 | 816.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 76.86 | 18.34 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 929.00 | 916.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 78.93 | 17.86 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1029.00 | 1016.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 81.00 | 17.40 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1129.00 | 1116.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 83.07 | 16.96 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1229.00 | 1216.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 85.14 | 16.55 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1329.00 | 1316.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 87.22 | 16.15 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1429.00 | 1416.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 89.30 | 15.77 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1529.00 | 1516.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 91.39 | 15.41 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1629.00 | 1616.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 93.48 | 15.06 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1729.00 | 1716.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 95.57 | 14.73 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1829.00 | 1816.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 97.67 | 14.41 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1929.00 | 1916.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 99.77 | 14.11 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2029.00 | 2016.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 101.88 | 13.81 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2113.00 | 2100.00 | -1366.07 | 308.23 | 167.29 | 1400.41 | 103.65 | 13.58 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2129.00 | 2116.00 | -1366.07 | 308.23 | -35.78 | 1400.38 | 103.99 | 13.53 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2228.97 | 2215.97 | -1366.07 | 308.23 | -35.85 | 1398.51 | 106.11 | 13.24 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2328.80 | 2315.80 | -1366.07 | 308.23 | -36.05 | 1393.82 | 108.26 | 12.93 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2428.36 | 2415.36 | -1366.07 | 308.23 | -36.36 | 1386.33 | 110.41 | 12.61 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2527.54 | 2514.54 | -1366.07 | 308.23 | -36.80 | 1376.06 | 112.56 | 12.28 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2626.21 | 2613.21 | -1366.07 | 308.23 | -37.37 | 1363.08 | 114.71 | 11.93 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2724.26 | 2711.26 | -1366.07 | 308.23 | -38.06 | 1347.44 | 116.85 | 11.58 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2821.57 | 2808.57 | -1366.07 | 308.23 | -38.90 | 1329.22 | 118.99 | 11.22 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2918.01 | 2905.01 | -1366.07 | 308.23 | -39.89 | 1308.51 | 121.12 | 10.85 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 3013.47 | 3000.47 | -1366.07 | 308.23 | -41.03 | 1285.42 | 123.26 | 10.47 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3107.84 | 3094.84 | -1366.07 | 308.23 | -42.35 | 1260.09 | 125.40 | 10.09 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3200.99 | 3187.99 | -1366.07 | 308.23 | -43.84 | 1232.68 | 127.56 | 9.70 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3292.81 | 3279.81 | -1366.07 | 308.23 | -45.53 | 1203.37 | 129.73 | 9.31 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3297.25 | 3284.25 | -1366.07 | 308.23 | -45.62 | 1201.90 | 129.84 | 9.29 | PASS |

| CLEARANCE DATA - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) Well: MOORE #3-1 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3383.87 | 3370.87 | -1366.07 | 308.23 | -46.93 | 1173.42 | 131.91 | 8.93 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3474.93 | 3461.93 | -1366.07 | 308.23 | -48.37 | 1144.17 | 134.15 | 8.56 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3565.98 | 3552.98 | -1366.07 | 308.23 | -49.87 | 1115.68 | 136.43 | 8.21 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3657.04 | 3644.04 | -1366.07 | 308.23 | -51.45 | 1088.02 | 138.78 | 7.87 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3748.09 | 3735.09 | -1366.07 | 308.23 | -53.09 | 1061.25 | 141.18 | 7.54 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3839.15 | 3826.15 | -1366.07 | 308.23 | -54.82 | 1035.44 | 143.65 | 7.23 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3930.21 | 3917.21 | -1366.07 | 308.23 | -56.61 | 1010.66 | 146.18 | 6.94 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 4021.26 | 4008.26 | -1366.07 | 308.23 | -58.49 | 986.99 | 148.78 | 6.65 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4112.32 | 4099.32 | -1366.07 | 308.23 | -60.44 | 964.51 | 151.45 | 6.39 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) Well: MOORE #3-1 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4203.37 | 4190.37 | -1366.07 | 308.23 | -62.47 | 943.31 | 154.18 | 6.14 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4294.43 | 4281.43 | -1366.07 | 308.23 | -64.58 | 923.48 | 156.97 | 5.90 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4385.48 | 4372.48 | -1366.07 | 308.23 | -66.77 | 905.09 | 159.83 | 5.68 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4476.54 | 4463.54 | -1366.07 | 308.23 | -69.03 | 888.26 | 162.74 | 5.47 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4567.60 | 4554.60 | -1366.07 | 308.23 | -71.36 | 873.05 | 165.70 | 5.28 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4658.65 | 4645.65 | -1366.07 | 308.23 | -73.76 | 859.57 | 168.69 | 5.11 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4749.71 | 4736.71 | -1366.07 | 308.23 | -76.22 | 847.89 | 171.72 | 4.95 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4840.76 | 4827.76 | -1366.07 | 308.23 | -78.73 | 838.09 | 174.76 | 4.81 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4931.82 | 4918.82 | -1366.07 | 308.23 | -81.28 | 830.23 | 177.81 | 4.68 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5022.88 | 5009.88 | -1366.07 | 308.23 | -83.87 | 824.38 | 180.85 | 4.57 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5113.93 | 5100.93 | -1366.07 | 308.23 | -86.49 | 820.57 | 183.86 | 4.47 | PASS |
| 5371.00† | 5151.01 | -1015.52 | -432.34 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 819.47 | 185.20 | 4.43 | PASS |
| 5387.58† | 5166.11 | -1021.82 | -435.02 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 819.63 | 185.31 | 4.43 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 820.67 | 185.34 | 4.44 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 832.09 | 184.09 | 4.53 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 855.12 | 180.90 | 4.74 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 888.88 | 176.22 | 5.06 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 932.19 | 170.59 | 5.48 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 983.79 | 164.48 | 6.00 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1042.45 | 158.28 | 6.61 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1107.06 | 152.27 | 7.29 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1176.63 | 146.62 | 8.05 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1250.33 | 141.41 | 8.87 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1327.47 | 136.67 | 9.75 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1407.50 | 132.40 | 10.67 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1489.94 | 128.58 | 11.63 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1574.42 | 125.18 | 12.63 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1660.62 | 122.16 | 13.65 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1748.29 | 119.47 | 14.70 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1837.23 | 117.09 | 15.76 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 1927.24 | 114.98 | 16.84 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2018.20 | 113.11 | 17.92 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2109.98 | 111.45 | 19.02 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2202.47 | 109.97 | 20.12 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2295.59 | 108.67 | 21.23 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2389.27 | 107.52 | 22.33 | PASS |

| CLEARANCE DATA - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) Well: MOORE #3-1 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2483.44 | 106.49 | 23.43 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2578.05 | 105.59 | 24.54 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2673.05 | 104.79 | 25.64 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -87.53 | 2690.59 | 104.65 | 25.84 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -63.62 | 2767.35 | 104.23 | 26.68 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -46.81 | 2857.51 | 104.25 | 27.55 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -37.30 | 2941.26 | 104.89 | 28.18 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -31.53 | 3016.68 | 106.13 | 28.57 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -27.90 | 3082.18 | 107.92 | 28.70 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) Well: MOORE #3-1 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -25.63 | 3136.45 | 110.23 | 28.59 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3176.75 | 112.81 | 28.29 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3178.45 | 112.92 | 28.28 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3216.11 | 115.04 | 28.08 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3256.40 | 117.18 | 27.91 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3299.23 | 119.34 | 27.77 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3344.51 | 121.49 | 27.65 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3392.13 | 123.61 | 27.56 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3442.00 | 125.71 | 27.49 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3494.02 | 127.77 | 27.46 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3548.09 | 129.78 | 27.45 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3604.13 | 131.74 | 27.47 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3662.04 | 133.65 | 27.51 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3721.74 | 135.50 | 27.57 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3783.14 | 137.29 | 27.66 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3846.16 | 139.03 | 27.77 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3910.73 | 140.70 | 27.90 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 3976.76 | 142.31 | 28.05 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4044.18 | 143.86 | 28.21 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4112.93 | 145.35 | 28.40 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4182.94 | 146.79 | 28.60 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4254.15 | 148.16 | 28.81 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4326.50 | 149.49 | 29.04 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4399.93 | 150.76 | 29.29 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4474.40 | 151.98 | 29.54 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4549.84 | 153.16 | 29.81 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4626.21 | 154.28 | 30.09 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4703.47 | 155.37 | 30.38 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4781.57 | 156.41 | 30.67 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4860.48 | 157.41 | 30.98 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 4940.15 | 158.37 | 31.30 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5020.54 | 159.29 | 31.62 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5101.63 | 160.18 | 31.95 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5183.38 | 161.03 | 32.29 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5265.76 | 161.86 | 32.64 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5348.74 | 162.65 | 32.99 | PASS |

| CLEARANCE DATA - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) Well: MOORE #3-1 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5432.30 | 163.41 | 33.35 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5516.40 | 164.15 | 33.71 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5601.02 | 164.86 | 34.08 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5686.15 | 165.54 | 34.46 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5771.75 | 166.21 | 34.84 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5857.81 | 166.85 | 35.22 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 5944.30 | 167.46 | 35.61 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 6031.21 | 168.06 | 36.00 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 6118.52 | 168.64 | 36.39 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03,PA) Well: MOORE #3-1 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 6206.21 | 169.20 | 36.79 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5150.00 | 5137.00 | -1366.07 | 308.23 | -24.36 | 6255.36 | 169.16 | 37.02 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 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 | 0.00 | 214.00 | 214.00 | -29.00 | 185.00 | -832.76 | 187.90 | -832.76 | 187.90 |
| 8.625in Casing Surface | 0.00 | 214.00 | 214.00 | -29.00 | 185.00 | -832.76 | 187.90 | -832.76 | 187.90 |
| 7.875in Open Hole | 214.00 | 5150.00 | 4936.00 | 185.00 | 5121.00 | -832.76 | 187.90 | -832.76 | 187.90 |
| 4.5in Casing Production | 0.00 | 5150.00 | 5150.00 | -29.00 | 5121.00 | -832.76 | 187.90 | -832.76 | 187.90 |

WELLPATH COMPOSITION - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|----------------|
| 0.00 | 5150.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5150> | MOORE #3-1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: MOORE #3-1 AWB Offset Wellpath: MOORE #3-1 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#01 EX MOORE #3-1 (660'FSL & 1920'FEL, SEC.03) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #13N-3HZ AWB Offset Wellpath: GRENNYER #13N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#01 GRENNYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) Well: GRENNYER #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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 15122.72 | 7607.85 | 10.82 | -2349.96 | -89.74 | 7947.24 | 116.51 | 68.68 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 15123.07 | 7607.85 | 10.47 | -2349.96 | -89.75 | 7851.76 | 117.40 | 67.34 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 15123.42 | 7607.85 | 10.11 | -2349.95 | -89.75 | 7756.41 | 117.84 | 66.27 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 15123.78 | 7607.85 | 9.76 | -2349.95 | -89.76 | 7661.17 | 118.30 | 65.20 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15124.15 | 7607.85 | 9.39 | -2349.95 | -89.77 | 7566.05 | 118.78 | 64.13 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15124.52 | 7607.86 | 9.02 | -2349.94 | -89.78 | 7471.06 | 119.28 | 63.06 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15124.90 | 7607.86 | 8.64 | -2349.94 | -89.79 | 7376.20 | 119.80 | 61.99 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15125.28 | 7607.86 | 8.26 | -2349.94 | -89.80 | 7281.48 | 120.34 | 60.92 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15125.66 | 7607.86 | 7.88 | -2349.93 | -89.81 | 7186.91 | 120.68 | 59.85 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15126.06 | 7607.86 | 7.48 | -2349.93 | -89.82 | 7092.48 | 121.26 | 58.78 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15126.45 | 7607.86 | 7.09 | -2349.92 | -89.83 | 6998.20 | 121.86 | 57.71 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15126.86 | 7607.87 | 6.68 | -2349.92 | -89.84 | 6904.09 | 122.49 | 56.64 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15127.27 | 7607.87 | 6.27 | -2349.91 | -89.85 | 6810.15 | 123.14 | 55.58 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15127.68 | 7607.87 | 5.86 | -2349.91 | -89.86 | 6716.38 | 123.81 | 54.51 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15128.10 | 7607.87 | 5.44 | -2349.90 | -89.87 | 6622.79 | 124.51 | 53.45 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15128.53 | 7607.88 | 5.01 | -2349.90 | -89.88 | 6529.39 | 125.23 | 52.39 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15128.97 | 7607.88 | 4.57 | -2349.90 | -89.89 | 6436.20 | 125.98 | 51.33 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15129.41 | 7607.88 | 4.13 | -2349.89 | -89.90 | 6343.20 | 126.77 | 50.28 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15129.86 | 7607.88 | 3.68 | -2349.89 | -89.91 | 6250.43 | 127.58 | 49.22 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15130.31 | 7607.88 | 3.23 | -2349.88 | -89.92 | 6157.88 | 128.42 | 48.17 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15130.77 | 7607.89 | 2.76 | -2349.87 | -89.93 | 6065.57 | 129.30 | 47.13 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15131.17 | 7607.89 | 2.37 | -2349.87 | -89.94 | 5988.22 | 130.06 | 46.25 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15131.28 | 7607.89 | 2.26 | -2349.87 | 67.69 | 5973.50 | 130.21 | 46.09 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15133.65 | 7607.90 | -0.11 | -2349.84 | 72.08 | 5881.36 | 131.16 | 45.05 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15138.92 | 7607.93 | -5.38 | -2349.78 | 76.56 | 5789.06 | 132.17 | 44.00 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15147.17 | 7607.99 | -13.63 | -2349.67 | 81.08 | 5696.69 | 133.22 | 42.95 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15163.69 | 7608.10 | -30.15 | -2349.42 | 85.45 | 5604.36 | 134.39 | 41.89 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15198.70 | 7608.30 | -65.15 | -2348.81 | 89.36 | 5512.11 | 135.81 | 40.76 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15239.43 | 7608.41 | -105.87 | -2347.98 | 93.12 | 5420.00 | 137.32 | 39.64 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15285.50 | 7608.38 | -151.93 | -2346.90 | 96.72 | 5328.09 | 138.91 | 38.52 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15328.88 | 7608.21 | -195.30 | -2345.72 | 100.29 | 5236.44 | 140.48 | 37.43 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15344.51 | 7608.14 | -210.92 | -2345.30 | 104.32 | 5145.23 | 141.69 | 36.47 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15362.11 | 7608.08 | -228.51 | -2344.86 | 108.10 | 5054.63 | 142.94 | 35.51 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15381.70 | 7608.06 | -248.09 | -2344.42 | 111.62 | 4964.75 | 144.24 | 34.56 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15403.28 | 7608.06 | -269.67 | -2343.99 | 114.88 | 4875.69 | 145.59 | 33.63 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15404.38 | 7608.07 | -270.77 | -2343.97 | 115.04 | 4871.38 | 145.65 | 33.58 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #13N-3HZ AWB Offset Wellpath: GRENNYER #13N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|-------------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#01 GRENNYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) | | | Well: GRENNYER #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15426.09 | 7608.12 | -292.48 | -2343.60 | 114.72 | 4787.26 | 146.98 | 32.70 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15449.18 | 7608.22 | -315.57 | -2343.27 | 114.37 | 4699.11 | 148.45 | 31.78 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15472.56 | 7608.37 | -338.94 | -2343.02 | 114.01 | 4611.25 | 149.99 | 30.87 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15496.23 | 7608.56 | -362.61 | -2342.83 | 113.64 | 4523.69 | 151.60 | 29.96 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15524.83 | 7608.87 | -391.21 | -2342.65 | 113.19 | 4436.43 | 153.35 | 29.04 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15554.15 | 7609.26 | -420.52 | -2342.47 | 112.72 | 4349.46 | 155.18 | 28.13 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15583.81 | 7609.72 | -450.18 | -2342.30 | 112.23 | 4262.79 | 157.09 | 27.24 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15613.82 | 7610.27 | -480.18 | -2342.12 | 111.73 | 4176.43 | 159.09 | 26.35 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15644.19 | 7610.90 | -510.55 | -2341.94 | 111.22 | 4090.40 | 161.17 | 25.47 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #13N-3HZ AWB Offset Wellpath: GRENNYER #13N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#01 GRENNYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) Well: GRENNYER #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15840.85 | 7612.57 | -707.16 | -2339.08 | 107.63 | 4004.54 | 165.51 | 24.28 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 15888.21 | 7611.90 | -754.51 | -2337.94 | 106.69 | 3917.53 | 167.99 | 23.40 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 15934.43 | 7610.98 | -800.70 | -2337.01 | 105.74 | 3830.72 | 170.55 | 22.54 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 15979.52 | 7609.84 | -845.78 | -2336.27 | 104.78 | 3744.12 | 173.21 | 21.69 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 16016.57 | 7608.73 | -882.80 | -2335.79 | 103.96 | 3657.79 | 175.88 | 20.87 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 16034.10 | 7608.23 | -900.33 | -2335.61 | 103.57 | 3571.93 | 178.42 | 20.09 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 16052.09 | 7607.80 | -918.31 | -2335.46 | 103.16 | 3486.64 | 181.08 | 19.32 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 16070.56 | 7607.45 | -936.78 | -2335.35 | 102.73 | 3401.96 | 183.87 | 18.56 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 16089.50 | 7607.18 | -955.72 | -2335.28 | 102.30 | 3317.93 | 186.80 | 17.82 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 16108.95 | 7606.99 | -975.17 | -2335.25 | 101.84 | 3234.59 | 189.88 | 17.09 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 16128.93 | 7606.90 | -995.15 | -2335.27 | 101.37 | 3151.99 | 193.10 | 16.37 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 16149.45 | 7606.92 | -1015.67 | -2335.35 | 100.87 | 3070.17 | 196.49 | 15.67 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 16170.54 | 7607.04 | -1036.76 | -2335.47 | 100.36 | 2989.18 | 200.03 | 14.99 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 16202.66 | 7607.41 | -1068.87 | -2335.73 | 99.57 | 2909.07 | 203.90 | 14.31 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 16249.19 | 7607.98 | -1115.40 | -2335.94 | 98.41 | 2829.63 | 208.12 | 13.63 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 16295.67 | 7608.59 | -1161.88 | -2335.94 | 97.21 | 2750.87 | 212.51 | 12.98 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 16342.10 | 7609.22 | -1208.30 | -2335.72 | 95.99 | 2672.85 | 217.07 | 12.35 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 16397.25 | 7609.89 | -1263.45 | -2335.21 | 94.50 | 2595.59 | 221.93 | 11.72 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 16453.89 | 7610.27 | -1320.07 | -2334.44 | 92.91 | 2519.06 | 227.00 | 11.12 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 16508.82 | 7610.34 | -1374.99 | -2333.45 | 91.33 | 2443.34 | 232.26 | 10.54 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 16561.06 | 7610.15 | -1427.22 | -2332.27 | 89.78 | 2368.58 | 237.70 | 9.99 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 16611.85 | 7609.86 | -1477.99 | -2330.82 | 88.24 | 2294.90 | 243.33 | 9.45 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 16661.83 | 7609.46 | -1527.94 | -2329.10 | 86.68 | 2222.45 | 249.17 | 8.94 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 16698.45 | 7609.12 | -1564.53 | -2327.73 | 85.52 | 2151.47 | 255.07 | 8.45 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 2082.41 | 261.10 | 7.99 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 2015.92 | 267.22 | 7.56 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1952.29 | 273.45 | 7.15 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1891.81 | 279.75 | 6.77 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1834.79 | 286.04 | 6.43 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1781.56 | 292.25 | 6.11 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1732.47 | 298.25 | 5.82 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1687.89 | 303.94 | 5.56 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1648.17 | 309.17 | 5.34 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1613.68 | 313.80 | 5.15 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1584.76 | 317.68 | 5.00 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1561.72 | 320.67 | 4.88 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #13N-3HZ AWB Offset Wellpath: GRENNYER #13N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---------------------------|--|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | | Slot: SLOT#01 GRENNYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) | | | | Well: GRENNYER #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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1544.83 | 322.65 | 4.79 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 85.21 | 1542.40 | 322.90 | 4.78 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 91.60 | 1536.33 | 323.46 | 4.76 | PASS |
| 8034.38† | 7572.46 | -2036.37 | -862.91 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 92.55 | 1536.13 | 323.50 | 4.76 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 95.25 | 1540.47 | 322.95 | 4.78 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 96.02 | 1557.11 | 321.12 | 4.86 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 94.65 | 1585.36 | 318.14 | 4.99 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 91.49 | 1623.80 | 314.33 | 5.17 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 86.73 | 1670.60 | 310.01 | 5.40 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #13N-3HZ AWP Offset Wellpath: GRENNYER #13N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#01 GRENNEMYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) Well: GRENNEMYER #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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 1721.12 | 305.73 | 5.64 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 1723.72 | 305.52 | 5.65 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 1781.23 | 300.88 | 5.93 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 1842.37 | 296.04 | 6.23 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 1906.80 | 291.07 | 6.56 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 1974.19 | 286.07 | 6.91 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2044.26 | 281.10 | 7.29 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2116.73 | 276.20 | 7.68 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2191.37 | 271.40 | 8.09 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2267.96 | 266.74 | 8.52 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2346.32 | 262.23 | 8.97 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2426.27 | 257.88 | 9.43 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2507.65 | 253.71 | 9.90 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2590.34 | 249.70 | 10.40 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2674.22 | 245.87 | 10.90 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2759.17 | 242.21 | 11.42 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2845.09 | 238.71 | 11.95 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 2931.91 | 235.37 | 12.48 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3019.55 | 232.19 | 13.03 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3107.93 | 229.16 | 13.59 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3196.99 | 226.27 | 14.16 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3286.69 | 223.52 | 14.74 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3376.96 | 220.89 | 15.33 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3467.77 | 218.39 | 15.92 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3559.07 | 216.01 | 16.52 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3650.83 | 213.73 | 17.13 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3743.01 | 211.56 | 17.74 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3835.58 | 209.49 | 18.36 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 3928.51 | 207.52 | 18.98 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4021.79 | 205.63 | 19.61 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4115.38 | 203.83 | 20.25 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4209.26 | 202.10 | 20.88 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4303.42 | 200.46 | 21.53 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4397.84 | 198.88 | 22.17 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4492.50 | 197.37 | 22.83 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4587.39 | 195.93 | 23.48 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #13N-3HZ AWB Offset Wellpath: GRENNYER #13N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#01 GRENNYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) | | | | Well: GRENNYER #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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4682.49 | 194.55 | 24.14 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4777.78 | 193.23 | 24.80 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4873.27 | 191.96 | 25.46 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 4968.94 | 190.74 | 26.13 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 5064.77 | 189.57 | 26.80 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 5160.76 | 188.45 | 27.47 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 5256.90 | 187.38 | 28.14 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 5353.18 | 186.35 | 28.81 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 5449.60 | 185.35 | 29.49 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENEMYER #13N-3HZ AWB Offset Wellpath: GRENEMYER #13N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#01 GRENEMYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) Well: GRENEMYER #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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 16708.00 | 7609.04 | -1574.08 | -2327.37 | 80.93 | 5503.51 | 184.23 | 29.87 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENEMYER #13N-3HZ AWB Offset Wellpath: GRENEMYER #13N-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENEMYER #13N-3HZ AWB Offset Wellpath: GRENEMYER #13N-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1078.00 | 1062.00 | 66.00 | 1127.99 | 4752.13 | -1222.07 | 4751.58 | -1222.56 |
| 9.625in Casing Surface | 16.00 | 1078.00 | 1062.00 | 66.00 | 1127.99 | 4752.13 | -1222.07 | 4751.58 | -1222.56 |
| 8.75in Open Hole | 1078.00 | 7955.00 | 6877.00 | 1127.99 | 7609.37 | 4751.58 | -1222.56 | 4563.24 | -1326.24 |
| 7in Casing Intermediate | 16.00 | 7955.00 | 7939.00 | 66.00 | 7609.37 | 4752.13 | -1222.07 | 4563.24 | -1326.24 |
| 6.125in Open Hole | 7955.00 | 16708.00 | 8753.00 | 7609.37 | 7609.04 | 4563.24 | -1326.24 | 1896.32 | -1320.55 |

WELLPATH COMPOSITION - Offset Wellbore: GRENEMYER #13N-3HZ AWB Offset Wellpath: GRENEMYER #13N-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--------------------------------------|----------------------------------|------------------------|
| 16.00 | 986.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <116-986> | GRENEMYER #13N-3HZ AWB |
| 986.00 | 16662.00 | ISCWSA MWD, Rev. 3 (Standard) | HALLIBURTON SURVEYS <1104-16662> | GRENEMYER #13N-3HZ AWB |
| 16662.00 | 16708.00 | Blind Drilling (std) | Projection to bit | GRENEMYER #13N-3HZ AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENEMYER #13N-3HZ AWB Offset Wellpath: GRENEMYER #13N-3HZ AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#01 GRENEMYER #13N-3HZ (445'FNL & 1555'FWL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) Well: L.W. MOORE GAS UNIT 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 35.00 | -3010.39 | 1906.12 | 147.66 | 3563.16 | 25.57 | 144.80 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 65.00 | 116.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 63.50 | 56.96 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 165.00 | 216.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 68.35 | 52.86 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 265.00 | 316.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 73.19 | 49.32 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 365.00 | 416.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 78.05 | 46.21 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 465.00 | 516.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 82.90 | 43.47 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 565.00 | 616.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 87.76 | 41.04 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 665.00 | 716.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 92.63 | 38.86 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 765.00 | 816.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 97.11 | 36.91 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 865.00 | 916.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 101.99 | 35.13 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 965.00 | 1016.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 106.86 | 33.52 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1065.00 | 1116.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 111.74 | 32.05 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1165.00 | 1216.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 116.62 | 30.70 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1265.00 | 1316.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 121.51 | 29.46 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1365.00 | 1416.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 126.40 | 28.31 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1465.00 | 1516.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 131.30 | 27.25 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1565.00 | 1616.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 136.20 | 26.27 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1665.00 | 1716.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 141.10 | 25.35 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1765.00 | 1816.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 146.01 | 24.50 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1865.00 | 1916.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 150.92 | 23.70 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1965.00 | 2016.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 155.83 | 22.95 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2049.00 | 2100.00 | -3010.39 | 1906.12 | 147.66 | 3563.11 | 159.96 | 22.35 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2065.00 | 2116.00 | -3010.39 | 1906.12 | -55.40 | 3563.08 | 160.75 | 22.24 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2164.97 | 2215.97 | -3010.39 | 1906.12 | -55.46 | 3561.77 | 165.67 | 21.57 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2264.80 | 2315.80 | -3010.39 | 1906.12 | -55.59 | 3558.49 | 170.61 | 20.93 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2364.36 | 2415.36 | -3010.39 | 1906.12 | -55.80 | 3553.25 | 175.54 | 20.31 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2463.54 | 2514.54 | -3010.39 | 1906.12 | -56.09 | 3546.07 | 180.46 | 19.71 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2562.21 | 2613.21 | -3010.39 | 1906.12 | -56.45 | 3537.00 | 185.36 | 19.14 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2660.26 | 2711.26 | -3010.39 | 1906.12 | -56.90 | 3526.06 | 190.25 | 18.59 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2757.57 | 2808.57 | -3010.39 | 1906.12 | -57.42 | 3513.33 | 195.12 | 18.06 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2854.01 | 2905.01 | -3010.39 | 1906.12 | -58.03 | 3498.85 | 199.98 | 17.54 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2949.47 | 3000.47 | -3010.39 | 1906.12 | -58.71 | 3482.71 | 204.83 | 17.05 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3043.84 | 3094.84 | -3010.39 | 1906.12 | -59.47 | 3464.99 | 209.66 | 16.57 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3136.99 | 3187.99 | -3010.39 | 1906.12 | -60.30 | 3445.77 | 214.48 | 16.11 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3228.81 | 3279.81 | -3010.39 | 1906.12 | -61.21 | 3425.16 | 219.30 | 15.66 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3233.25 | 3284.25 | -3010.39 | 1906.12 | -61.25 | 3424.12 | 219.53 | 15.64 | PASS |

| CLEARANCE DATA - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) Well: L.W. MOORE GAS UNIT 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3319.87 | 3370.87 | -3010.39 | 1906.12 | -61.79 | 3403.99 | 224.12 | 15.23 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3410.93 | 3461.93 | -3010.39 | 1906.12 | -62.37 | 3383.20 | 228.99 | 14.81 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3501.98 | 3552.98 | -3010.39 | 1906.12 | -62.95 | 3362.79 | 233.91 | 14.41 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3593.04 | 3644.04 | -3010.39 | 1906.12 | -63.53 | 3342.76 | 238.88 | 14.03 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3684.09 | 3735.09 | -3010.39 | 1906.12 | -64.13 | 3323.13 | 243.89 | 13.66 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3775.15 | 3826.15 | -3010.39 | 1906.12 | -64.72 | 3303.89 | 248.95 | 13.30 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3866.21 | 3917.21 | -3010.39 | 1906.12 | -65.33 | 3285.07 | 254.04 | 12.96 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3957.26 | 4008.26 | -3010.39 | 1906.12 | -65.94 | 3266.66 | 259.18 | 12.63 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4048.32 | 4099.32 | -3010.39 | 1906.12 | -66.56 | 3248.67 | 264.36 | 12.31 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) Well: L.W. MOORE GAS UNIT 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 | |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4139.37 | 4190.37 | -3010.39 | 1906.12 | -67.18 | 3231.11 | 269.58 | 12.01 | PASS | |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4230.43 | 4281.43 | -3010.39 | 1906.12 | -67.80 | 3213.99 | 274.83 | 11.72 | PASS | |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4321.48 | 4372.48 | -3010.39 | 1906.12 | -68.44 | 3197.31 | 280.12 | 11.44 | PASS | |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4412.54 | 4463.54 | -3010.39 | 1906.12 | -69.08 | 3181.08 | 285.43 | 11.17 | PASS | |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4503.60 | 4554.60 | -3010.39 | 1906.12 | -69.72 | 3165.30 | 290.78 | 10.91 | PASS | |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4594.65 | 4645.65 | -3010.39 | 1906.12 | -70.37 | 3149.99 | 296.16 | 10.66 | PASS | |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4685.71 | 4736.71 | -3010.39 | 1906.12 | -71.03 | 3135.15 | 301.57 | 10.41 | PASS | |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4776.76 | 4827.76 | -3010.39 | 1906.12 | -71.69 | 3120.79 | 307.00 | 10.18 | PASS | |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4867.82 | 4918.82 | -3010.39 | 1906.12 | -72.35 | 3106.91 | 312.46 | 9.96 | PASS | |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4958.88 | 5009.88 | -3010.39 | 1906.12 | -73.02 | 3093.52 | 317.94 | 9.75 | PASS | |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5049.93 | 5100.93 | -3010.39 | 1906.12 | -73.70 | 3080.62 | 323.44 | 9.54 | PASS | |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5140.99 | 5191.99 | -3010.39 | 1906.12 | -74.38 | 3068.23 | 328.96 | 9.34 | PASS | |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5232.04 | 5283.04 | -3010.39 | 1906.12 | -75.06 | 3056.35 | 334.50 | 9.15 | PASS | |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5323.10 | 5374.10 | -3010.39 | 1906.12 | -75.75 | 3044.98 | 340.05 | 8.97 | PASS | |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5414.15 | 5465.15 | -3010.39 | 1906.12 | -76.44 | 3034.14 | 345.63 | 8.79 | PASS | |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5505.21 | 5556.21 | -3010.39 | 1906.12 | -77.14 | 3023.82 | 351.21 | 8.62 | PASS | |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5596.27 | 5647.27 | -3010.39 | 1906.12 | -77.84 | 3014.03 | 356.81 | 8.46 | PASS | |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5687.32 | 5738.32 | -3010.39 | 1906.12 | -78.54 | 3004.78 | 362.43 | 8.30 | PASS | |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5778.38 | 5829.38 | -3010.39 | 1906.12 | -79.25 | 2996.07 | 368.05 | 8.15 | PASS | |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5869.43 | 5920.43 | -3010.39 | 1906.12 | -79.96 | 2987.91 | 373.68 | 8.01 | PASS | |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5960.49 | 6011.49 | -3010.39 | 1906.12 | -80.68 | 2980.29 | 379.32 | 7.87 | PASS | |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6051.55 | 6102.55 | -3010.39 | 1906.12 | -81.39 | 2973.24 | 384.97 | 7.73 | PASS | |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6142.60 | 6193.60 | -3010.39 | 1906.12 | -82.12 | 2966.74 | 390.62 | 7.60 | PASS | |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6233.66 | 6284.66 | -3010.39 | 1906.12 | -82.84 | 2960.81 | 396.27 | 7.48 | PASS | |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6324.71 | 6375.71 | -3010.39 | 1906.12 | -83.56 | 2955.44 | 401.93 | 7.36 | PASS | |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6415.77 | 6466.77 | -3010.39 | 1906.12 | -84.29 | 2950.64 | 407.60 | 7.25 | PASS | |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6506.82 | 6557.82 | -3010.39 | 1906.12 | -85.02 | 2946.41 | 413.26 | 7.14 | PASS | |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6597.88 | 6648.88 | -3010.39 | 1906.12 | -85.75 | 2942.76 | 418.92 | 7.03 | PASS | |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6688.94 | 6739.94 | -3010.39 | 1906.12 | -86.48 | 2939.69 | 424.59 | 6.93 | PASS | |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 6779.99 | 6830.99 | -3010.39 | 1906.12 | -87.21 | 2937.19 | 430.25 | 6.83 | PASS | |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 6871.05 | 6922.05 | -3010.39 | 1906.12 | -87.95 | 2935.28 | 435.90 | 6.74 | PASS | |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 6962.10 | 7013.10 | -3010.39 | 1906.12 | -88.68 | 2933.94 | 441.56 | 6.65 | PASS | |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7053.16 | 7104.16 | -3010.39 | 1906.12 | -89.42 | 2933.19 | 447.21 | 6.57 | PASS | |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7144.22 | 7195.22 | -3010.39 | 1906.12 | -90.15 | 2933.02 | 452.85 | 6.48 | PASS | |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7235.27 | 7286.27 | -3010.39 | 1906.12 | -90.89 | 2933.43 | 458.48 | 6.40 | PASS | |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7326.33 | 7377.33 | -3010.39 | 1906.12 | -91.62 | 2934.42 | 464.11 | 6.33 | PASS | |

| CLEARANCE DATA - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|-----------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) | | | | Well: L.W. MOORE GAS UNIT 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7417.38 | 7468.38 | -3010.39 | 1906.12 | -92.36 | 2936.00 | 469.73 | 6.26 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7434.15 | 7485.15 | -3010.39 | 1906.12 | -92.49 | 2936.35 | 470.77 | 6.24 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7506.02 | 7557.02 | -3010.39 | 1906.12 | -87.37 | 2935.96 | 475.36 | 6.18 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7586.08 | 7637.08 | -3010.39 | 1906.12 | -84.78 | 2930.44 | 480.96 | 6.10 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7655.02 | 7706.02 | -3010.39 | 1906.12 | -84.36 | 2920.26 | 486.30 | 6.01 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 7710.74 | 7761.74 | -3010.39 | 1906.12 | -85.14 | 2906.54 | 491.21 | 5.92 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 7751.55 | 7802.55 | -3010.39 | 1906.12 | -86.58 | 2890.47 | 495.52 | 5.84 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 7776.21 | 7827.21 | -3010.39 | 1906.12 | -88.31 | 2873.14 | 499.12 | 5.76 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2856.31 | 501.79 | 5.70 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) Well: L.W. MOORE GAS UNIT 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2855.49 | 501.90 | 5.69 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2839.78 | 504.24 | 5.64 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2827.52 | 506.53 | 5.59 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2818.75 | 508.76 | 5.55 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2813.52 | 510.91 | 5.51 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2811.83 | 512.97 | 5.49 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2813.70 | 514.94 | 5.47 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2819.12 | 516.80 | 5.46 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2828.07 | 518.54 | 5.46 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2840.51 | 520.16 | 5.47 | PASS |
| 9566.42† | 7835.00 | -3475.94 | -903.66 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2848.09 | 529.59 | 5.38 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2856.40 | 521.67 | 5.48 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2875.68 | 523.04 | 5.50 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2898.28 | 524.29 | 5.53 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2924.13 | 525.41 | 5.57 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2953.14 | 526.41 | 5.62 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 2985.23 | 527.29 | 5.67 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3020.28 | 528.06 | 5.72 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3058.21 | 528.71 | 5.79 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3098.89 | 529.26 | 5.86 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3142.24 | 529.70 | 5.94 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3188.13 | 530.06 | 6.02 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3236.46 | 530.33 | 6.11 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3287.13 | 530.51 | 6.20 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3340.02 | 530.63 | 6.30 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3395.03 | 530.68 | 6.40 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3452.07 | 530.66 | 6.51 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3511.02 | 530.59 | 6.62 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3571.81 | 530.48 | 6.74 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3634.32 | 530.32 | 6.86 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3698.49 | 530.12 | 6.98 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3764.22 | 529.89 | 7.11 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3831.43 | 529.62 | 7.24 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3900.05 | 529.33 | 7.37 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 3970.00 | 529.02 | 7.51 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4041.21 | 528.70 | 7.65 | PASS |

| CLEARANCE DATA - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|-----------------------------|---------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) | | | Well: L.W. MOORE GAS UNIT 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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4113.63 | 528.35 | 7.79 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4187.18 | 527.99 | 7.94 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4261.80 | 527.63 | 8.09 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4337.45 | 527.25 | 8.23 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4414.07 | 526.87 | 8.39 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4491.61 | 526.48 | 8.54 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4570.02 | 526.09 | 8.70 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4649.25 | 525.69 | 8.85 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4729.28 | 525.30 | 9.01 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, PR) Well: L.W. MOORE GAS UNIT 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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 7784.00 | 7835.00 | -3010.39 | 1906.12 | -90.00 | 4774.31 | 524.50 | 9.10 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP

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

WELLPATH COMPOSITION - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|---|---------------------------|
| 0.00 | 8377.00 | Custom Drift Indicator (2.0 Maximum Inclination) | WORST CASE SCENARIO- ASSUMED VERTICAL TO SURFACE COGCC <8377> | L.W. MOORE GAS UNIT 1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: L.W. MOORE GAS UNIT 1 AWB Offset Wellpath: L.W. MOORE GAS UNIT 1 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#03 EX L.W. MOORE GAS UNIT 1 (900'FNL & 300'FEL, SEC.10, 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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03,PR) Well: SELTZER #23-3 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 14.00 | 16.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 60.60 | 27.36 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 114.00 | 116.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 62.84 | 26.37 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 214.00 | 216.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 65.09 | 25.45 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 314.00 | 316.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 67.34 | 24.58 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 414.00 | 416.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 69.42 | 23.78 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 514.00 | 516.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 71.67 | 23.02 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 614.00 | 616.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 73.94 | 22.31 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 714.00 | 716.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 76.20 | 21.64 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 814.00 | 816.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 78.26 | 21.01 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 914.00 | 916.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 80.53 | 20.42 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1014.00 | 1016.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 82.81 | 19.85 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1114.00 | 1116.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 85.09 | 19.32 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1214.00 | 1216.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 87.37 | 18.81 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1314.00 | 1316.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 89.66 | 18.33 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1414.00 | 1416.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 91.95 | 17.87 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1514.00 | 1516.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 94.25 | 17.43 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1614.00 | 1616.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 96.55 | 17.01 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1714.00 | 1716.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 98.85 | 16.61 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1814.00 | 1816.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 101.16 | 16.23 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1914.00 | 1916.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 103.47 | 15.87 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2014.00 | 2016.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 105.78 | 15.52 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2098.00 | 2100.00 | -519.42 | -1548.95 | -108.54 | 1633.72 | 107.73 | 15.24 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2114.00 | 2116.00 | -519.42 | -1548.95 | 48.40 | 1633.69 | 108.10 | 15.18 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2213.97 | 2215.97 | -519.42 | -1548.95 | 48.49 | 1632.17 | 110.43 | 14.85 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2313.80 | 2315.80 | -519.42 | -1548.95 | 48.70 | 1628.33 | 112.78 | 14.50 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2413.36 | 2415.36 | -519.42 | -1548.95 | 49.03 | 1622.22 | 115.12 | 14.15 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2512.54 | 2514.54 | -519.42 | -1548.95 | 49.50 | 1613.86 | 117.47 | 13.80 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2611.21 | 2613.21 | -519.42 | -1548.95 | 50.10 | 1603.33 | 119.81 | 13.44 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2709.26 | 2711.26 | -519.42 | -1548.95 | 50.83 | 1590.69 | 122.15 | 13.08 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2806.57 | 2808.57 | -519.42 | -1548.95 | 51.70 | 1576.03 | 124.50 | 12.71 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2903.01 | 2905.01 | -519.42 | -1548.95 | 52.72 | 1559.48 | 126.84 | 12.34 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2998.47 | 3000.47 | -519.42 | -1548.95 | 53.87 | 1541.15 | 129.20 | 11.97 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3092.84 | 3094.84 | -519.42 | -1548.95 | 55.17 | 1521.21 | 131.57 | 11.61 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3185.99 | 3187.99 | -519.42 | -1548.95 | 56.62 | 1499.84 | 133.96 | 11.24 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3277.81 | 3279.81 | -519.42 | -1548.95 | 58.23 | 1477.22 | 136.38 | 10.87 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3282.25 | 3284.25 | -519.42 | -1548.95 | 58.31 | 1476.10 | 136.50 | 10.85 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03,PR) Well: SELTZER #23-3 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3368.87 | 3370.87 | -519.42 | -1548.95 | 59.54 | 1454.39 | 138.83 | 10.51 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3459.93 | 3461.93 | -519.42 | -1548.95 | 60.87 | 1432.38 | 141.34 | 10.17 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3550.98 | 3552.98 | -519.42 | -1548.95 | 62.23 | 1411.24 | 143.90 | 9.84 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3642.04 | 3644.04 | -519.42 | -1548.95 | 63.63 | 1391.01 | 146.53 | 9.52 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3733.09 | 3735.09 | -519.42 | -1548.95 | 65.07 | 1371.73 | 149.21 | 9.22 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3824.15 | 3826.15 | -519.42 | -1548.95 | 66.54 | 1353.43 | 151.95 | 8.94 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3915.21 | 3917.21 | -519.42 | -1548.95 | 68.04 | 1336.16 | 154.74 | 8.66 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 4006.26 | 4008.26 | -519.42 | -1548.95 | 69.57 | 1319.96 | 157.58 | 8.40 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4097.32 | 4099.32 | -519.42 | -1548.95 | 71.14 | 1304.87 | 160.47 | 8.16 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03,PR) Well: SELTZER #23-3 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 | |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4188.37 | 4190.37 | -519.42 | -1548.95 | 72.73 | 1290.93 | 163.41 | 7.92 | PASS | |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4279.43 | 4281.43 | -519.42 | -1548.95 | 74.36 | 1278.18 | 166.39 | 7.70 | PASS | |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4370.48 | 4372.48 | -519.42 | -1548.95 | 76.01 | 1266.64 | 169.41 | 7.50 | PASS | |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4461.54 | 4463.54 | -519.42 | -1548.95 | 77.68 | 1256.36 | 172.47 | 7.30 | PASS | |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4552.60 | 4554.60 | -519.42 | -1548.95 | 79.38 | 1247.37 | 175.54 | 7.12 | PASS | |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4643.65 | 4645.65 | -519.42 | -1548.95 | 81.09 | 1239.69 | 178.65 | 6.96 | PASS | |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4734.71 | 4736.71 | -519.42 | -1548.95 | 82.82 | 1233.34 | 181.76 | 6.80 | PASS | |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4825.76 | 4827.76 | -519.42 | -1548.95 | 84.56 | 1228.36 | 184.89 | 6.66 | PASS | |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4916.82 | 4918.82 | -519.42 | -1548.95 | 86.32 | 1224.75 | 188.02 | 6.53 | PASS | |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5007.88 | 5009.88 | -519.42 | -1548.95 | 88.08 | 1222.54 | 191.15 | 6.41 | PASS | |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5098.93 | 5100.93 | -519.42 | -1548.95 | 89.84 | 1221.71 | 194.27 | 6.30 | PASS | |
| 5328.50† | 5112.31 | -999.35 | -425.46 | 5109.70 | 5111.70 | -519.42 | -1548.95 | 90.05 | 1221.71 | 194.65 | 6.29 | PASS | |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5189.99 | 5191.99 | -519.42 | -1548.95 | 91.61 | 1222.29 | 197.38 | 6.21 | PASS | |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5281.04 | 5283.04 | -519.42 | -1548.95 | 93.37 | 1224.26 | 200.48 | 6.12 | PASS | |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5372.10 | 5374.10 | -519.42 | -1548.95 | 95.13 | 1227.62 | 203.55 | 6.04 | PASS | |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5463.15 | 5465.15 | -519.42 | -1548.95 | 96.87 | 1232.36 | 206.59 | 5.98 | PASS | |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5554.21 | 5556.21 | -519.42 | -1548.95 | 98.60 | 1238.46 | 209.61 | 5.92 | PASS | |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5645.27 | 5647.27 | -519.42 | -1548.95 | 100.32 | 1245.90 | 212.60 | 5.87 | PASS | |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5736.32 | 5738.32 | -519.42 | -1548.95 | 102.02 | 1254.66 | 215.55 | 5.83 | PASS | |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5827.38 | 5829.38 | -519.42 | -1548.95 | 103.70 | 1264.72 | 218.46 | 5.80 | PASS | |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5918.43 | 5920.43 | -519.42 | -1548.95 | 105.35 | 1276.03 | 221.34 | 5.78 | PASS | |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 6009.49 | 6011.49 | -519.42 | -1548.95 | 106.98 | 1288.57 | 224.18 | 5.76 | PASS | |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6100.55 | 6102.55 | -519.42 | -1548.95 | 108.58 | 1302.31 | 226.98 | 5.75 | PASS | |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6191.60 | 6193.60 | -519.42 | -1548.95 | 110.15 | 1317.19 | 229.74 | 5.74 | PASS | |
| 6540.67† | 6216.07 | -1460.40 | -621.74 | 6214.06 | 6216.06 | -519.42 | -1548.95 | 110.54 | 1321.04 | 230.42 | 5.74 | PASS | |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6282.66 | 6284.66 | -519.42 | -1548.95 | 111.69 | 1333.20 | 232.47 | 5.75 | PASS | |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6373.71 | 6375.71 | -519.42 | -1548.95 | 113.20 | 1350.28 | 235.16 | 5.75 | PASS | |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6464.77 | 6466.77 | -519.42 | -1548.95 | 114.67 | 1368.39 | 237.82 | 5.76 | PASS | |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6555.82 | 6557.82 | -519.42 | -1548.95 | 116.12 | 1387.51 | 240.44 | 5.78 | PASS | |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6646.88 | 6648.88 | -519.42 | -1548.95 | 117.52 | 1407.57 | 243.03 | 5.80 | PASS | |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6737.94 | 6739.94 | -519.42 | -1548.95 | 118.89 | 1428.55 | 245.60 | 5.83 | PASS | |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 6828.99 | 6830.99 | -519.42 | -1548.95 | 120.23 | 1450.41 | 248.13 | 5.86 | PASS | |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 6920.05 | 6922.05 | -519.42 | -1548.95 | 121.53 | 1473.10 | 250.64 | 5.89 | PASS | |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 7011.10 | 7013.10 | -519.42 | -1548.95 | 122.79 | 1496.59 | 253.12 | 5.92 | PASS | |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7102.16 | 7104.16 | -519.42 | -1548.95 | 124.02 | 1520.84 | 255.58 | 5.96 | PASS | |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7193.22 | 7195.22 | -519.42 | -1548.95 | 125.22 | 1545.82 | 258.03 | 6.00 | PASS | |

| CLEARANCE DATA - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03,PR) Well: SELTZER #23-3 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7284.27 | 7286.27 | -519.42 | -1548.95 | 126.38 | 1571.49 | 260.45 | 6.04 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7375.33 | 7377.33 | -519.42 | -1548.95 | 127.51 | 1597.81 | 262.86 | 6.09 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7466.38 | 7468.38 | -519.42 | -1548.95 | 128.60 | 1624.76 | 265.25 | 6.14 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7483.15 | 7485.15 | -519.42 | -1548.95 | 128.80 | 1629.79 | 265.69 | 6.14 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7555.02 | 7557.02 | -519.42 | -1548.95 | 134.27 | 1657.27 | 267.64 | 6.20 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7635.08 | 7637.08 | -519.42 | -1548.95 | 137.16 | 1704.57 | 270.10 | 6.32 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7704.02 | 7706.02 | -519.42 | -1548.95 | 137.24 | 1765.66 | 272.35 | 6.49 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 7759.74 | 7761.74 | -519.42 | -1548.95 | 134.51 | 1838.78 | 274.17 | 6.72 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 7800.55 | 7802.55 | -519.42 | -1548.95 | 127.81 | 1921.68 | 275.50 | 6.99 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03.PR) Well: SELTZER #23-3 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 7825.21 | 7827.21 | -519.42 | -1548.95 | 114.06 | 2011.73 | 276.32 | 7.29 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2101.57 | 276.62 | 7.61 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2106.04 | 276.63 | 7.63 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2201.63 | 276.70 | 7.97 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2297.60 | 276.76 | 8.32 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2393.90 | 276.82 | 8.66 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2490.49 | 276.87 | 9.01 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2587.34 | 276.91 | 9.36 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2684.43 | 276.95 | 9.71 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2781.71 | 276.99 | 10.06 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2879.19 | 277.02 | 10.41 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 2976.83 | 277.06 | 10.76 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3074.62 | 277.09 | 11.12 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3172.55 | 277.12 | 11.47 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3270.61 | 277.15 | 11.82 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3368.78 | 277.19 | 12.18 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3467.05 | 277.22 | 12.53 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3565.42 | 277.25 | 12.88 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3663.88 | 277.28 | 13.24 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3762.42 | 277.31 | 13.59 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3861.04 | 277.34 | 13.95 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 3959.72 | 277.38 | 14.30 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4058.47 | 277.41 | 14.66 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4157.28 | 277.45 | 15.01 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4256.14 | 277.48 | 15.37 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4355.06 | 277.52 | 15.72 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4454.03 | 277.56 | 16.08 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4553.04 | 277.60 | 16.43 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4652.09 | 277.64 | 16.79 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4751.18 | 277.68 | 17.14 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4850.31 | 277.72 | 17.50 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 4949.47 | 277.76 | 17.85 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5048.67 | 277.80 | 18.21 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5147.90 | 277.85 | 18.56 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5247.16 | 277.89 | 18.92 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5346.44 | 277.94 | 19.27 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03,PR) Well: SELTZER #23-3 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5445.75 | 277.99 | 19.63 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5545.09 | 278.03 | 19.98 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5644.45 | 278.08 | 20.34 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5743.83 | 278.13 | 20.69 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5843.23 | 278.18 | 21.04 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 5942.66 | 278.24 | 21.40 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 6042.10 | 278.29 | 21.75 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 6141.56 | 278.34 | 22.11 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 6241.04 | 278.40 | 22.46 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03,PR) Well: SELTZER #23-3 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 6340.53 | 278.46 | 22.81 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 7833.00 | 7835.00 | -519.42 | -1548.95 | 90.00 | 6396.12 | 278.13 | 23.01 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 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 | 0.00 | 321.00 | 321.00 | -14.00 | 307.00 | -316.61 | -944.25 | -316.61 | -944.25 |
| 8.625in Casing Surface | 0.00 | 321.00 | 321.00 | -14.00 | 307.00 | -316.61 | -944.25 | -316.61 | -944.25 |
| 7.875in Open Hole | 321.00 | 8425.00 | 8104.00 | 307.00 | 8411.00 | -316.61 | -944.25 | -316.61 | -944.25 |
| 4.5in Casing Production | 0.00 | 8425.00 | 8425.00 | -14.00 | 8411.00 | -316.61 | -944.25 | -316.61 | -944.25 |

WELLPATH COMPOSITION - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------|
| 0.00 | 8425.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <8425> | SELTZER #23-3 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SELTZER #23-3 AWB Offset Wellpath: SELTZER #23-3 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#02 SELTZER #23-3 (1495'FSL & 1530'FWL, SEC.03) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BIOW-MOORE 3-1 AWB Offset Wellpath: BIOW-MOORE 3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX BIOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) Well: BIOW-MOORE 3-1 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 3.00 | 16.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 60.49 | 33.52 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 103.00 | 116.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 65.11 | 31.11 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 203.00 | 216.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 69.72 | 29.02 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 303.00 | 316.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 74.35 | 27.20 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 403.00 | 416.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 78.97 | 25.58 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 503.00 | 516.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 83.60 | 24.15 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 603.00 | 616.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 88.23 | 22.87 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 703.00 | 716.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 92.87 | 21.71 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 803.00 | 816.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 97.13 | 20.67 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 903.00 | 916.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 101.78 | 19.72 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1003.00 | 1016.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 106.43 | 18.86 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1103.00 | 1116.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 111.08 | 18.06 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1203.00 | 1216.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 115.74 | 17.33 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1303.00 | 1316.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 120.40 | 16.66 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1403.00 | 1416.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 125.07 | 16.04 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1503.00 | 1516.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 129.73 | 15.46 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1603.00 | 1616.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 134.41 | 14.92 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1703.00 | 1716.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 139.08 | 14.41 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1803.00 | 1816.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 143.76 | 13.94 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1903.00 | 1916.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 148.45 | 13.50 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2003.00 | 2016.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 153.13 | 13.08 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2087.00 | 2100.00 | -1391.53 | 1431.88 | 134.18 | 1996.66 | 157.07 | 12.76 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2103.00 | 2116.00 | -1391.53 | 1431.88 | -68.88 | 1996.64 | 157.82 | 12.69 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2202.97 | 2215.97 | -1391.53 | 1431.88 | -68.96 | 1995.81 | 162.52 | 12.32 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2302.80 | 2315.80 | -1391.53 | 1431.88 | -69.15 | 1993.74 | 167.22 | 11.96 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2402.36 | 2415.36 | -1391.53 | 1431.88 | -69.46 | 1990.45 | 171.91 | 11.61 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2501.54 | 2514.54 | -1391.53 | 1431.88 | -69.89 | 1985.99 | 176.60 | 11.28 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2600.21 | 2613.21 | -1391.53 | 1431.88 | -70.43 | 1980.43 | 181.27 | 10.96 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2698.26 | 2711.26 | -1391.53 | 1431.88 | -71.08 | 1973.84 | 185.93 | 10.65 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2795.57 | 2808.57 | -1391.53 | 1431.88 | -71.84 | 1966.34 | 190.59 | 10.35 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2892.01 | 2905.01 | -1391.53 | 1431.88 | -72.71 | 1958.03 | 195.23 | 10.06 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2987.47 | 3000.47 | -1391.53 | 1431.88 | -73.69 | 1949.05 | 199.88 | 9.78 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3081.84 | 3094.84 | -1391.53 | 1431.88 | -74.76 | 1939.56 | 204.52 | 9.51 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3174.99 | 3187.99 | -1391.53 | 1431.88 | -75.93 | 1929.73 | 209.17 | 9.25 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3266.81 | 3279.81 | -1391.53 | 1431.88 | -77.18 | 1919.76 | 213.83 | 9.00 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3271.25 | 3284.25 | -1391.53 | 1431.88 | -77.24 | 1919.27 | 214.06 | 8.99 | PASS |

| CLEARANCE DATA - Offset Wellbore: B1OW-MOORE 3-1 AWB Offset Wellpath: B1OW-MOORE 3-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#01 EX B1OW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) | | | Well: B1OW-MOORE 3-1 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3357.87 | 3370.87 | -1391.53 | 1431.88 | -78.29 | 1910.16 | 218.52 | 8.76 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3448.93 | 3461.93 | -1391.53 | 1431.88 | -79.41 | 1901.42 | 223.27 | 8.54 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3539.98 | 3552.98 | -1391.53 | 1431.88 | -80.53 | 1893.53 | 228.07 | 8.32 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3631.04 | 3644.04 | -1391.53 | 1431.88 | -81.66 | 1886.52 | 232.92 | 8.12 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3722.09 | 3735.09 | -1391.53 | 1431.88 | -82.80 | 1880.39 | 237.82 | 7.92 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3813.15 | 3826.15 | -1391.53 | 1431.88 | -83.94 | 1875.16 | 242.76 | 7.74 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3904.21 | 3917.21 | -1391.53 | 1431.88 | -85.09 | 1870.82 | 247.75 | 7.57 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3995.26 | 4008.26 | -1391.53 | 1431.88 | -86.24 | 1867.39 | 252.77 | 7.40 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4086.32 | 4099.32 | -1391.53 | 1431.88 | -87.39 | 1864.86 | 257.82 | 7.25 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BLOW-MOORE 3-1 AWP Offset Wellpath: BLOW-MOORE 3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX BLOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) Well: BLOW-MOORE 3-1 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4177.37 | 4190.37 | -1391.53 | 1431.88 | -88.55 | 1863.26 | 262.89 | 7.10 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4268.43 | 4281.43 | -1391.53 | 1431.88 | -89.71 | 1862.56 | 268.00 | 6.96 | PASS |
| 4441.00† | 4304.19 | -661.79 | -281.75 | 4295.00 | 4308.00 | -1391.53 | 1431.88 | -90.04 | 1862.54 | 269.45 | 6.93 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4359.48 | 4372.48 | -1391.53 | 1431.88 | -90.86 | 1862.79 | 273.12 | 6.83 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4450.54 | 4463.54 | -1391.53 | 1431.88 | -92.02 | 1863.93 | 278.26 | 6.71 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4541.60 | 4554.60 | -1391.53 | 1431.88 | -93.18 | 1865.99 | 283.41 | 6.60 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4632.65 | 4645.65 | -1391.53 | 1431.88 | -94.33 | 1868.96 | 288.57 | 6.49 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4723.71 | 4736.71 | -1391.53 | 1431.88 | -95.48 | 1872.84 | 293.74 | 6.39 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4814.76 | 4827.76 | -1391.53 | 1431.88 | -96.62 | 1877.62 | 298.92 | 6.29 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4905.82 | 4918.82 | -1391.53 | 1431.88 | -97.76 | 1883.29 | 304.09 | 6.20 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4996.88 | 5009.88 | -1391.53 | 1431.88 | -98.90 | 1889.86 | 309.27 | 6.12 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5087.93 | 5100.93 | -1391.53 | 1431.88 | -100.02 | 1897.30 | 314.44 | 6.04 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5178.99 | 5191.99 | -1391.53 | 1431.88 | -101.14 | 1905.61 | 319.60 | 5.97 | PASS |
| 5451.16† | 5224.00 | -1046.00 | -445.32 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 1908.73 | 321.42 | 5.95 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 1915.68 | 321.88 | 5.96 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 1930.63 | 321.99 | 6.00 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 1950.59 | 321.43 | 6.08 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 1975.42 | 320.22 | 6.18 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2004.93 | 318.44 | 6.31 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2038.93 | 316.15 | 6.46 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2077.19 | 313.42 | 6.64 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2119.48 | 310.32 | 6.84 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2165.56 | 306.91 | 7.07 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2215.21 | 303.28 | 7.32 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2268.18 | 299.47 | 7.59 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2324.24 | 295.55 | 7.88 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2383.19 | 291.55 | 8.19 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2444.80 | 287.53 | 8.52 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2508.89 | 283.52 | 8.87 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2575.27 | 279.54 | 9.23 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2643.77 | 275.62 | 9.61 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2714.22 | 271.79 | 10.01 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2786.48 | 268.05 | 10.42 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2860.41 | 264.41 | 10.84 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 2935.88 | 260.89 | 11.28 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 3012.79 | 257.48 | 11.73 | PASS |

| CLEARANCE DATA - Offset Wellbore: BLOW-MOORE 3-1 AWB Offset Wellpath: BLOW-MOORE 3-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#01 EX BLOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) | | | Well: BLOW-MOORE 3-1 | | 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 3091.01 | 254.20 | 12.19 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 3170.46 | 251.05 | 12.66 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 3251.05 | 248.02 | 13.14 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -101.53 | 3266.01 | 247.47 | 13.23 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -85.27 | 3331.68 | 245.31 | 13.61 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -70.59 | 3409.11 | 243.41 | 14.04 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -60.13 | 3481.26 | 242.39 | 14.39 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -52.72 | 3546.32 | 242.25 | 14.67 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -47.55 | 3602.73 | 243.00 | 14.86 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BLOW-MOORE 3-1 AWB Offset Wellpath: BLOW-MOORE 3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX BLOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) Well: BLOW-MOORE 3-1 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -44.05 | 3649.23 | 244.61 | 14.95 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3683.39 | 246.87 | 14.95 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3684.81 | 246.98 | 14.95 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3716.53 | 249.30 | 14.94 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3750.64 | 251.67 | 14.94 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3787.08 | 254.07 | 14.94 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3825.79 | 256.49 | 14.95 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3866.70 | 258.92 | 14.97 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3909.75 | 261.34 | 14.99 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 3954.85 | 263.75 | 15.03 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4001.94 | 266.14 | 15.07 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4050.95 | 268.50 | 15.12 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4101.82 | 270.82 | 15.18 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4154.47 | 273.10 | 15.24 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4208.84 | 275.33 | 15.32 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4264.86 | 277.51 | 15.40 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4322.47 | 279.63 | 15.49 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4381.61 | 281.70 | 15.58 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4442.21 | 283.71 | 15.69 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4504.21 | 285.66 | 15.80 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4567.56 | 287.55 | 15.91 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4632.20 | 289.39 | 16.04 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4698.09 | 291.16 | 16.17 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4765.16 | 292.87 | 16.30 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4833.37 | 294.52 | 16.44 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4902.67 | 296.12 | 16.59 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 4973.01 | 297.66 | 16.74 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5044.36 | 299.15 | 16.89 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5116.67 | 300.58 | 17.05 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5189.89 | 301.96 | 17.22 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5264.00 | 303.29 | 17.39 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5338.95 | 304.57 | 17.56 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5414.71 | 305.81 | 17.74 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5491.25 | 307.00 | 17.92 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5568.53 | 308.14 | 18.10 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5646.53 | 309.24 | 18.29 | PASS |

| CLEARANCE DATA - Offset Wellbore: BLOW-MOORE 3-1 AWB Offset Wellpath: BLOW-MOORE 3-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX BLOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) Well: BLOW-MOORE 3-1 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5725.20 | 310.31 | 18.48 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5804.54 | 311.33 | 18.68 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5884.50 | 312.32 | 18.87 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 5965.07 | 313.27 | 19.08 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 6046.22 | 314.19 | 19.28 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 6127.93 | 315.07 | 19.48 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 6210.17 | 315.92 | 19.69 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 6292.93 | 316.75 | 19.90 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 6376.18 | 317.54 | 20.12 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BIOW-MOORE 3-1 AWB Offset Wellpath: BIOW-MOORE 3-1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX BIOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, PR) Well: BIOW-MOORE 3-1 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 6459.90 | 318.31 | 20.33 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5211.00 | 5224.00 | -1391.53 | 1431.88 | -41.93 | 6506.87 | 318.14 | 20.45 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: BIOW-MOORE 3-1 AWB Offset Wellpath: BIOW-MOORE 3-1 AWP

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

WELLPATH COMPOSITION - Offset Wellbore: BIOW-MOORE 3-1 AWB Offset Wellpath: BIOW-MOORE 3-1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------|
| 0.00 | 5211.00 | Custom Drift Indicator (2.0 Maximum Inclination) | WORST CASE SCENARIO-ASSUMED VERTICAL TO SURFACE COGCC <5211> | BIOW-MOORE 3-1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: BIOW-MOORE 3-1 AWB Offset Wellpath: BIOW-MOORE 3-1 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#01 EX BIOW-MOORE 3-1 (666'FSL & 773'FEL, SEC.03, 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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) Well: WAGNER #13C-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 37.00 | 7387.91 | -2990.51 | -22.04 | 7970.25 | 25.57 | 323.93 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 114.99 | 151.99 | 7387.64 | -2990.58 | -22.04 | 7970.08 | 60.36 | 134.17 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 173.42 | 210.42 | 7387.43 | -2990.80 | -22.04 | 7969.88 | 60.37 | 134.14 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 260.57 | 297.56 | 7387.43 | -2991.52 | -22.05 | 7970.17 | 60.39 | 134.11 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15021.30 | 7859.56 | -66.26 | -2726.91 | -91.39 | 7927.62 | 114.30 | 69.85 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15020.41 | 7859.58 | -65.37 | -2726.89 | -91.37 | 7833.80 | 114.72 | 68.77 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15019.51 | 7859.60 | -64.46 | -2726.87 | -91.35 | 7740.13 | 115.14 | 67.69 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15018.59 | 7859.61 | -63.54 | -2726.85 | -91.34 | 7646.63 | 115.59 | 66.62 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15017.65 | 7859.63 | -62.61 | -2726.82 | -91.32 | 7553.29 | 115.84 | 65.54 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15016.70 | 7859.65 | -61.66 | -2726.80 | -91.30 | 7460.13 | 116.32 | 64.47 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15015.73 | 7859.67 | -60.69 | -2726.77 | -91.28 | 7367.14 | 116.81 | 63.39 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15014.75 | 7859.68 | -59.71 | -2726.75 | -91.25 | 7274.34 | 117.33 | 62.32 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15013.75 | 7859.70 | -58.71 | -2726.72 | -91.23 | 7181.73 | 117.86 | 61.25 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15012.73 | 7859.72 | -57.70 | -2726.70 | -91.21 | 7089.33 | 118.41 | 60.18 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15011.70 | 7859.74 | -56.66 | -2726.67 | -91.19 | 6997.13 | 118.98 | 59.11 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15010.65 | 7859.76 | -55.61 | -2726.65 | -91.17 | 6905.15 | 119.57 | 58.04 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15009.58 | 7859.79 | -54.55 | -2726.62 | -91.15 | 6813.39 | 120.18 | 56.98 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15008.49 | 7859.81 | -53.46 | -2726.59 | -91.12 | 6721.87 | 120.82 | 55.91 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15007.39 | 7859.83 | -52.35 | -2726.56 | -91.10 | 6630.59 | 121.48 | 54.85 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15006.26 | 7859.85 | -51.23 | -2726.53 | -91.08 | 6539.57 | 122.16 | 53.80 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15005.11 | 7859.88 | -50.08 | -2726.50 | -91.05 | 6448.82 | 122.86 | 52.74 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15004.13 | 7859.90 | -49.10 | -2726.48 | -91.03 | 6372.79 | 123.47 | 51.86 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15003.97 | 7859.90 | -48.93 | -2726.47 | 66.53 | 6358.33 | 123.59 | 51.70 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15004.00 | 7859.90 | -48.97 | -2726.47 | 70.51 | 6267.76 | 124.36 | 50.65 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15005.91 | 7859.86 | -50.87 | -2726.52 | 74.59 | 6176.98 | 125.15 | 49.59 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15009.73 | 7859.78 | -54.69 | -2726.62 | 78.75 | 6086.10 | 125.98 | 48.54 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15015.52 | 7859.67 | -60.48 | -2726.77 | 82.92 | 5995.21 | 126.83 | 47.49 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15023.32 | 7859.53 | -68.28 | -2726.97 | 87.07 | 5904.41 | 127.72 | 46.44 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15033.18 | 7859.36 | -78.14 | -2727.21 | 91.13 | 5813.83 | 128.65 | 45.40 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15045.14 | 7859.18 | -90.09 | -2727.49 | 95.08 | 5723.54 | 129.61 | 44.36 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15059.24 | 7858.99 | -104.19 | -2727.82 | 98.87 | 5633.68 | 130.61 | 43.33 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15075.52 | 7858.82 | -120.45 | -2728.19 | 102.48 | 5544.33 | 131.66 | 42.30 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15094.00 | 7858.67 | -138.93 | -2728.58 | 105.89 | 5455.61 | 132.75 | 41.28 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15123.99 | 7858.55 | -168.92 | -2729.16 | 108.95 | 5367.63 | 134.03 | 40.23 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15191.87 | 7858.55 | -236.79 | -2729.48 | 111.33 | 5280.27 | 135.91 | 39.02 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15195.33 | 7858.56 | -240.25 | -2729.46 | 111.44 | 5276.03 | 136.00 | 38.96 | PASS |

| CLEARANCE DATA - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) | | | Well: WAGNER #13C-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15263.34 | 7858.96 | -308.25 | -2728.24 | 110.49 | 5193.19 | 137.84 | 37.84 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15308.23 | 7859.36 | -353.12 | -2726.82 | 109.86 | 5106.13 | 139.43 | 36.78 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15343.95 | 7859.53 | -388.82 | -2725.96 | 109.34 | 5019.27 | 140.94 | 35.76 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15379.19 | 7859.55 | -424.06 | -2725.38 | 108.80 | 4932.63 | 142.51 | 34.76 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15413.98 | 7859.43 | -458.85 | -2725.09 | 108.27 | 4846.24 | 144.14 | 33.76 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15448.31 | 7859.16 | -493.17 | -2725.07 | 107.72 | 4760.11 | 145.84 | 32.77 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15477.84 | 7858.91 | -522.71 | -2725.15 | 107.24 | 4674.27 | 147.52 | 31.81 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15507.21 | 7858.81 | -552.08 | -2725.10 | 106.76 | 4588.77 | 149.27 | 30.86 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15537.18 | 7858.85 | -582.04 | -2724.91 | 106.26 | 4503.61 | 151.08 | 29.93 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) Well: WAGNER #13C-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15567.76 | 7859.06 | -612.63 | -2724.58 | 105.75 | 4418.82 | 152.97 | 29.00 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 15599.00 | 7859.43 | -643.85 | -2724.10 | 105.23 | 4334.40 | 154.93 | 28.08 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 15650.40 | 7860.31 | -695.24 | -2722.97 | 104.35 | 4250.34 | 157.26 | 27.13 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 15768.99 | 7861.69 | -813.74 | -2718.78 | 102.25 | 4166.12 | 160.61 | 26.03 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 15819.64 | 7861.91 | -864.33 | -2716.42 | 101.32 | 4081.76 | 163.05 | 25.12 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 15850.34 | 7861.91 | -895.02 | -2715.22 | 100.74 | 3997.80 | 165.31 | 24.27 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 15880.75 | 7861.79 | -925.40 | -2714.25 | 100.15 | 3914.31 | 167.65 | 23.43 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 15910.83 | 7861.58 | -955.47 | -2713.53 | 99.55 | 3831.32 | 170.09 | 22.60 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 15940.61 | 7861.26 | -985.25 | -2713.03 | 98.95 | 3748.86 | 172.63 | 21.79 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 15968.92 | 7860.86 | -1013.56 | -2712.76 | 98.36 | 3666.99 | 175.25 | 20.99 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 15987.41 | 7860.60 | -1032.04 | -2712.70 | 97.97 | 3585.79 | 177.82 | 20.23 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 16006.22 | 7860.39 | -1050.85 | -2712.73 | 97.57 | 3505.38 | 180.51 | 19.48 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 16025.35 | 7860.22 | -1069.99 | -2712.84 | 97.16 | 3425.78 | 183.30 | 18.75 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 16044.84 | 7860.10 | -1089.47 | -2713.06 | 96.74 | 3347.07 | 186.22 | 18.03 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 16064.65 | 7860.04 | -1109.28 | -2713.39 | 96.30 | 3269.30 | 189.25 | 17.33 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 16084.82 | 7860.03 | -1129.45 | -2713.82 | 95.85 | 3192.52 | 192.41 | 16.64 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 16105.35 | 7860.08 | -1149.96 | -2714.37 | 95.39 | 3116.81 | 195.69 | 15.97 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 16126.24 | 7860.19 | -1170.85 | -2715.03 | 94.92 | 3042.24 | 199.11 | 15.32 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 16160.15 | 7860.46 | -1204.73 | -2716.28 | 94.14 | 2968.85 | 202.88 | 14.67 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 16212.87 | 7860.83 | -1257.42 | -2718.06 | 92.92 | 2896.41 | 207.11 | 14.02 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 16262.25 | 7861.10 | -1306.78 | -2719.50 | 91.74 | 2824.94 | 211.38 | 13.40 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2754.63 | 215.62 | 12.81 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2685.94 | 219.33 | 12.28 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2619.27 | 223.11 | 11.77 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2554.78 | 226.96 | 11.28 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2492.62 | 230.86 | 10.82 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2433.00 | 234.79 | 10.39 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2376.08 | 238.71 | 9.98 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2322.08 | 242.59 | 9.59 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2271.20 | 246.41 | 9.24 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2223.66 | 250.11 | 8.91 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2179.67 | 253.64 | 8.61 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2139.45 | 256.97 | 8.34 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2103.22 | 260.02 | 8.10 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2071.19 | 262.76 | 7.90 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2043.56 | 265.11 | 7.72 | PASS |

| CLEARANCE DATA - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) | | | Well: WAGNER #13C-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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2020.51 | 267.04 | 7.58 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2016.77 | 267.35 | 7.56 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 97.73 | 2004.76 | 268.45 | 7.48 | PASS |
| 8091.00† | 7618.02 | -2068.98 | -870.95 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 101.28 | 2001.26 | 269.13 | 7.45 | PASS |
| 8103.81† | 7627.87 | -2076.99 | -872.69 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 101.69 | 2001.40 | 269.16 | 7.45 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 102.04 | 2001.73 | 269.19 | 7.45 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 103.51 | 2011.69 | 269.17 | 7.49 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 102.87 | 2034.16 | 268.37 | 7.59 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 100.42 | 2068.06 | 266.90 | 7.76 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) Well: WAGNER #13C-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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 96.28 | 2111.83 | 264.92 | 7.99 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2161.03 | 262.72 | 8.24 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2163.60 | 262.60 | 8.26 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2220.13 | 260.07 | 8.55 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2279.65 | 257.40 | 8.87 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2341.93 | 254.63 | 9.22 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2406.75 | 251.79 | 9.58 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2473.92 | 248.91 | 9.96 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2543.24 | 246.02 | 10.36 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2614.56 | 243.15 | 10.78 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2687.70 | 240.31 | 11.21 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2762.52 | 237.52 | 11.66 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2838.90 | 234.78 | 12.12 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2916.71 | 232.11 | 12.60 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 2995.83 | 229.51 | 13.08 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3076.17 | 226.99 | 13.58 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3157.63 | 224.54 | 14.10 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3240.13 | 222.18 | 14.62 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3323.59 | 219.90 | 15.15 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3407.94 | 217.70 | 15.69 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3493.12 | 215.57 | 16.25 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3579.07 | 213.53 | 16.80 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3665.73 | 211.57 | 17.37 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3753.05 | 209.68 | 17.95 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3840.99 | 207.87 | 18.53 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 3929.50 | 206.13 | 19.11 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4018.56 | 204.45 | 19.71 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4108.12 | 202.84 | 20.31 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4198.15 | 201.30 | 20.91 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4288.62 | 199.82 | 21.52 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4379.51 | 198.40 | 22.14 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4470.78 | 197.03 | 22.75 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4562.43 | 195.72 | 23.38 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4654.41 | 194.46 | 24.00 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4746.72 | 193.26 | 24.63 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4839.34 | 192.10 | 25.27 | PASS |

| CLEARANCE DATA - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|-----------------------|---------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) | | | Well: WAGNER #13C-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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 4932.24 | 190.98 | 25.90 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5025.42 | 189.91 | 26.54 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5118.85 | 188.88 | 27.18 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5212.53 | 187.90 | 27.82 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5306.44 | 186.95 | 28.47 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5400.57 | 186.04 | 29.12 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5494.90 | 185.16 | 29.77 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5589.43 | 184.32 | 30.42 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5684.15 | 183.51 | 31.07 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) Well: WAGNER #13C-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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5779.05 | 182.73 | 31.72 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 16300.00 | 7861.28 | -1344.51 | -2720.55 | 90.83 | 5832.13 | 181.72 | 32.09 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1057.00 | 1041.00 | 53.00 | 1093.99 | 4503.78 | -1822.74 | 4504.00 | -1823.46 |
| 9.625in Casing Surface | 16.00 | 1057.00 | 1041.00 | 53.00 | 1093.99 | 4503.78 | -1822.74 | 4504.00 | -1823.46 |
| 8.75in Open Hole | 1057.00 | 8176.00 | 7119.00 | 1093.99 | 7847.27 | 4504.00 | -1823.46 | 4317.21 | -1755.30 |
| 7in Casing Intermediate | 16.00 | 8176.00 | 8160.00 | 53.00 | 7847.27 | 4503.78 | -1822.74 | 4317.21 | -1755.30 |
| 6.125in Open Hole | 8176.00 | 16300.00 | 8124.00 | 7847.27 | 7861.28 | 4317.21 | -1755.30 | 1842.13 | -1740.78 |

WELLPATH COMPOSITION - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|-----------------------------------|---------------------|
| 16.00 | 1032.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <116-1032> | WAGNER #13C-3HZ AWB |
| 1032.00 | 16254.00 | ISCWSA MWD, Rev. 3, axial magnetic correction (Standard) | HALLIBURTON SURVEYS <1106-16254> | WAGNER #13C-3HZ AWB |
| 16254.00 | 16300.00 | Blind Drilling (std) | Projection to bit | WAGNER #13C-3HZ AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: WAGNER #13C-3HZ AWB Offset Wellpath: WAGNER #13C-3HZ AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#09 WAGNER #13C-3HZ (850'FNL & 556'FWL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03.PR) Well: WEIGANDT #43-3 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -7.00 | 16.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 25.57 | 51.50 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 93.00 | 116.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 62.37 | 20.62 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 193.00 | 216.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 64.62 | 19.89 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 293.00 | 316.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 66.87 | 19.21 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 393.00 | 416.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 68.95 | 18.58 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 493.00 | 516.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 71.20 | 17.99 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 593.00 | 616.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 73.46 | 17.43 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 693.00 | 716.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 75.73 | 16.90 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 793.00 | 816.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 77.79 | 16.41 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 893.00 | 916.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 80.06 | 15.94 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 993.00 | 1016.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 82.33 | 15.50 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1093.00 | 1116.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 84.61 | 15.08 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1193.00 | 1216.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 86.90 | 14.68 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1293.00 | 1316.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 89.18 | 14.30 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1393.00 | 1416.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 91.48 | 13.94 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1493.00 | 1516.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 93.77 | 13.60 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1593.00 | 1616.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 96.07 | 13.27 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1693.00 | 1716.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 98.37 | 12.96 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1793.00 | 1816.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 100.68 | 12.66 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1893.00 | 1916.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 102.99 | 12.37 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1993.00 | 2016.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 105.30 | 12.10 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2077.00 | 2100.00 | -368.61 | 1213.26 | 106.90 | 1268.02 | 107.25 | 11.88 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2093.00 | 2116.00 | -368.61 | 1213.26 | -96.16 | 1268.03 | 107.62 | 11.84 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2192.97 | 2215.97 | -368.61 | 1213.26 | -96.26 | 1268.28 | 109.94 | 11.59 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2292.80 | 2315.80 | -368.61 | 1213.26 | -96.51 | 1268.92 | 112.26 | 11.35 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2392.36 | 2415.36 | -368.61 | 1213.26 | -96.90 | 1270.01 | 114.59 | 11.13 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2491.54 | 2514.54 | -368.61 | 1213.26 | -97.43 | 1271.61 | 116.91 | 10.92 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2590.21 | 2613.21 | -368.61 | 1213.26 | -98.10 | 1273.83 | 119.24 | 10.73 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2688.26 | 2711.26 | -368.61 | 1213.26 | -98.90 | 1276.79 | 121.58 | 10.54 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2785.57 | 2808.57 | -368.61 | 1213.26 | -99.82 | 1280.64 | 123.93 | 10.37 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2882.01 | 2905.01 | -368.61 | 1213.26 | -100.84 | 1285.54 | 126.29 | 10.22 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2977.47 | 3000.47 | -368.61 | 1213.26 | -101.96 | 1291.70 | 128.68 | 10.08 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3071.84 | 3094.84 | -368.61 | 1213.26 | -103.16 | 1299.31 | 131.09 | 9.95 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3164.99 | 3187.99 | -368.61 | 1213.26 | -104.43 | 1308.58 | 133.52 | 9.84 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3256.81 | 3279.81 | -368.61 | 1213.26 | -105.76 | 1319.74 | 135.99 | 9.74 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3261.25 | 3284.25 | -368.61 | 1213.26 | -105.82 | 1320.33 | 136.12 | 9.73 | PASS |

| CLEARANCE DATA - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#04 EX WEIGANDT #43-3 (1640°FSL & 990°FEL, SEC.03,PR) | | | Well: WEIGANDT #43-3 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3347.87 | 3370.87 | -368.61 | 1213.26 | -107.32 | 1332.55 | 138.49 | 9.66 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3438.93 | 3461.93 | -368.61 | 1213.26 | -108.86 | 1346.51 | 141.03 | 9.58 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3529.98 | 3552.98 | -368.61 | 1213.26 | -110.38 | 1361.58 | 143.59 | 9.51 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3621.04 | 3644.04 | -368.61 | 1213.26 | -111.87 | 1377.73 | 146.18 | 9.46 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3712.09 | 3735.09 | -368.61 | 1213.26 | -113.33 | 1394.91 | 148.78 | 9.41 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3803.15 | 3826.15 | -368.61 | 1213.26 | -114.75 | 1413.10 | 151.40 | 9.36 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3894.21 | 3917.21 | -368.61 | 1213.26 | -116.15 | 1432.25 | 154.03 | 9.33 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3985.26 | 4008.26 | -368.61 | 1213.26 | -117.51 | 1452.32 | 156.66 | 9.30 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4076.32 | 4099.32 | -368.61 | 1213.26 | -118.84 | 1473.28 | 159.30 | 9.28 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03.PR) Well: WEIGANDT #43-3 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4167.37 | 4190.37 | -368.61 | 1213.26 | -120.13 | 1495.09 | 161.94 | 9.26 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4258.43 | 4281.43 | -368.61 | 1213.26 | -121.40 | 1517.71 | 164.58 | 9.25 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4349.48 | 4372.48 | -368.61 | 1213.26 | -122.63 | 1541.11 | 167.22 | 9.24 | PASS |
| 4585.46† | 4435.73 | -716.74 | -305.14 | 4412.73 | 4435.73 | -368.61 | 1213.26 | -123.46 | 1557.80 | 169.05 | 9.24 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4440.54 | 4463.54 | -368.61 | 1213.26 | -123.82 | 1565.25 | 169.85 | 9.24 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4531.60 | 4554.60 | -368.61 | 1213.26 | -124.99 | 1590.10 | 172.48 | 9.25 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4622.65 | 4645.65 | -368.61 | 1213.26 | -126.12 | 1615.63 | 175.10 | 9.25 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4713.71 | 4736.71 | -368.61 | 1213.26 | -127.22 | 1641.79 | 177.71 | 9.26 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4804.76 | 4827.76 | -368.61 | 1213.26 | -128.29 | 1668.58 | 180.32 | 9.28 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4895.82 | 4918.82 | -368.61 | 1213.26 | -129.33 | 1695.95 | 182.91 | 9.30 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4986.88 | 5009.88 | -368.61 | 1213.26 | -130.34 | 1723.87 | 185.50 | 9.32 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5077.93 | 5100.93 | -368.61 | 1213.26 | -131.32 | 1752.32 | 188.09 | 9.34 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5168.99 | 5191.99 | -368.61 | 1213.26 | -132.27 | 1781.28 | 190.66 | 9.37 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5260.04 | 5283.04 | -368.61 | 1213.26 | -133.19 | 1810.72 | 193.23 | 9.39 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5351.10 | 5374.10 | -368.61 | 1213.26 | -134.09 | 1840.62 | 195.79 | 9.42 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5442.15 | 5465.15 | -368.61 | 1213.26 | -134.96 | 1870.96 | 198.34 | 9.46 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5533.21 | 5556.21 | -368.61 | 1213.26 | -135.80 | 1901.70 | 200.88 | 9.49 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5624.27 | 5647.27 | -368.61 | 1213.26 | -136.62 | 1932.85 | 203.42 | 9.52 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5715.32 | 5738.32 | -368.61 | 1213.26 | -137.42 | 1964.37 | 205.95 | 9.56 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5806.38 | 5829.38 | -368.61 | 1213.26 | -138.19 | 1996.25 | 208.47 | 9.60 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5897.43 | 5920.43 | -368.61 | 1213.26 | -138.94 | 2028.46 | 210.99 | 9.64 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5988.49 | 6011.49 | -368.61 | 1213.26 | -139.66 | 2061.01 | 213.50 | 9.68 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6079.55 | 6102.55 | -368.61 | 1213.26 | -140.37 | 2093.86 | 216.01 | 9.72 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6170.60 | 6193.60 | -368.61 | 1213.26 | -141.06 | 2127.02 | 218.51 | 9.76 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6261.66 | 6284.66 | -368.61 | 1213.26 | -141.72 | 2160.45 | 221.00 | 9.80 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6352.71 | 6375.71 | -368.61 | 1213.26 | -142.37 | 2194.15 | 223.50 | 9.84 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6443.77 | 6466.77 | -368.61 | 1213.26 | -143.00 | 2228.11 | 225.98 | 9.88 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6534.82 | 6557.82 | -368.61 | 1213.26 | -143.61 | 2262.32 | 228.47 | 9.92 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6625.88 | 6648.88 | -368.61 | 1213.26 | -144.20 | 2296.76 | 230.95 | 9.97 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6716.94 | 6739.94 | -368.61 | 1213.26 | -144.78 | 2331.42 | 233.43 | 10.01 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 6807.99 | 6830.99 | -368.61 | 1213.26 | -145.34 | 2366.30 | 235.90 | 10.05 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 6899.05 | 6922.05 | -368.61 | 1213.26 | -145.89 | 2401.38 | 238.37 | 10.09 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 6990.10 | 7013.10 | -368.61 | 1213.26 | -146.42 | 2436.66 | 240.84 | 10.14 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7081.16 | 7104.16 | -368.61 | 1213.26 | -146.93 | 2472.13 | 243.31 | 10.18 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7172.22 | 7195.22 | -368.61 | 1213.26 | -147.44 | 2507.78 | 245.77 | 10.22 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7263.27 | 7286.27 | -368.61 | 1213.26 | -147.92 | 2543.60 | 248.24 | 10.27 | PASS |

| CLEARANCE DATA - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03,PR) Well: WEIGANDT #43-3 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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7354.33 | 7377.33 | -368.61 | 1213.26 | -148.40 | 2579.58 | 250.70 | 10.31 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7445.38 | 7468.38 | -368.61 | 1213.26 | -148.86 | 2615.73 | 253.16 | 10.35 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7462.15 | 7485.15 | -368.61 | 1213.26 | -148.95 | 2622.40 | 253.61 | 10.36 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7534.02 | 7557.02 | -368.61 | 1213.26 | -140.60 | 2654.94 | 255.61 | 10.41 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7614.08 | 7637.08 | -368.61 | 1213.26 | -132.64 | 2702.46 | 258.02 | 10.49 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7683.02 | 7706.02 | -368.61 | 1213.26 | -125.26 | 2757.44 | 260.24 | 10.62 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 7738.74 | 7761.74 | -368.61 | 1213.26 | -117.50 | 2818.71 | 262.14 | 10.77 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 7779.55 | 7802.55 | -368.61 | 1213.26 | -108.91 | 2884.88 | 263.65 | 10.96 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 7804.21 | 7827.21 | -368.61 | 1213.26 | -99.44 | 2954.32 | 264.73 | 11.18 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03,PR) Well: WEIGANDT #43-3 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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3021.85 | 265.33 | 11.41 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3025.17 | 265.35 | 11.42 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3096.96 | 265.74 | 11.68 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3170.27 | 266.11 | 11.94 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3245.02 | 266.44 | 12.20 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3321.09 | 266.76 | 12.47 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3398.40 | 267.05 | 12.75 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3476.86 | 267.33 | 13.03 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3556.41 | 267.58 | 13.32 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3636.97 | 267.82 | 13.61 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3718.47 | 268.05 | 13.90 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3800.86 | 268.26 | 14.20 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3884.07 | 268.45 | 14.50 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 3968.06 | 268.64 | 14.80 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4052.78 | 268.81 | 15.10 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4138.17 | 268.98 | 15.41 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4224.21 | 269.14 | 15.73 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4310.85 | 269.28 | 16.04 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4398.06 | 269.43 | 16.35 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4485.80 | 269.56 | 16.67 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4574.05 | 269.69 | 16.99 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4662.77 | 269.81 | 17.31 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4751.94 | 269.93 | 17.64 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4841.53 | 270.04 | 17.96 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 4931.52 | 270.15 | 18.29 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5021.89 | 270.26 | 18.62 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5112.62 | 270.36 | 18.95 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5203.68 | 270.46 | 19.28 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5295.07 | 270.56 | 19.61 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5386.77 | 270.65 | 19.94 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5478.76 | 270.74 | 20.27 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5571.02 | 270.83 | 20.61 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5663.55 | 270.92 | 20.94 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5756.32 | 271.01 | 21.28 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5849.34 | 271.10 | 21.62 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 5942.58 | 271.18 | 21.96 | PASS |

| CLEARANCE DATA - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03,PR) Well: WEIGANDT #43-3 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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6036.03 | 271.27 | 22.29 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6129.70 | 271.35 | 22.63 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6223.56 | 271.43 | 22.97 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6317.61 | 271.51 | 23.31 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6411.84 | 271.59 | 23.65 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6506.24 | 271.67 | 23.99 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6600.80 | 271.75 | 24.34 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6695.53 | 271.83 | 24.68 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6790.40 | 271.91 | 25.02 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03,PR) Well: WEIGANDT #43-3 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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 7812.00 | 7835.00 | -368.61 | 1213.26 | -90.00 | 6843.47 | 271.60 | 25.21 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 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 | 0.00 | 321.00 | 321.00 | 7.00 | 328.00 | -224.69 | 739.61 | -224.69 | 739.61 |
| 8.625in Casing Surface | 0.00 | 321.00 | 321.00 | 7.00 | 328.00 | -224.69 | 739.61 | -224.69 | 739.61 |
| 7.875in Open Hole | 321.00 | 8406.00 | 8085.00 | 328.00 | 8413.00 | -224.69 | 739.61 | -224.69 | 739.61 |
| 4.5in Casing Production | 0.00 | 8406.00 | 8406.00 | 7.00 | 8413.00 | -224.69 | 739.61 | -224.69 | 739.61 |

WELLPATH COMPOSITION - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------|
| 0.00 | 8413.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <8413> | WEIGANDT #43-3 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: WEIGANDT #43-3 AWB Offset Wellpath: WEIGANDT #43-3 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#04 EX WEIGANDT #43-3 (1640'FSL & 990'FEL, SEC.03) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA.) Well: EHLER 10-5P 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 21.00 | -6604.45 | 1628.37 | 166.15 | 6802.24 | 25.57 | 276.45 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 79.00 | 116.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 63.99 | 107.91 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 179.00 | 216.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 68.60 | 100.56 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 279.00 | 316.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 73.21 | 94.14 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 379.00 | 416.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 77.83 | 88.49 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 479.00 | 516.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 82.44 | 83.47 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 579.00 | 616.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 87.07 | 78.99 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 679.00 | 716.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 91.69 | 74.96 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 779.00 | 816.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 95.95 | 71.32 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 879.00 | 916.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 100.58 | 68.02 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 979.00 | 1016.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 105.22 | 65.00 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1079.00 | 1116.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 109.86 | 62.24 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1179.00 | 1216.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 114.51 | 59.70 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1279.00 | 1316.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 119.16 | 57.36 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1379.00 | 1416.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 123.81 | 55.19 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1479.00 | 1516.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 128.47 | 53.18 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1579.00 | 1616.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 133.13 | 51.31 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1679.00 | 1716.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 137.80 | 49.57 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1779.00 | 1816.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 142.47 | 47.94 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1879.00 | 1916.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 147.14 | 46.41 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1979.00 | 2016.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 151.82 | 44.97 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2063.00 | 2100.00 | -6604.45 | 1628.37 | 166.15 | 6802.23 | 155.75 | 43.83 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2079.00 | 2116.00 | -6604.45 | 1628.37 | -36.91 | 6802.20 | 156.50 | 43.62 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2178.97 | 2215.97 | -6604.45 | 1628.37 | -36.95 | 6800.36 | 161.19 | 42.34 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2278.80 | 2315.80 | -6604.45 | 1628.37 | -37.03 | 6795.73 | 165.91 | 41.10 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2378.36 | 2415.36 | -6604.45 | 1628.37 | -37.17 | 6788.32 | 170.62 | 39.92 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2477.54 | 2514.54 | -6604.45 | 1628.37 | -37.36 | 6778.15 | 175.32 | 38.79 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2576.21 | 2613.21 | -6604.45 | 1628.37 | -37.60 | 6765.23 | 180.00 | 37.70 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2674.26 | 2711.26 | -6604.45 | 1628.37 | -37.89 | 6749.60 | 184.67 | 36.66 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2771.57 | 2808.57 | -6604.45 | 1628.37 | -38.24 | 6731.28 | 189.31 | 35.66 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2868.01 | 2905.01 | -6604.45 | 1628.37 | -38.65 | 6710.30 | 193.93 | 34.70 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2963.47 | 3000.47 | -6604.45 | 1628.37 | -39.11 | 6686.71 | 198.52 | 33.78 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3057.84 | 3094.84 | -6604.45 | 1628.37 | -39.63 | 6660.55 | 203.09 | 32.89 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3150.99 | 3187.99 | -6604.45 | 1628.37 | -40.21 | 6631.87 | 207.63 | 32.03 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3242.81 | 3279.81 | -6604.45 | 1628.37 | -40.85 | 6600.73 | 212.14 | 31.20 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3247.25 | 3284.25 | -6604.45 | 1628.37 | -40.88 | 6599.15 | 212.36 | 31.16 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA.) | | Well: EHLER 10-5P | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3333.87 | 3370.87 | -6604.45 | 1628.37 | -41.10 | 6568.32 | 216.62 | 30.40 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3424.93 | 3461.93 | -6604.45 | 1628.37 | -41.33 | 6536.00 | 221.13 | 29.63 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3515.98 | 3552.98 | -6604.45 | 1628.37 | -41.56 | 6503.78 | 225.66 | 28.89 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3607.04 | 3644.04 | -6604.45 | 1628.37 | -41.79 | 6471.67 | 230.23 | 28.18 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3698.09 | 3735.09 | -6604.45 | 1628.37 | -42.03 | 6439.66 | 234.82 | 27.49 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3789.15 | 3826.15 | -6604.45 | 1628.37 | -42.27 | 6407.76 | 239.45 | 26.82 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3880.21 | 3917.21 | -6604.45 | 1628.37 | -42.51 | 6375.97 | 244.10 | 26.18 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3971.26 | 4008.26 | -6604.45 | 1628.37 | -42.75 | 6344.28 | 248.77 | 25.56 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4062.32 | 4099.32 | -6604.45 | 1628.37 | -42.99 | 6312.71 | 253.48 | 24.96 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA.) Well: EHLER 10-5P 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4153.37 | 4190.37 | -6604.45 | 1628.37 | -43.24 | 6281.25 | 258.20 | 24.38 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4244.43 | 4281.43 | -6604.45 | 1628.37 | -43.49 | 6249.91 | 262.96 | 23.82 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4335.48 | 4372.48 | -6604.45 | 1628.37 | -43.74 | 6218.69 | 267.74 | 23.28 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4426.54 | 4463.54 | -6604.45 | 1628.37 | -43.99 | 6187.58 | 272.54 | 22.75 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4517.60 | 4554.60 | -6604.45 | 1628.37 | -44.25 | 6156.59 | 277.37 | 22.24 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4608.65 | 4645.65 | -6604.45 | 1628.37 | -44.51 | 6125.73 | 282.21 | 21.75 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4699.71 | 4736.71 | -6604.45 | 1628.37 | -44.77 | 6094.99 | 287.09 | 21.27 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4790.76 | 4827.76 | -6604.45 | 1628.37 | -45.03 | 6064.37 | 291.98 | 20.81 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4881.82 | 4918.82 | -6604.45 | 1628.37 | -45.30 | 6033.89 | 296.89 | 20.36 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4972.88 | 5009.88 | -6604.45 | 1628.37 | -45.56 | 6003.53 | 301.83 | 19.93 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5063.93 | 5100.93 | -6604.45 | 1628.37 | -45.83 | 5973.31 | 306.78 | 19.51 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5943.32 | 310.10 | 19.20 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5914.62 | 310.87 | 19.06 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5887.48 | 311.58 | 18.93 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5861.92 | 312.24 | 18.81 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5837.96 | 312.83 | 18.69 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5815.63 | 313.36 | 18.59 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5794.93 | 313.83 | 18.50 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5775.89 | 314.23 | 18.41 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5758.52 | 314.57 | 18.34 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5742.84 | 314.82 | 18.27 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5728.87 | 315.01 | 18.22 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5716.61 | 315.12 | 18.17 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5706.07 | 315.16 | 18.14 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5697.28 | 315.11 | 18.11 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5690.22 | 314.99 | 18.10 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5684.92 | 314.79 | 18.09 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5681.37 | 314.51 | 18.10 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5679.59 | 314.14 | 18.11 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5679.56 | 313.70 | 18.14 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5681.29 | 313.18 | 18.17 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5684.78 | 312.58 | 18.22 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5690.03 | 311.90 | 18.28 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5697.03 | 311.14 | 18.34 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5705.77 | 310.31 | 18.42 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5716.25 | 309.40 | 18.51 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA.) | | Well: EHLER 10-5P | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5728.45 | 308.42 | 18.61 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -46.00 | 5730.89 | 308.23 | 18.63 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -39.97 | 5736.96 | 307.51 | 18.69 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -36.13 | 5731.17 | 307.09 | 18.70 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -34.52 | 5710.93 | 306.99 | 18.64 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -34.44 | 5676.71 | 307.02 | 18.52 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -35.75 | 5629.30 | 307.21 | 18.36 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -38.61 | 5569.83 | 307.56 | 18.14 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5503.24 | 308.05 | 17.90 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA.) Well: EHLER 10-5P 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5499.76 | 308.08 | 17.88 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5425.80 | 308.52 | 17.62 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5352.69 | 308.96 | 17.36 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5280.46 | 309.41 | 17.10 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5209.14 | 309.87 | 16.84 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5138.79 | 310.34 | 16.59 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5069.43 | 310.82 | 16.34 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 5001.10 | 311.31 | 16.09 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4933.86 | 311.80 | 15.85 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4867.75 | 312.30 | 15.61 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4802.80 | 312.81 | 15.38 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4739.08 | 313.32 | 15.15 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4676.63 | 313.84 | 14.93 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4615.50 | 314.37 | 14.71 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4555.74 | 314.90 | 14.49 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4497.41 | 315.43 | 14.28 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4440.57 | 315.97 | 14.08 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4385.28 | 316.52 | 13.88 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4331.58 | 317.07 | 13.68 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4279.55 | 317.62 | 13.50 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4229.25 | 318.19 | 13.31 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4180.73 | 318.76 | 13.14 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4134.06 | 319.34 | 12.97 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4089.30 | 319.94 | 12.80 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4046.53 | 320.55 | 12.64 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 4005.79 | 321.17 | 12.49 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3967.15 | 321.82 | 12.35 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3930.68 | 322.48 | 12.21 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3896.43 | 323.18 | 12.08 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3864.47 | 323.90 | 11.95 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3834.86 | 324.65 | 11.83 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3807.63 | 325.45 | 11.72 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3782.86 | 326.28 | 11.61 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3760.59 | 327.16 | 11.51 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3740.85 | 328.09 | 11.42 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3723.70 | 329.07 | 11.33 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA.) | | | Well: EHLER 10-5P | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3709.16 | 330.10 | 11.25 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3697.27 | 331.19 | 11.18 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3688.06 | 332.34 | 11.11 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3681.54 | 333.55 | 11.06 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3677.73 | 334.81 | 11.00 | PASS |
| 12706.00† | 7835.00 | -6615.49 | -889.65 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3676.63 | 336.00 | 10.96 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3676.64 | 336.13 | 10.96 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3678.27 | 337.51 | 10.92 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3682.61 | 338.93 | 10.88 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA.) Well: EHLER 10-5P 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 |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 5119.00 | 5156.00 | -6604.45 | 1628.37 | -43.23 | 3686.21 | 339.75 | 10.87 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP

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

WELLPATH COMPOSITION - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|---|-----------------|
| 0.00 | 5119.00 | Custom Drift Indicator (2.0 Maximum Inclination) | WORST CASE SCENARIO-ASSUMED VERTICAL TO SURFACE COGCC<5119> | EHLER 10-5P AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: EHLER 10-5P AWB Offset Wellpath: EHLER 10-5P AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#02 EX EHLER 10-5P (720'FSL & 600'FEL, SEC.10, PA, (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) Well: BONACQUISTI 10-1 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 50.00 | -4029.36 | 1555.03 | 158.90 | 4319.14 | 25.56 | 175.53 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 50.00 | 116.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 62.66 | 69.99 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 150.00 | 216.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 67.26 | 65.13 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 250.00 | 316.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 71.87 | 60.90 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 350.00 | 416.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 76.48 | 57.18 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 450.00 | 516.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 81.10 | 53.88 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 550.00 | 616.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 85.72 | 50.95 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 650.00 | 716.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 90.35 | 48.31 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 750.00 | 816.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 94.59 | 45.94 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 850.00 | 916.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 99.23 | 43.78 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 950.00 | 1016.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 103.86 | 41.81 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1050.00 | 1116.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 108.51 | 40.01 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1150.00 | 1216.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 113.15 | 38.36 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1250.00 | 1316.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 117.80 | 36.84 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1350.00 | 1416.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 122.45 | 35.44 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1450.00 | 1516.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 127.11 | 34.13 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1550.00 | 1616.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 131.77 | 32.92 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1650.00 | 1716.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 136.43 | 31.79 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1750.00 | 1816.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 141.10 | 30.73 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1850.00 | 1916.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 145.77 | 29.74 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1950.00 | 2016.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 150.44 | 28.82 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2034.00 | 2100.00 | -4029.36 | 1555.03 | 158.90 | 4319.01 | 154.37 | 28.08 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2050.00 | 2116.00 | -4029.36 | 1555.03 | -44.17 | 4318.98 | 155.12 | 27.94 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2149.97 | 2215.97 | -4029.36 | 1555.03 | -44.21 | 4317.33 | 159.81 | 27.11 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2249.80 | 2315.80 | -4029.36 | 1555.03 | -44.32 | 4313.18 | 164.52 | 26.31 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2349.36 | 2415.36 | -4029.36 | 1555.03 | -44.50 | 4306.54 | 169.22 | 25.53 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2448.54 | 2514.54 | -4029.36 | 1555.03 | -44.75 | 4297.43 | 173.91 | 24.79 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2547.21 | 2613.21 | -4029.36 | 1555.03 | -45.06 | 4285.89 | 178.59 | 24.07 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2645.26 | 2711.26 | -4029.36 | 1555.03 | -45.45 | 4271.93 | 183.25 | 23.38 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2742.57 | 2808.57 | -4029.36 | 1555.03 | -45.90 | 4255.61 | 187.89 | 22.72 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2839.01 | 2905.01 | -4029.36 | 1555.03 | -46.43 | 4236.97 | 192.51 | 22.07 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2934.47 | 3000.47 | -4029.36 | 1555.03 | -47.03 | 4216.07 | 197.11 | 21.45 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3028.84 | 3094.84 | -4029.36 | 1555.03 | -47.70 | 4192.96 | 201.69 | 20.85 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3121.99 | 3187.99 | -4029.36 | 1555.03 | -48.44 | 4167.72 | 206.25 | 20.26 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3213.81 | 3279.81 | -4029.36 | 1555.03 | -49.26 | 4140.43 | 210.80 | 19.69 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3218.25 | 3284.25 | -4029.36 | 1555.03 | -49.31 | 4139.05 | 211.02 | 19.67 | PASS |

| CLEARANCE DATA - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) | | | | Well: BONACQUISTI 10-1 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3304.87 | 3370.87 | -4029.36 | 1555.03 | -49.70 | 4112.15 | 215.33 | 19.15 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3395.93 | 3461.93 | -4029.36 | 1555.03 | -50.12 | 4084.09 | 219.90 | 18.62 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3486.98 | 3552.98 | -4029.36 | 1555.03 | -50.54 | 4056.25 | 224.51 | 18.11 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3578.04 | 3644.04 | -4029.36 | 1555.03 | -50.97 | 4028.65 | 229.15 | 17.62 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3669.09 | 3735.09 | -4029.36 | 1555.03 | -51.41 | 4001.28 | 233.84 | 17.15 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3760.15 | 3826.15 | -4029.36 | 1555.03 | -51.85 | 3974.16 | 238.56 | 16.70 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3851.21 | 3917.21 | -4029.36 | 1555.03 | -52.30 | 3947.28 | 243.32 | 16.26 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3942.26 | 4008.26 | -4029.36 | 1555.03 | -52.75 | 3920.65 | 248.11 | 15.84 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4033.32 | 4099.32 | -4029.36 | 1555.03 | -53.20 | 3894.28 | 252.94 | 15.43 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) Well: BONACQUISTI 10-1 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4124.37 | 4190.37 | -4029.36 | 1555.03 | -53.67 | 3868.17 | 257.80 | 15.04 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4215.43 | 4281.43 | -4029.36 | 1555.03 | -54.13 | 3842.33 | 262.70 | 14.66 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4306.48 | 4372.48 | -4029.36 | 1555.03 | -54.61 | 3816.77 | 267.63 | 14.29 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4397.54 | 4463.54 | -4029.36 | 1555.03 | -55.09 | 3791.48 | 272.59 | 13.94 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4488.60 | 4554.60 | -4029.36 | 1555.03 | -55.57 | 3766.47 | 277.58 | 13.60 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4579.65 | 4645.65 | -4029.36 | 1555.03 | -56.06 | 3741.75 | 282.60 | 13.27 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4670.71 | 4736.71 | -4029.36 | 1555.03 | -56.56 | 3717.33 | 287.65 | 12.95 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4761.76 | 4827.76 | -4029.36 | 1555.03 | -57.06 | 3693.21 | 292.73 | 12.64 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4852.82 | 4918.82 | -4029.36 | 1555.03 | -57.57 | 3669.40 | 297.83 | 12.34 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4943.88 | 5009.88 | -4029.36 | 1555.03 | -58.08 | 3645.90 | 302.96 | 12.06 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5034.93 | 5100.93 | -4029.36 | 1555.03 | -58.60 | 3622.72 | 308.12 | 11.78 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3599.96 | 312.11 | 11.55 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3579.26 | 313.00 | 11.45 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3561.24 | 313.72 | 11.37 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3545.96 | 314.24 | 11.30 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3533.44 | 314.57 | 11.25 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3523.71 | 314.70 | 11.22 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3516.81 | 314.62 | 11.20 | PASS |
| 6082.74† | 5799.09 | -1286.22 | -547.59 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3513.77 | 314.45 | 11.19 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3512.73 | 314.34 | 11.19 | PASS |
| 6206.00† | 5911.33 | -1333.10 | -567.55 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3511.50 | 313.90 | 11.21 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3511.51 | 313.84 | 11.21 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3513.12 | 313.14 | 11.24 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3517.59 | 312.23 | 11.29 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3524.88 | 311.12 | 11.35 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3534.99 | 309.82 | 11.43 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3547.89 | 308.32 | 11.53 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3563.55 | 306.64 | 11.64 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3581.94 | 304.80 | 11.77 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3603.00 | 302.79 | 11.92 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3626.71 | 300.63 | 12.09 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3653.00 | 298.34 | 12.27 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3681.81 | 295.92 | 12.46 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3713.10 | 293.40 | 12.68 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3746.80 | 290.77 | 12.91 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3782.84 | 288.06 | 13.16 | PASS |

| CLEARANCE DATA - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) | | | | Well: BONACQUISTI 10-1 | | 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3821.16 | 285.27 | 13.42 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3861.68 | 282.42 | 13.70 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3904.35 | 279.53 | 13.99 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -58.97 | 3912.44 | 278.99 | 14.05 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -51.26 | 3944.68 | 276.72 | 14.28 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -45.67 | 3973.56 | 274.42 | 14.51 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.47 | 3990.16 | 272.57 | 14.67 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -40.83 | 3994.13 | 271.09 | 14.76 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -40.38 | 3985.39 | 270.03 | 14.79 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) Well: BONACQUISTI 10-1 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -41.01 | 3964.12 | 269.45 | 14.74 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3932.60 | 269.36 | 14.63 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3930.79 | 269.37 | 14.62 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3893.34 | 269.23 | 14.49 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3858.13 | 269.15 | 14.36 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3825.21 | 269.14 | 14.24 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3794.63 | 269.19 | 14.13 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3766.47 | 269.31 | 14.01 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3740.76 | 269.52 | 13.91 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3717.57 | 269.81 | 13.81 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3696.94 | 270.20 | 13.71 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3678.92 | 270.69 | 13.62 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3663.53 | 271.28 | 13.53 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3650.82 | 271.98 | 13.45 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3640.82 | 272.79 | 13.37 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3633.54 | 273.72 | 13.30 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3629.00 | 274.76 | 13.23 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3627.21 | 275.92 | 13.17 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3628.18 | 277.18 | 13.12 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3631.91 | 278.55 | 13.06 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3638.38 | 280.02 | 13.02 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3647.58 | 281.59 | 12.98 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3659.49 | 283.25 | 12.94 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3674.08 | 284.98 | 12.92 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3691.33 | 286.78 | 12.90 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3711.20 | 288.64 | 12.88 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3733.63 | 290.55 | 12.87 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3758.60 | 292.50 | 12.87 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3786.04 | 294.47 | 12.88 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3815.90 | 296.46 | 12.90 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3848.14 | 298.45 | 12.92 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3882.68 | 300.44 | 12.95 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3919.47 | 302.42 | 12.98 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3958.44 | 304.38 | 13.03 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 3999.54 | 306.31 | 13.08 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4042.69 | 308.20 | 13.14 | PASS |

| CLEARANCE DATA - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) | | | | Well: BONACQUISTI 10-1 | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4087.84 | 310.06 | 13.21 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4134.90 | 311.88 | 13.28 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4183.83 | 313.65 | 13.36 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4234.56 | 315.36 | 13.45 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4287.02 | 317.03 | 13.55 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4341.15 | 318.64 | 13.65 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4396.89 | 320.19 | 13.76 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4454.17 | 321.69 | 13.87 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4512.95 | 323.13 | 13.99 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10, PA) Well: BONACQUISTI 10-1 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4573.15 | 324.51 | 14.12 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5100.00 | 5166.00 | -4029.36 | 1555.03 | -42.62 | 4607.39 | 324.67 | 14.19 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP

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

WELLPATH COMPOSITION - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|----------------------|
| 0.00 | 5100.00 | Custom Drift Indicator (2.0 Maximum Inclination) | WORST CASE SCENARIO-ASSUMED VERTICAL TO SURFACE COGCC <5100> | BONACQUISTI 10-1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: BONACQUISTI 10-1 AWB Offset Wellpath: BONACQUISTI 10-1 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#01 EX BONACQUISTI 10-1 (1980'FNL & 660'FEL, SEC.10) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) Well: WEIGANDT JOHN H #A 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 24.00 | 1265.53 | 247.12 | 11.05 | 1289.46 | 25.56 | 52.37 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 76.00 | 116.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 62.02 | 21.10 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 176.00 | 216.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 64.25 | 20.36 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 276.00 | 316.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 66.48 | 19.67 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 376.00 | 416.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 68.71 | 19.02 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 476.00 | 516.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 70.95 | 18.41 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 576.00 | 616.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 73.19 | 17.84 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 676.00 | 716.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 75.44 | 17.30 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 776.00 | 816.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 77.48 | 16.80 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 876.00 | 916.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 79.73 | 16.32 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 976.00 | 1016.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 81.99 | 15.86 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1076.00 | 1116.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 84.25 | 15.43 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1176.00 | 1216.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 86.40 | 15.03 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1276.00 | 1316.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 88.67 | 14.64 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1376.00 | 1416.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 90.95 | 14.27 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1476.00 | 1516.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 93.22 | 13.92 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1576.00 | 1616.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 95.50 | 13.59 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1676.00 | 1716.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 97.79 | 13.27 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1776.00 | 1816.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 100.08 | 12.96 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1876.00 | 1916.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 102.37 | 12.67 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1976.00 | 2016.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 104.66 | 12.39 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2060.00 | 2100.00 | 1265.53 | 247.12 | 11.05 | 1289.43 | 106.59 | 12.16 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2076.00 | 2116.00 | 1265.53 | 247.12 | 167.99 | 1289.48 | 106.96 | 12.12 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2175.97 | 2215.97 | 1265.53 | 247.12 | 168.00 | 1291.73 | 109.28 | 11.88 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2275.80 | 2315.80 | 1265.53 | 247.12 | 168.03 | 1297.40 | 111.64 | 11.68 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2375.36 | 2415.36 | 1265.53 | 247.12 | 168.08 | 1306.47 | 114.00 | 11.52 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2474.54 | 2514.54 | 1265.53 | 247.12 | 168.14 | 1318.94 | 116.35 | 11.39 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2573.21 | 2613.21 | 1265.53 | 247.12 | 168.22 | 1334.80 | 118.69 | 11.30 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2671.26 | 2711.26 | 1265.53 | 247.12 | 168.31 | 1354.03 | 121.03 | 11.24 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2768.57 | 2808.57 | 1265.53 | 247.12 | 168.41 | 1376.62 | 123.35 | 11.21 | PASS |
| 2865.41† | 2856.34 | -93.52 | -39.82 | 2816.34 | 2856.34 | 1265.53 | 247.12 | 168.46 | 1389.01 | 124.50 | 11.21 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2865.01 | 2905.01 | 1265.53 | 247.12 | 168.52 | 1402.54 | 125.67 | 11.21 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2960.47 | 3000.47 | 1265.53 | 247.12 | 168.64 | 1431.77 | 127.96 | 11.24 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3054.84 | 3094.84 | 1265.53 | 247.12 | 168.76 | 1464.28 | 130.24 | 11.29 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3147.99 | 3187.99 | 1265.53 | 247.12 | 168.88 | 1500.04 | 132.50 | 11.37 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3239.81 | 3279.81 | 1265.53 | 247.12 | 169.00 | 1539.00 | 134.73 | 11.47 | PASS |

| CLEARANCE DATA - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) Well: WEIGANDT JOHN H #A 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 |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3244.25 | 3284.25 | 1265.53 | 247.12 | 169.01 | 1540.98 | 134.84 | 11.48 | PASS |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3330.87 | 3370.87 | 1265.53 | 247.12 | 169.28 | 1579.72 | 136.91 | 11.59 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3421.93 | 3461.93 | 1265.53 | 247.12 | 169.55 | 1620.47 | 139.10 | 11.70 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3512.98 | 3552.98 | 1265.53 | 247.12 | 169.81 | 1661.25 | 141.29 | 11.81 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3604.04 | 3644.04 | 1265.53 | 247.12 | 170.06 | 1702.06 | 143.50 | 11.91 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3695.09 | 3735.09 | 1265.53 | 247.12 | 170.29 | 1742.89 | 145.71 | 12.01 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3786.15 | 3826.15 | 1265.53 | 247.12 | 170.51 | 1783.75 | 147.93 | 12.11 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3877.21 | 3917.21 | 1265.53 | 247.12 | 170.73 | 1824.63 | 150.16 | 12.20 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3968.26 | 4008.26 | 1265.53 | 247.12 | 170.93 | 1865.53 | 152.39 | 12.29 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) Well: WEIGANDT JOHN H #A 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 |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4059.32 | 4099.32 | 1265.53 | 247.12 | 171.13 | 1906.44 | 154.63 | 12.38 | PASS |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4150.37 | 4190.37 | 1265.53 | 247.12 | 171.31 | 1947.38 | 156.88 | 12.46 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4241.43 | 4281.43 | 1265.53 | 247.12 | 171.49 | 1988.33 | 159.14 | 12.54 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4332.48 | 4372.48 | 1265.53 | 247.12 | 171.67 | 2029.30 | 161.41 | 12.62 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4423.54 | 4463.54 | 1265.53 | 247.12 | 171.83 | 2070.28 | 163.68 | 12.69 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4514.60 | 4554.60 | 1265.53 | 247.12 | 171.99 | 2111.28 | 165.96 | 12.77 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4605.65 | 4645.65 | 1265.53 | 247.12 | 172.14 | 2152.29 | 168.24 | 12.84 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4696.71 | 4736.71 | 1265.53 | 247.12 | 172.29 | 2193.31 | 170.53 | 12.91 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4787.76 | 4827.76 | 1265.53 | 247.12 | 172.43 | 2234.34 | 172.83 | 12.97 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4878.82 | 4918.82 | 1265.53 | 247.12 | 172.57 | 2275.38 | 175.13 | 13.04 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4969.88 | 5009.88 | 1265.53 | 247.12 | 172.70 | 2316.44 | 177.44 | 13.10 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5060.93 | 5100.93 | 1265.53 | 247.12 | 172.83 | 2357.50 | 179.75 | 13.16 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5151.99 | 5191.99 | 1265.53 | 247.12 | 172.95 | 2398.58 | 182.07 | 13.22 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5243.04 | 5283.04 | 1265.53 | 247.12 | 173.07 | 2439.66 | 184.40 | 13.27 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5334.10 | 5374.10 | 1265.53 | 247.12 | 173.19 | 2480.75 | 186.73 | 13.33 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5425.15 | 5465.15 | 1265.53 | 247.12 | 173.30 | 2521.85 | 189.06 | 13.38 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5516.21 | 5556.21 | 1265.53 | 247.12 | 173.40 | 2562.96 | 191.40 | 13.43 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5607.27 | 5647.27 | 1265.53 | 247.12 | 173.51 | 2604.07 | 193.75 | 13.48 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5698.32 | 5738.32 | 1265.53 | 247.12 | 173.61 | 2645.19 | 196.10 | 13.53 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5789.38 | 5829.38 | 1265.53 | 247.12 | 173.71 | 2686.32 | 198.45 | 13.58 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5880.43 | 5920.43 | 1265.53 | 247.12 | 173.80 | 2727.46 | 200.81 | 13.62 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5971.49 | 6011.49 | 1265.53 | 247.12 | 173.90 | 2768.60 | 203.18 | 13.67 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6062.55 | 6102.55 | 1265.53 | 247.12 | 173.99 | 2809.74 | 205.55 | 13.71 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6153.60 | 6193.60 | 1265.53 | 247.12 | 174.07 | 2850.90 | 207.92 | 13.75 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6244.66 | 6284.66 | 1265.53 | 247.12 | 174.16 | 2892.05 | 210.30 | 13.79 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6335.71 | 6375.71 | 1265.53 | 247.12 | 174.24 | 2933.21 | 212.68 | 13.83 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6426.77 | 6466.77 | 1265.53 | 247.12 | 174.32 | 2974.38 | 215.06 | 13.87 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6517.82 | 6557.82 | 1265.53 | 247.12 | 174.40 | 3015.55 | 217.45 | 13.91 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6608.88 | 6648.88 | 1265.53 | 247.12 | 174.47 | 3056.73 | 219.84 | 13.94 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6699.94 | 6739.94 | 1265.53 | 247.12 | 174.55 | 3097.91 | 222.24 | 13.98 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 6790.99 | 6830.99 | 1265.53 | 247.12 | 174.62 | 3139.10 | 224.64 | 14.01 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 6882.05 | 6922.05 | 1265.53 | 247.12 | 174.69 | 3180.28 | 227.04 | 14.04 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 6973.10 | 7013.10 | 1265.53 | 247.12 | 174.76 | 3221.48 | 229.44 | 14.08 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7064.16 | 7104.16 | 1265.53 | 247.12 | 174.82 | 3262.67 | 231.85 | 14.11 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7155.22 | 7195.22 | 1265.53 | 247.12 | 174.89 | 3303.87 | 234.27 | 14.14 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7246.27 | 7286.27 | 1265.53 | 247.12 | 174.95 | 3345.08 | 236.68 | 14.17 | PASS |

| CLEARANCE DATA - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) Well: WEIGANDT JOHN H #A 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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7337.33 | 7377.33 | 1265.53 | 247.12 | 175.01 | 3386.28 | 239.10 | 14.20 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7428.38 | 7468.38 | 1265.53 | 247.12 | 175.07 | 3427.49 | 241.52 | 14.23 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7445.15 | 7485.15 | 1265.53 | 247.12 | 175.08 | 3435.08 | 241.97 | 14.23 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7517.02 | 7557.02 | 1265.53 | 247.12 | -177.51 | 3473.54 | 243.97 | 14.27 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7597.08 | 7637.08 | 1265.53 | 247.12 | -170.62 | 3533.04 | 246.53 | 14.37 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7666.02 | 7706.02 | 1265.53 | 247.12 | -163.85 | 3604.45 | 248.86 | 14.52 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 7721.74 | 7761.74 | 1265.53 | 247.12 | -155.26 | 3685.67 | 250.70 | 14.74 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 7762.55 | 7802.55 | 1265.53 | 247.12 | -142.02 | 3774.29 | 252.03 | 15.01 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 7787.21 | 7827.21 | 1265.53 | 247.12 | -119.75 | 3867.69 | 252.80 | 15.34 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) Well: WEIGANDT JOHN H #A 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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 3958.63 | 253.05 | 15.68 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 3963.11 | 253.05 | 15.70 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4058.74 | 253.07 | 16.08 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4154.59 | 253.09 | 16.45 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4250.62 | 253.12 | 16.83 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4346.83 | 253.14 | 17.21 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4443.21 | 253.17 | 17.59 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4539.74 | 253.21 | 17.97 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4636.43 | 253.25 | 18.35 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4733.25 | 253.29 | 18.73 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4830.20 | 253.33 | 19.11 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 4927.27 | 253.37 | 19.49 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5024.45 | 253.42 | 19.87 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5121.75 | 253.47 | 20.26 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5219.15 | 253.52 | 20.64 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5316.64 | 253.57 | 21.02 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5414.23 | 253.62 | 21.40 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5511.90 | 253.68 | 21.78 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5609.65 | 253.74 | 22.16 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5707.48 | 253.80 | 22.54 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5805.39 | 253.86 | 22.92 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 5903.36 | 253.92 | 23.31 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6001.41 | 253.99 | 23.69 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6099.51 | 254.05 | 24.07 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6197.68 | 254.12 | 24.45 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6295.90 | 254.19 | 24.83 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6394.18 | 254.26 | 25.21 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6492.52 | 254.34 | 25.59 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6590.90 | 254.41 | 25.97 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6689.33 | 254.48 | 26.35 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6787.80 | 254.56 | 26.73 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6886.32 | 254.64 | 27.11 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 6984.89 | 254.72 | 27.49 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7083.49 | 254.80 | 27.87 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7182.13 | 254.88 | 28.25 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7280.81 | 254.96 | 28.63 | PASS |

| CLEARANCE DATA - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) Well: WEIGANDT JOHN H #A 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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7379.52 | 255.05 | 29.00 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7478.27 | 255.13 | 29.38 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7577.05 | 255.22 | 29.76 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7675.86 | 255.31 | 30.14 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7774.70 | 255.39 | 30.52 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7873.58 | 255.48 | 30.89 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 7972.48 | 255.58 | 31.27 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 8071.40 | 255.67 | 31.65 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 8170.36 | 255.76 | 32.02 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,PR) Well: WEIGANDT JOHN H #A 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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 7795.00 | 7835.00 | 1265.53 | 247.12 | -90.00 | 8225.64 | 255.46 | 32.23 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 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 | 0.00 | 1165.00 | 1165.00 | 24.00 | 1189.00 | 771.47 | 150.64 | 771.47 | 150.64 |
| 9.625in Casing Surface | 0.00 | 1165.00 | 1165.00 | 24.00 | 1189.00 | 771.47 | 150.64 | 771.47 | 150.64 |
| 8.75in Open Hole | 1165.00 | 7989.00 | 6824.00 | 1189.00 | 8013.00 | 771.47 | 150.64 | 771.47 | 150.64 |
| 7in Casing Production | 0.00 | 7989.00 | 7989.00 | 24.00 | 8013.00 | 771.47 | 150.64 | 771.47 | 150.64 |

WELLPATH COMPOSITION - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------------|
| 0.00 | 7989.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <7989> | WEIGANDT JOHN H #A 1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: WEIGANDT JOHN H #A 1 AWB Offset Wellpath: WEIGANDT JOHN H #A 1 AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#05 EX WEIGANDT JOHN H #A 1 (1710'FNL & 1980'FEL, SEC.03,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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #15N-3HZ AWP Offset Wellpath: GRENNYER #15N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#03 GRENNYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) Well: GRENNYER #15N-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 45.00 | 7557.13 | 108.39 | 0.82 | 7557.96 | 25.57 | 307.17 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 7537.04 | 106.88 | 71.06 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 7437.21 | 106.89 | 70.10 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 7337.39 | 106.91 | 69.15 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 7237.58 | 106.94 | 68.19 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 7137.77 | 106.96 | 67.24 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 7037.96 | 106.99 | 66.28 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6938.16 | 107.03 | 65.32 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6838.37 | 106.86 | 64.36 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6738.58 | 106.90 | 63.39 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6638.80 | 106.94 | 62.43 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6539.03 | 106.99 | 61.46 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6439.26 | 107.04 | 60.49 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6339.50 | 107.10 | 59.52 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6239.75 | 107.16 | 58.55 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6140.00 | 107.23 | 57.58 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 6040.27 | 107.29 | 56.61 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 5940.54 | 107.37 | 55.64 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 5840.82 | 107.45 | 54.66 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 5741.11 | 107.53 | 53.69 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 5641.42 | 107.62 | 52.71 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | 123.94 | 5557.68 | 107.69 | 51.89 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15828.00 | 7640.05 | -247.01 | 366.97 | -83.09 | 5541.73 | 107.71 | 51.74 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15828.00 | 7640.05 | -247.01 | 366.97 | -107.68 | 5442.05 | 107.81 | 50.76 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15828.00 | 7640.05 | -247.01 | 366.97 | -126.88 | 5342.48 | 107.92 | 49.78 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15828.00 | 7640.05 | -247.01 | 366.97 | -139.54 | 5243.13 | 108.05 | 48.80 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15828.00 | 7640.05 | -247.01 | 366.97 | -147.76 | 5144.16 | 108.18 | 47.81 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15828.00 | 7640.05 | -247.01 | 366.97 | -153.31 | 5045.70 | 108.34 | 46.83 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15828.00 | 7640.05 | -247.01 | 366.97 | -157.22 | 4947.92 | 108.51 | 45.85 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15828.00 | 7640.05 | -247.01 | 366.97 | -160.10 | 4850.97 | 108.70 | 44.87 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15828.00 | 7640.05 | -247.01 | 366.97 | -162.30 | 4755.03 | 108.92 | 43.90 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15828.00 | 7640.05 | -247.01 | 366.97 | -164.02 | 4660.28 | 109.17 | 42.92 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15828.00 | 7640.05 | -247.01 | 366.97 | -165.40 | 4566.91 | 109.45 | 41.95 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15828.00 | 7640.05 | -247.01 | 366.97 | -166.52 | 4475.12 | 109.77 | 40.99 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.45 | 4385.14 | 110.13 | 40.03 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 4380.81 | 110.15 | 39.99 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #15N-3HZ AWB Offset Wellpath: GRENNYER #15N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#03 GRENNYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) | | | | Well: GRENNYER #15N-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 4296.46 | 110.52 | 39.08 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 4208.28 | 110.96 | 38.13 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 4120.64 | 111.44 | 37.17 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 4033.57 | 111.96 | 36.22 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3947.12 | 112.53 | 35.26 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3861.33 | 113.15 | 34.31 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3776.23 | 113.82 | 33.35 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3691.88 | 114.55 | 32.40 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3608.33 | 115.34 | 31.44 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #15N-3HZ AWP Offset Wellpath: GRENNYER #15N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#03 GRENNYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) Well: GRENNYER #15N-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3525.63 | 116.20 | 30.50 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3443.86 | 117.12 | 29.55 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3363.07 | 118.12 | 28.61 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3283.34 | 119.20 | 27.68 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3204.74 | 120.36 | 26.76 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3127.37 | 121.60 | 25.84 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 3051.31 | 122.94 | 24.94 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2976.67 | 124.36 | 24.05 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2903.55 | 125.89 | 23.17 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2832.08 | 127.52 | 22.31 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2762.38 | 129.26 | 21.47 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2694.59 | 131.10 | 20.65 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2628.85 | 133.05 | 19.84 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2565.33 | 135.11 | 19.07 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2504.19 | 137.27 | 18.32 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2445.62 | 139.54 | 17.60 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2389.79 | 141.90 | 16.91 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2336.92 | 144.35 | 16.25 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2287.19 | 146.87 | 15.63 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2240.83 | 149.45 | 15.05 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2198.04 | 152.06 | 14.51 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2159.04 | 154.70 | 14.01 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2124.03 | 157.33 | 13.55 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2093.22 | 159.92 | 13.14 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2066.79 | 162.44 | 12.77 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2044.92 | 164.86 | 12.45 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2027.75 | 167.15 | 12.17 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2015.39 | 169.28 | 11.95 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2007.95 | 171.22 | 11.77 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2005.48 | 172.95 | 11.63 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2007.99 | 174.45 | 11.55 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2015.46 | 175.71 | 11.51 | PASS |
| 7457.15† | 7050.57 | -1808.97 | -770.14 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2019.96 | 176.16 | 11.50 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2027.84 | 176.73 | 11.51 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2045.04 | 177.50 | 11.56 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2066.94 | 178.04 | 11.65 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #15N-3HZ AWB Offset Wellpath: GRENNYER #15N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|-------------------------|---------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#03 GRENNYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) | | | Well: GRENNYER #15N-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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2093.40 | 178.35 | 11.77 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2124.24 | 178.45 | 11.94 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 15828.00 | 7640.05 | -247.01 | 366.97 | -167.49 | 2130.38 | 178.45 | 11.98 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 15828.00 | 7640.05 | -247.01 | 366.97 | -159.39 | 2163.43 | 178.18 | 12.18 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 15828.00 | 7640.05 | -247.01 | 366.97 | -150.99 | 2217.72 | 177.30 | 12.55 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 15828.00 | 7640.05 | -247.01 | 366.97 | -141.92 | 2284.66 | 175.76 | 13.04 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 15828.00 | 7640.05 | -247.01 | 366.97 | -130.56 | 2361.25 | 173.62 | 13.64 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 15828.00 | 7640.05 | -247.01 | 366.97 | -115.82 | 2444.36 | 171.06 | 14.34 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 15828.00 | 7640.05 | -247.01 | 366.97 | -98.20 | 2530.96 | 168.26 | 15.09 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #15N-3HZ AWP Offset Wellpath: GRENNEMYER #15N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#03 GRENNEMYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) Well: GRENNEMYER #15N-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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 2614.13 | 165.49 | 15.85 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 2618.20 | 165.36 | 15.89 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 2705.46 | 162.53 | 16.70 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 2793.58 | 159.88 | 17.54 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 2882.47 | 157.38 | 18.38 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 2972.07 | 155.02 | 19.24 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3062.32 | 152.80 | 20.12 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3153.15 | 150.71 | 21.00 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3244.52 | 148.75 | 21.90 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3336.39 | 146.89 | 22.80 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3428.71 | 145.14 | 23.72 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3521.45 | 143.48 | 24.64 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3614.58 | 141.92 | 25.57 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3708.06 | 140.45 | 26.51 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3801.88 | 139.05 | 27.46 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3896.00 | 137.73 | 28.41 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 3990.41 | 136.48 | 29.36 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4085.09 | 135.30 | 30.33 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4180.02 | 134.18 | 31.29 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4275.17 | 133.11 | 32.26 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4370.54 | 132.11 | 33.23 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4466.12 | 131.15 | 34.21 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4561.88 | 130.24 | 35.19 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4657.83 | 129.38 | 36.17 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4753.94 | 128.56 | 37.15 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4850.20 | 127.79 | 38.13 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 4946.62 | 127.05 | 39.12 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5043.17 | 126.35 | 40.10 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5139.86 | 125.68 | 41.09 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5236.67 | 125.04 | 42.08 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5333.60 | 124.44 | 43.07 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5430.64 | 123.86 | 44.06 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5527.78 | 123.31 | 45.04 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5625.03 | 122.79 | 46.03 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5722.37 | 122.30 | 47.02 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5819.80 | 121.82 | 48.01 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #15N-3HZ AWB Offset Wellpath: GRENNYER #15N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#03 GRENNYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) | | | | Well: GRENNYER #15N-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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 5917.32 | 121.37 | 48.99 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6014.92 | 120.94 | 49.98 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6112.59 | 120.54 | 50.96 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6210.34 | 120.15 | 51.95 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6308.16 | 119.78 | 52.93 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6406.05 | 119.43 | 53.91 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6504.00 | 119.09 | 54.89 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6602.01 | 118.77 | 55.87 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6700.08 | 118.47 | 56.84 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #15N-3HZ AWB Offset Wellpath: GRENNEMYER #15N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#03 GRENNEMYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) Well: GRENNEMYER #15N-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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 15828.00 | 7640.05 | -247.01 | 366.97 | -81.37 | 6754.89 | 117.95 | 57.39 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENNEMYER #15N-3HZ AWB Offset Wellpath: GRENNEMYER #15N-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENNEMYER #15N-3HZ AWB Offset Wellpath: GRENNEMYER #15N-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1095.00 | 1079.00 | 61.00 | 1139.98 | 4606.82 | 66.06 | 4605.63 | 65.63 |
| 9.625in Casing Surface | 16.00 | 1095.00 | 1079.00 | 61.00 | 1139.98 | 4606.82 | 66.06 | 4605.63 | 65.63 |
| 8.75in Open Hole | 1095.00 | 8014.00 | 6919.00 | 1139.98 | 7665.72 | 4605.63 | 65.63 | 4608.17 | 136.42 |
| 7in Casing Intermediate | 16.00 | 8014.00 | 7998.00 | 61.00 | 7665.72 | 4606.82 | 66.06 | 4608.17 | 136.42 |
| 6.125in Open Hole | 8014.00 | 15828.00 | 7814.00 | 7665.72 | 7640.05 | 4608.17 | 136.42 | 2228.13 | 144.89 |

WELLPATH COMPOSITION - Offset Wellbore: GRENNEMYER #15N-3HZ AWB Offset Wellpath: GRENNEMYER #15N-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|-------------------------------|---|-------------------------|
| 16.00 | 916.00 | ISCWSA MWD, Rev. 3 (Standard) | INTEGRITY DIRECTIONAL SERVICES <116-916> | GRENNEMYER #15N-3HZ AWB |
| 916.00 | 15767.00 | ISCWSA MWD, Rev. 3 (Standard) | INTEGRITY DIRECTIONAL SERVICES <1009-15767> | GRENNEMYER #15N-3HZ AWB |
| 15767.00 | 15828.00 | Blind Drilling (std) | Projection to bit | GRENNEMYER #15N-3HZ AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENNEMYER #15N-3HZ AWB Offset Wellpath: GRENNEMYER #15N-3HZ AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#03 GRENNEMYER #15N-3HZ (689'FNL & 1620'FEL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03.PR) Well: SELTZER FARMS #A 4 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -4.00 | 16.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 25.57 | 74.58 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 96.00 | 116.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 62.44 | 29.82 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 196.00 | 216.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 64.69 | 28.77 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 296.00 | 316.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 66.94 | 27.79 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 396.00 | 416.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 69.19 | 26.88 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 496.00 | 516.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 71.44 | 26.02 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 596.00 | 616.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 73.71 | 25.21 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 696.00 | 716.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 75.97 | 24.45 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 796.00 | 816.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 78.03 | 23.73 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 896.00 | 916.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 80.30 | 23.06 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 996.00 | 1016.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 82.58 | 22.41 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1096.00 | 1116.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 84.86 | 21.81 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1196.00 | 1216.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 87.01 | 21.23 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1296.00 | 1316.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 89.30 | 20.68 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1396.00 | 1416.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 91.59 | 20.16 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1496.00 | 1516.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 93.89 | 19.67 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1596.00 | 1616.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 96.19 | 19.19 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1696.00 | 1716.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 98.49 | 18.74 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1796.00 | 1816.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 100.80 | 18.31 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1896.00 | 1916.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 103.11 | 17.90 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1996.00 | 2016.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 105.43 | 17.50 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2080.00 | 2100.00 | 1237.52 | -1355.80 | -47.61 | 1835.66 | 107.37 | 17.18 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2096.00 | 2116.00 | 1237.52 | -1355.80 | 109.33 | 1835.67 | 107.74 | 17.12 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2195.97 | 2215.97 | 1237.52 | -1355.80 | 109.38 | 1836.44 | 110.07 | 16.77 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2295.80 | 2315.80 | 1237.52 | -1355.80 | 109.52 | 1838.37 | 112.40 | 16.44 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2395.36 | 2415.36 | 1237.52 | -1355.80 | 109.73 | 1841.49 | 114.73 | 16.13 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2494.54 | 2514.54 | 1237.52 | -1355.80 | 110.02 | 1845.86 | 117.06 | 15.84 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2593.21 | 2613.21 | 1237.52 | -1355.80 | 110.37 | 1851.51 | 119.39 | 15.58 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2691.26 | 2711.26 | 1237.52 | -1355.80 | 110.80 | 1858.54 | 121.73 | 15.34 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2788.57 | 2808.57 | 1237.52 | -1355.80 | 111.29 | 1867.01 | 124.08 | 15.11 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2885.01 | 2905.01 | 1237.52 | -1355.80 | 111.83 | 1877.02 | 126.44 | 14.91 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2980.47 | 3000.47 | 1237.52 | -1355.80 | 112.42 | 1888.69 | 128.82 | 14.72 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3074.84 | 3094.84 | 1237.52 | -1355.80 | 113.05 | 1902.12 | 131.21 | 14.56 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3167.99 | 3187.99 | 1237.52 | -1355.80 | 113.71 | 1917.42 | 133.63 | 14.41 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3259.81 | 3279.81 | 1237.52 | -1355.80 | 114.39 | 1934.73 | 136.07 | 14.28 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3264.25 | 3284.25 | 1237.52 | -1355.80 | 114.42 | 1935.62 | 136.19 | 14.27 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|--------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03,PR) | | | | Well: SELTZER FARMS #A 4 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3350.87 | 3370.87 | 1237.52 | -1355.80 | 115.40 | 1953.49 | 138.53 | 14.16 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3441.93 | 3461.93 | 1237.52 | -1355.80 | 116.40 | 1972.94 | 141.03 | 14.04 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3532.98 | 3552.98 | 1237.52 | -1355.80 | 117.39 | 1993.06 | 143.55 | 13.94 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3624.04 | 3644.04 | 1237.52 | -1355.80 | 118.37 | 2013.83 | 146.09 | 13.84 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3715.09 | 3735.09 | 1237.52 | -1355.80 | 119.32 | 2035.22 | 148.66 | 13.74 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3806.15 | 3826.15 | 1237.52 | -1355.80 | 120.26 | 2057.22 | 151.25 | 13.65 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3897.21 | 3917.21 | 1237.52 | -1355.80 | 121.18 | 2079.81 | 153.84 | 13.57 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3988.26 | 4008.26 | 1237.52 | -1355.80 | 122.08 | 2102.97 | 156.46 | 13.49 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4079.32 | 4099.32 | 1237.52 | -1355.80 | 122.97 | 2126.69 | 159.08 | 13.41 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03.PR) Well: SELTZER FARMS #A 4 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4170.37 | 4190.37 | 1237.52 | -1355.80 | 123.83 | 2150.93 | 161.70 | 13.35 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4261.43 | 4281.43 | 1237.52 | -1355.80 | 124.68 | 2175.69 | 164.34 | 13.28 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4352.48 | 4372.48 | 1237.52 | -1355.80 | 125.52 | 2200.95 | 166.98 | 13.22 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4443.54 | 4463.54 | 1237.52 | -1355.80 | 126.33 | 2226.69 | 169.62 | 13.17 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4534.60 | 4554.60 | 1237.52 | -1355.80 | 127.13 | 2252.90 | 172.26 | 13.12 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4625.65 | 4645.65 | 1237.52 | -1355.80 | 127.92 | 2279.55 | 174.90 | 13.07 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4716.71 | 4736.71 | 1237.52 | -1355.80 | 128.68 | 2306.64 | 177.54 | 13.03 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4807.76 | 4827.76 | 1237.52 | -1355.80 | 129.43 | 2334.14 | 180.18 | 12.99 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4898.82 | 4918.82 | 1237.52 | -1355.80 | 130.17 | 2362.05 | 182.82 | 12.96 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4989.88 | 5009.88 | 1237.52 | -1355.80 | 130.89 | 2390.34 | 185.46 | 12.93 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5080.93 | 5100.93 | 1237.52 | -1355.80 | 131.59 | 2419.02 | 188.09 | 12.90 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5171.99 | 5191.99 | 1237.52 | -1355.80 | 132.28 | 2448.05 | 190.72 | 12.87 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5263.04 | 5283.04 | 1237.52 | -1355.80 | 132.96 | 2477.43 | 193.34 | 12.85 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5354.10 | 5374.10 | 1237.52 | -1355.80 | 133.62 | 2507.15 | 195.96 | 12.83 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5445.15 | 5465.15 | 1237.52 | -1355.80 | 134.26 | 2537.20 | 198.58 | 12.81 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5536.21 | 5556.21 | 1237.52 | -1355.80 | 134.89 | 2567.56 | 201.19 | 12.80 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5627.27 | 5647.27 | 1237.52 | -1355.80 | 135.51 | 2598.22 | 203.80 | 12.78 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5718.32 | 5738.32 | 1237.52 | -1355.80 | 136.12 | 2629.18 | 206.40 | 12.77 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5809.38 | 5829.38 | 1237.52 | -1355.80 | 136.71 | 2660.41 | 209.00 | 12.76 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5900.43 | 5920.43 | 1237.52 | -1355.80 | 137.29 | 2691.92 | 211.59 | 12.75 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5991.49 | 6011.49 | 1237.52 | -1355.80 | 137.85 | 2723.70 | 214.18 | 12.75 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6082.55 | 6102.55 | 1237.52 | -1355.80 | 138.41 | 2755.72 | 216.76 | 12.74 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6173.60 | 6193.60 | 1237.52 | -1355.80 | 138.95 | 2787.99 | 219.34 | 12.74 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6264.66 | 6284.66 | 1237.52 | -1355.80 | 139.48 | 2820.50 | 221.92 | 12.74 | PASS |
| 6669.85† | 6333.69 | -1509.53 | -642.66 | 6313.69 | 6333.69 | 1237.52 | -1355.80 | 139.76 | 2838.10 | 223.30 | 12.74 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6355.71 | 6375.71 | 1237.52 | -1355.80 | 140.00 | 2853.24 | 224.49 | 12.74 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6446.77 | 6466.77 | 1237.52 | -1355.80 | 140.51 | 2886.20 | 227.05 | 12.74 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6537.82 | 6557.82 | 1237.52 | -1355.80 | 141.01 | 2919.37 | 229.62 | 12.74 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6628.88 | 6648.88 | 1237.52 | -1355.80 | 141.50 | 2952.74 | 232.17 | 12.75 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6719.94 | 6739.94 | 1237.52 | -1355.80 | 141.97 | 2986.32 | 234.73 | 12.75 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 6810.99 | 6830.99 | 1237.52 | -1355.80 | 142.44 | 3020.09 | 237.28 | 12.76 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 6902.05 | 6922.05 | 1237.52 | -1355.80 | 142.90 | 3054.04 | 239.83 | 12.76 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 6993.10 | 7013.10 | 1237.52 | -1355.80 | 143.35 | 3088.18 | 242.37 | 12.77 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7084.16 | 7104.16 | 1237.52 | -1355.80 | 143.79 | 3122.49 | 244.91 | 12.78 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7175.22 | 7195.22 | 1237.52 | -1355.80 | 144.22 | 3156.96 | 247.45 | 12.79 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7266.27 | 7286.27 | 1237.52 | -1355.80 | 144.64 | 3191.60 | 249.98 | 12.79 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|--------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03,PR) | | | | Well: SELTZER FARMS #A 4 | | 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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7357.33 | 7377.33 | 1237.52 | -1355.80 | 145.05 | 3226.40 | 252.51 | 12.80 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7448.38 | 7468.38 | 1237.52 | -1355.80 | 145.46 | 3261.35 | 255.04 | 12.81 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7465.15 | 7485.15 | 1237.52 | -1355.80 | 145.53 | 3267.81 | 255.51 | 12.82 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7537.02 | 7557.02 | 1237.52 | -1355.80 | 151.08 | 3301.72 | 257.60 | 12.84 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7617.08 | 7637.08 | 1237.52 | -1355.80 | 154.44 | 3357.03 | 260.28 | 12.92 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7686.02 | 7706.02 | 1237.52 | -1355.80 | 155.51 | 3425.89 | 262.74 | 13.07 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 7741.74 | 7761.74 | 1237.52 | -1355.80 | 154.55 | 3506.17 | 264.73 | 13.27 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 7782.55 | 7802.55 | 1237.52 | -1355.80 | 150.44 | 3595.42 | 266.19 | 13.53 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 7807.21 | 7827.21 | 1237.52 | -1355.80 | 137.72 | 3690.88 | 267.10 | 13.85 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03,PR) Well: SELTZER FARMS #A 4 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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 3784.95 | 267.47 | 14.18 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 3789.61 | 267.47 | 14.20 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 3888.98 | 267.60 | 14.56 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 3988.38 | 267.72 | 14.93 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4087.80 | 267.83 | 15.29 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4187.26 | 267.95 | 15.66 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4286.74 | 268.06 | 16.02 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4386.25 | 268.17 | 16.39 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4485.77 | 268.27 | 16.76 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4585.32 | 268.38 | 17.12 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4684.89 | 268.48 | 17.49 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4784.47 | 268.58 | 17.85 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4884.07 | 268.68 | 18.22 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 4983.69 | 268.77 | 18.58 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5083.32 | 268.87 | 18.95 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5182.97 | 268.96 | 19.31 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5282.63 | 269.06 | 19.67 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5382.30 | 269.15 | 20.04 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5481.99 | 269.24 | 20.40 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5581.68 | 269.33 | 20.77 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5681.39 | 269.42 | 21.13 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5781.10 | 269.51 | 21.49 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5880.83 | 269.60 | 21.86 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 5980.57 | 269.69 | 22.22 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6080.31 | 269.78 | 22.58 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6180.06 | 269.87 | 22.95 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6279.82 | 269.96 | 23.31 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6379.59 | 270.04 | 23.67 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6479.37 | 270.13 | 24.04 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6579.15 | 270.22 | 24.40 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6678.94 | 270.31 | 24.76 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6778.73 | 270.40 | 25.12 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6878.53 | 270.48 | 25.48 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 6978.34 | 270.57 | 25.84 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7078.15 | 270.66 | 26.21 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7177.97 | 270.75 | 26.57 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|--------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03,PR) | | | | Well: SELTZER FARMS #A 4 | | 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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7277.79 | 270.84 | 26.93 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7377.61 | 270.92 | 27.29 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7477.45 | 271.01 | 27.65 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7577.28 | 271.10 | 28.01 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7677.12 | 271.19 | 28.37 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7776.97 | 271.28 | 28.73 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7876.81 | 271.37 | 29.09 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 7976.67 | 271.46 | 29.45 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 8076.52 | 271.55 | 29.80 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03,PR) Well: SELTZER FARMS #A 4 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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 7815.00 | 7835.00 | 1237.52 | -1355.80 | 90.00 | 8132.30 | 271.25 | 30.01 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 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 | 0.00 | 1098.00 | 1098.00 | 4.00 | 1102.00 | 754.41 | -826.47 | 754.41 | -826.47 |
| 8.625in Casing Surface | 0.00 | 1098.00 | 1098.00 | 4.00 | 1102.00 | 754.41 | -826.47 | 754.41 | -826.47 |
| 7.875in Open Hole | 1098.00 | 8430.00 | 7332.00 | 1102.00 | 8434.00 | 754.41 | -826.47 | 754.41 | -826.47 |
| 5.5in Casing Production | 0.00 | 8430.00 | 8430.00 | 4.00 | 8434.00 | 754.41 | -826.47 | 754.41 | -826.47 |

WELLPATH COMPOSITION - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|------------------------|
| 0.00 | 8430.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <8430> | SELTZER FARMS #A 4 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SELTZER FARMS #A 4 AWB Offset Wellpath: SELTZER FARMS #A 4 AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#03 EX SELTZER FARMS #A 4 (1760'FNL & 1780'FWL, SEC.03) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#06 GRENNEMYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) Well: GRENNEMYER #36C-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 47.00 | 7557.13 | 80.92 | 0.61 | 7557.63 | 25.57 | 307.16 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 111.01 | 158.01 | 7556.83 | 80.91 | 0.61 | 7557.38 | 60.36 | 127.22 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 206.51 | 253.51 | 7556.31 | 80.86 | 0.61 | 7556.84 | 60.37 | 127.18 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 15728.82 | 7835.05 | 27.26 | -36.61 | -53.33 | 7519.19 | 103.48 | 73.24 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15728.95 | 7835.05 | 27.12 | -36.60 | -53.46 | 7419.19 | 103.49 | 72.25 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15729.09 | 7835.05 | 26.99 | -36.60 | -53.60 | 7319.19 | 103.50 | 71.27 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15729.23 | 7835.05 | 26.85 | -36.59 | -53.73 | 7219.20 | 103.52 | 70.29 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15729.37 | 7835.05 | 26.70 | -36.59 | -53.88 | 7119.20 | 103.54 | 69.30 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15729.52 | 7835.05 | 26.56 | -36.58 | -54.02 | 7019.20 | 103.35 | 68.31 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15729.67 | 7835.05 | 26.41 | -36.58 | -54.17 | 6919.20 | 103.38 | 67.32 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15729.82 | 7835.06 | 26.26 | -36.57 | -54.32 | 6819.20 | 103.41 | 66.33 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15729.97 | 7835.06 | 26.11 | -36.56 | -54.47 | 6719.21 | 103.44 | 65.34 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15730.13 | 7835.06 | 25.95 | -36.56 | -54.63 | 6619.21 | 103.48 | 64.34 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15730.28 | 7835.06 | 25.79 | -36.55 | -54.79 | 6519.21 | 103.51 | 63.35 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15730.45 | 7835.06 | 25.63 | -36.54 | -54.96 | 6419.21 | 103.56 | 62.35 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15730.61 | 7835.06 | 25.47 | -36.54 | -55.13 | 6319.22 | 103.60 | 61.35 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15730.78 | 7835.06 | 25.30 | -36.53 | -55.30 | 6219.22 | 103.65 | 60.35 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15730.95 | 7835.06 | 25.13 | -36.52 | -55.48 | 6119.22 | 103.70 | 59.35 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15731.13 | 7835.06 | 24.95 | -36.52 | -55.66 | 6019.22 | 103.75 | 58.35 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15731.31 | 7835.06 | 24.77 | -36.51 | -55.84 | 5919.23 | 103.81 | 57.35 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15731.49 | 7835.06 | 24.59 | -36.50 | -56.04 | 5819.23 | 103.87 | 56.35 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15731.65 | 7835.06 | 24.43 | -36.50 | -56.20 | 5735.23 | 103.93 | 55.50 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15731.69 | 7835.06 | 24.39 | -36.49 | 132.93 | 5719.23 | 103.94 | 55.34 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15732.76 | 7835.07 | 23.32 | -36.45 | 169.79 | 5619.27 | 104.01 | 54.34 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15735.19 | 7835.08 | 20.90 | -36.35 | 174.46 | 5519.46 | 104.10 | 53.33 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15739.01 | 7835.10 | 17.07 | -36.19 | 176.28 | 5419.92 | 104.21 | 52.31 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15744.27 | 7835.14 | 11.82 | -35.97 | 177.29 | 5320.80 | 104.33 | 51.29 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15751.00 | 7835.20 | 5.10 | -35.68 | 177.95 | 5222.23 | 104.47 | 50.28 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15759.23 | 7835.28 | -3.13 | -35.30 | 178.43 | 5124.35 | 104.63 | 49.26 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15768.99 | 7835.40 | -12.87 | -34.84 | 178.81 | 5027.31 | 104.80 | 48.24 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15781.95 | 7835.60 | -25.81 | -34.20 | 179.16 | 4931.25 | 105.02 | 47.22 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15796.88 | 7835.86 | -40.72 | -33.44 | 179.47 | 4836.34 | 105.27 | 46.20 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15813.63 | 7836.20 | -57.45 | -32.56 | 179.76 | 4742.71 | 105.55 | 45.19 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15832.22 | 7836.64 | -76.01 | -31.55 | -179.98 | 4650.54 | 105.86 | 44.18 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15852.67 | 7837.20 | -96.42 | -30.40 | -179.72 | 4559.99 | 106.21 | 43.18 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15853.72 | 7837.23 | -97.46 | -30.34 | -179.71 | 4555.62 | 106.22 | 43.13 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #36C-3HZ AWB Offset Wellpath: GRENNYER #36C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W Slot: SLOT#06 GRENNYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) Well: GRENNYER #36C-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15879.07 | 7838.02 | -122.76 | -28.83 | -179.38 | 4470.48 | 106.63 | 42.16 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15906.27 | 7838.93 | -149.89 | -27.08 | -179.02 | 4381.18 | 107.09 | 41.14 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15933.69 | 7839.92 | -177.22 | -25.18 | -178.65 | 4292.10 | 107.57 | 40.12 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15970.00 | 7841.31 | -213.40 | -22.46 | -178.13 | 4203.22 | 108.19 | 39.06 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 16010.15 | 7842.85 | -253.40 | -19.38 | -177.54 | 4114.46 | 108.88 | 38.00 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 4025.94 | 109.23 | 37.06 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3937.96 | 109.49 | 36.16 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3850.57 | 109.77 | 35.27 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3763.81 | 110.08 | 34.37 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#06 GRENNEMYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) Well: GRENNEMYER #36C-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3677.71 | 110.42 | 33.48 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3592.34 | 110.79 | 32.60 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3507.74 | 111.19 | 31.72 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3423.98 | 111.62 | 30.84 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3341.10 | 112.09 | 29.96 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3259.19 | 112.59 | 29.10 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3178.31 | 113.14 | 28.24 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3098.54 | 113.72 | 27.39 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 3019.99 | 114.35 | 26.55 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2942.73 | 115.02 | 25.72 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2866.88 | 115.74 | 24.90 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2792.55 | 116.51 | 24.09 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2719.87 | 117.33 | 23.30 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2648.97 | 118.20 | 22.52 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2579.99 | 119.13 | 21.76 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2513.11 | 120.12 | 21.02 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2448.48 | 121.16 | 20.31 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2386.29 | 122.25 | 19.61 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2326.74 | 123.41 | 18.94 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2270.04 | 124.61 | 18.30 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2216.39 | 125.87 | 17.69 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2166.04 | 127.17 | 17.11 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2119.22 | 128.50 | 16.57 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2076.16 | 129.87 | 16.06 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2037.10 | 131.25 | 15.59 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 2002.27 | 132.64 | 15.16 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1971.91 | 134.02 | 14.78 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1946.22 | 135.38 | 14.44 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1925.39 | 136.69 | 14.14 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1909.57 | 137.95 | 13.90 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1898.90 | 139.13 | 13.70 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1893.45 | 140.23 | 13.56 | PASS |
| 7472.56† | 7064.61 | -1814.84 | -772.64 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1892.70 | 140.81 | 13.50 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1893.27 | 141.23 | 13.46 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1898.38 | 142.12 | 13.41 | PASS |
| 7667.09† | 7241.74 | -1888.83 | -804.14 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1903.01 | 142.54 | 13.40 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #36C-3HZ AWB Offset Wellpath: GRENNYER #36C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|-------------------------|---------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#06 GRENNYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) | | | Well: GRENNYER #36C-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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1908.71 | 142.90 | 13.41 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1924.19 | 143.56 | 13.46 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1944.70 | 144.10 | 13.55 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 16020.00 | 7843.23 | -263.22 | -18.63 | -177.40 | 1949.01 | 144.19 | 13.57 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 16020.00 | 7843.23 | -263.22 | -18.63 | -170.27 | 1974.92 | 144.39 | 13.73 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 16020.00 | 7843.23 | -263.22 | -18.63 | -163.41 | 2023.08 | 144.27 | 14.08 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 16020.00 | 7843.23 | -263.22 | -18.63 | -156.36 | 2086.78 | 143.54 | 14.60 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 16020.00 | 7843.23 | -263.22 | -18.63 | -147.26 | 2162.80 | 142.17 | 15.27 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 16020.00 | 7843.23 | -263.22 | -18.63 | -133.90 | 2247.72 | 140.32 | 16.08 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#06 GRENNEMYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) Well: GRENNEMYER #36C-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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 16020.00 | 7843.23 | -263.22 | -18.63 | -114.04 | 2338.13 | 138.15 | 17.00 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2426.48 | 135.92 | 17.93 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2430.83 | 135.81 | 17.97 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2524.01 | 133.54 | 18.98 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2617.68 | 131.46 | 20.00 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2711.81 | 129.55 | 21.03 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2806.35 | 127.78 | 22.06 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2901.25 | 126.15 | 23.10 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 2996.49 | 124.65 | 24.15 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3092.02 | 123.26 | 25.21 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3187.83 | 121.97 | 26.26 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3283.89 | 120.78 | 27.32 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3380.18 | 119.67 | 28.38 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3476.67 | 118.65 | 29.45 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3573.36 | 117.70 | 30.51 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3670.23 | 116.81 | 31.58 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3767.26 | 115.99 | 32.65 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3864.44 | 115.22 | 33.71 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 3961.76 | 114.51 | 34.78 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4059.22 | 113.84 | 35.84 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4156.79 | 113.22 | 36.91 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4254.48 | 112.64 | 37.97 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4352.27 | 112.10 | 39.03 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4450.16 | 111.60 | 40.09 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4548.14 | 111.13 | 41.15 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4646.21 | 110.69 | 42.20 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4744.35 | 110.28 | 43.25 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4842.58 | 109.90 | 44.30 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 4940.87 | 109.54 | 45.35 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5039.23 | 109.21 | 46.40 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5137.66 | 108.90 | 47.44 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5236.15 | 108.61 | 48.48 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5334.69 | 108.34 | 49.51 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5433.28 | 108.09 | 50.55 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5531.93 | 107.86 | 51.58 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5630.62 | 107.64 | 52.60 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #36C-3HZ AWB Offset Wellpath: GRENNYER #36C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#06 GRENNYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) | | | | Well: GRENNYER #36C-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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5729.36 | 107.44 | 53.63 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5828.14 | 107.25 | 54.65 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 5926.96 | 107.07 | 55.66 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6025.82 | 106.91 | 56.68 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6124.72 | 106.77 | 57.69 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6223.65 | 106.63 | 58.70 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6322.62 | 106.50 | 59.70 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6421.62 | 106.39 | 60.70 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6520.65 | 106.28 | 61.70 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#06 GRENNEMYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) Well: GRENNEMYER #36C-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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6619.71 | 106.19 | 62.69 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 16020.00 | 7843.23 | -263.22 | -18.63 | -90.52 | 6675.05 | 105.79 | 63.25 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1094.00 | 1078.00 | 63.00 | 1140.99 | 4606.82 | 49.32 | 4606.76 | 50.43 |
| 9.625in Casing Surface | 16.00 | 1094.00 | 1078.00 | 63.00 | 1140.99 | 4606.82 | 49.32 | 4606.76 | 50.43 |
| 8.75in Open Hole | 1094.00 | 8208.00 | 7114.00 | 1140.99 | 7832.01 | 4606.76 | 50.43 | 4601.87 | -7.26 |
| 7in Casing Intermediate | 16.00 | 8208.00 | 8192.00 | 63.00 | 7832.01 | 4606.82 | 49.32 | 4601.87 | -7.26 |
| 6.125in Open Hole | 8208.00 | 16020.00 | 7812.00 | 7832.01 | 7843.23 | 4601.87 | -7.26 | 2223.18 | 18.99 |

WELLPATH COMPOSITION - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--------------------------------------|---|-------------------------|
| 16.00 | 997.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <100-997> | GRENNEMYER #36C-3HZ AWP |
| 997.00 | 15962.00 | ISCWSA MWD, Rev. 3 (Standard) | INTEGRITY DIRECTIONAL SERVICES <1174-15962> | GRENNEMYER #36C-3HZ AWP |
| 15962.00 | 16020.00 | Blind Drilling (std) | Projection to bit | GRENNEMYER #36C-3HZ AWP |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENNEMYER #36C-3HZ AWP Offset Wellpath: GRENNEMYER #36C-3HZ AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#06 GRENNEMYER #36C-3HZ (689'FNL & 1650'FEL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#09 EX REED #10-3 (660'FNL & 660'FEL, SEC.10, PA) Well: REED #10-3 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 18.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 25.57 | 126.87 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 82.00 | 116.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 61.95 | 51.14 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 182.00 | 216.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 63.99 | 49.49 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 282.00 | 316.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 65.85 | 47.95 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 382.00 | 416.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 67.89 | 46.49 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 482.00 | 516.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 69.93 | 45.12 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 582.00 | 616.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 71.98 | 43.82 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 682.00 | 716.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 74.03 | 42.60 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 782.00 | 816.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 75.87 | 41.44 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 882.00 | 916.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 77.93 | 40.34 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 982.00 | 1016.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 79.99 | 39.29 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1082.00 | 1116.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 82.06 | 38.29 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1182.00 | 1216.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 84.13 | 37.35 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1282.00 | 1316.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 86.20 | 36.44 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1382.00 | 1416.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 88.28 | 35.58 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1482.00 | 1516.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 90.36 | 34.75 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1582.00 | 1616.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 92.45 | 33.97 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1682.00 | 1716.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 94.54 | 33.21 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1782.00 | 1816.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 96.63 | 32.49 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1882.00 | 1916.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 98.73 | 31.79 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1982.00 | 2016.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 100.83 | 31.13 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2066.00 | 2100.00 | -2710.61 | 1549.37 | 150.25 | 3122.17 | 102.59 | 30.59 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2082.00 | 2116.00 | -2710.61 | 1549.37 | -52.81 | 3122.14 | 102.93 | 30.49 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2181.97 | 2215.97 | -2710.61 | 1549.37 | -52.87 | 3120.75 | 105.04 | 29.86 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2281.80 | 2315.80 | -2710.61 | 1549.37 | -53.01 | 3117.25 | 107.17 | 29.23 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2381.36 | 2415.36 | -2710.61 | 1549.37 | -53.24 | 3111.67 | 109.30 | 28.60 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2480.54 | 2514.54 | -2710.61 | 1549.37 | -53.55 | 3104.04 | 111.43 | 27.99 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2579.21 | 2613.21 | -2710.61 | 1549.37 | -53.94 | 3094.38 | 113.56 | 27.37 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2677.26 | 2711.26 | -2710.61 | 1549.37 | -54.42 | 3082.74 | 115.70 | 26.77 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2774.57 | 2808.57 | -2710.61 | 1549.37 | -54.99 | 3069.19 | 117.83 | 26.16 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2871.01 | 2905.01 | -2710.61 | 1549.37 | -55.65 | 3053.78 | 119.97 | 25.56 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2966.47 | 3000.47 | -2710.61 | 1549.37 | -56.38 | 3036.61 | 122.13 | 24.97 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3060.84 | 3094.84 | -2710.61 | 1549.37 | -57.21 | 3017.75 | 124.30 | 24.38 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3153.99 | 3187.99 | -2710.61 | 1549.37 | -58.12 | 2997.32 | 126.50 | 23.79 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3245.81 | 3279.81 | -2710.61 | 1549.37 | -59.11 | 2975.41 | 128.72 | 23.21 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3250.25 | 3284.25 | -2710.61 | 1549.37 | -59.16 | 2974.31 | 128.83 | 23.18 | PASS |

| CLEARANCE DATA - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#09 EX REED #10-3 (660°FNL & 660°FEL, SEC.10, PA) | | Well: REED #10-3 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3336.87 | 3370.87 | -2710.61 | 1549.37 | -59.77 | 2952.93 | 130.97 | 22.64 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3427.93 | 3461.93 | -2710.61 | 1549.37 | -60.43 | 2930.86 | 133.27 | 22.08 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3518.98 | 3552.98 | -2710.61 | 1549.37 | -61.09 | 2909.20 | 135.62 | 21.53 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3610.04 | 3644.04 | -2710.61 | 1549.37 | -61.75 | 2887.98 | 138.01 | 21.00 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3701.09 | 3735.09 | -2710.61 | 1549.37 | -62.43 | 2867.20 | 140.45 | 20.49 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3792.15 | 3826.15 | -2710.61 | 1549.37 | -63.12 | 2846.86 | 142.94 | 19.99 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3883.21 | 3917.21 | -2710.61 | 1549.37 | -63.81 | 2826.98 | 145.47 | 19.50 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3974.26 | 4008.26 | -2710.61 | 1549.37 | -64.51 | 2807.57 | 148.04 | 19.03 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4065.32 | 4099.32 | -2710.61 | 1549.37 | -65.22 | 2788.64 | 150.65 | 18.57 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#09 EX REED #10-3 (660'FNL & 660'FEL, SEC.10, PA) Well: REED #10-3 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4156.37 | 4190.37 | -2710.61 | 1549.37 | -65.94 | 2770.20 | 153.30 | 18.13 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4247.43 | 4281.43 | -2710.61 | 1549.37 | -66.67 | 2752.25 | 155.99 | 17.70 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4338.48 | 4372.48 | -2710.61 | 1549.37 | -67.41 | 2734.81 | 158.72 | 17.29 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4429.54 | 4463.54 | -2710.61 | 1549.37 | -68.15 | 2717.88 | 161.48 | 16.88 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4520.60 | 4554.60 | -2710.61 | 1549.37 | -68.90 | 2701.49 | 164.27 | 16.50 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4611.65 | 4645.65 | -2710.61 | 1549.37 | -69.66 | 2685.63 | 167.10 | 16.12 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4702.71 | 4736.71 | -2710.61 | 1549.37 | -70.42 | 2670.31 | 169.95 | 15.76 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4793.76 | 4827.76 | -2710.61 | 1549.37 | -71.20 | 2655.55 | 172.83 | 15.41 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4884.82 | 4918.82 | -2710.61 | 1549.37 | -71.98 | 2641.36 | 175.74 | 15.07 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4975.88 | 5009.88 | -2710.61 | 1549.37 | -72.77 | 2627.74 | 178.67 | 14.75 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5066.93 | 5100.93 | -2710.61 | 1549.37 | -73.56 | 2614.70 | 181.62 | 14.44 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2602.90 | 183.44 | 14.23 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2594.69 | 184.36 | 14.12 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2590.31 | 185.08 | 14.04 | PASS |
| 5677.25† | 5429.87 | -1132.00 | -481.93 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2589.54 | 185.42 | 14.01 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2589.80 | 185.59 | 14.00 | PASS |
| 5777.56† | 5521.21 | -1170.15 | -498.17 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2591.40 | 185.80 | 13.99 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2593.14 | 185.89 | 13.99 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2600.33 | 185.97 | 14.02 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2611.33 | 185.85 | 14.09 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2626.10 | 185.52 | 14.20 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2644.56 | 184.99 | 14.34 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2666.66 | 184.28 | 14.51 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2692.28 | 183.41 | 14.72 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2721.35 | 182.37 | 14.97 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2753.73 | 181.20 | 15.24 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2789.33 | 179.90 | 15.55 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2828.02 | 178.50 | 15.89 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2869.68 | 177.01 | 16.26 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2914.17 | 175.45 | 16.66 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 2961.37 | 173.82 | 17.09 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3011.15 | 172.15 | 17.55 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3063.39 | 170.46 | 18.03 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3117.97 | 168.74 | 18.54 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3174.75 | 167.01 | 19.07 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3233.63 | 165.29 | 19.63 | PASS |

| CLEARANCE DATA - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#09 EX REED #10-3 (660'FNL & 660'FEL, SEC.10, PA) | | Well: REED #10-3 | | 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3294.50 | 163.58 | 20.21 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3357.24 | 161.88 | 20.81 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3421.75 | 160.21 | 21.43 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -73.85 | 3433.82 | 159.91 | 21.55 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -63.30 | 3484.90 | 158.70 | 22.04 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -54.88 | 3539.95 | 157.68 | 22.53 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -49.38 | 3585.48 | 157.17 | 22.89 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -45.78 | 3620.49 | 157.09 | 23.13 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -43.55 | 3644.23 | 157.44 | 23.23 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#09 EX REED #10-3 (660'FNL & 660'FEL, SEC.10, PA) Well: REED #10-3 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.44 | 3656.22 | 158.22 | 23.19 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3656.46 | 159.35 | 23.03 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3656.21 | 159.40 | 23.02 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3652.21 | 160.39 | 22.85 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3650.95 | 161.45 | 22.69 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3652.43 | 162.57 | 22.54 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3656.64 | 163.74 | 22.41 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3663.58 | 164.96 | 22.28 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3673.23 | 166.23 | 22.17 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3685.57 | 167.54 | 22.07 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3700.57 | 168.88 | 21.98 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3718.20 | 170.25 | 21.91 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3738.42 | 171.63 | 21.85 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3761.19 | 173.04 | 21.81 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3786.47 | 174.45 | 21.78 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3814.20 | 175.86 | 21.76 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3844.34 | 177.27 | 21.75 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3876.82 | 178.67 | 21.77 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3911.59 | 180.05 | 21.79 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3948.58 | 181.42 | 21.83 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 3987.74 | 182.76 | 21.89 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4029.01 | 184.08 | 21.95 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4072.31 | 185.36 | 22.04 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4117.58 | 186.62 | 22.13 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4164.77 | 187.84 | 22.24 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4213.79 | 189.02 | 22.36 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4264.60 | 190.16 | 22.49 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4317.13 | 191.27 | 22.64 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4371.32 | 192.34 | 22.79 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4427.10 | 193.37 | 22.96 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4484.42 | 194.36 | 23.14 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4543.22 | 195.31 | 23.33 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4603.43 | 196.22 | 23.53 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4665.02 | 197.10 | 23.74 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4727.92 | 197.93 | 23.95 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4792.07 | 198.73 | 24.18 | PASS |

| CLEARANCE DATA - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#09 EX REED #10-3 (660°FNL & 660°FEL, SEC.10, PA) | | Well: REED #10-3 | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4857.45 | 199.50 | 24.42 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4923.98 | 200.23 | 24.66 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 4991.63 | 200.93 | 24.91 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5060.35 | 201.60 | 25.17 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5130.10 | 202.23 | 25.44 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5200.84 | 202.84 | 25.71 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5272.53 | 203.42 | 25.99 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5345.12 | 203.97 | 26.28 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5418.59 | 204.50 | 26.57 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#09 EX REED #10-3 (660'FNL & 660'FEL, SEC.10, PA) Well: REED #10-3 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5492.90 | 205.00 | 26.87 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5100.00 | 5134.00 | -2710.61 | 1549.37 | -42.29 | 5534.76 | 204.68 | 27.04 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 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 | 0.00 | 220.00 | 220.00 | 18.00 | 238.00 | -1652.36 | 944.55 | -1652.36 | 944.55 |
| 8.625in Casing Surface | 0.00 | 220.00 | 220.00 | 18.00 | 238.00 | -1652.36 | 944.55 | -1652.36 | 944.55 |
| 7.875in Open Hole | 220.00 | 5090.00 | 4870.00 | 238.00 | 5108.00 | -1652.36 | 944.55 | -1652.36 | 944.55 |
| 4.5in Casing Production | 0.00 | 5090.00 | 5090.00 | 18.00 | 5108.00 | -1652.36 | 944.55 | -1652.36 | 944.55 |

WELLPATH COMPOSITION - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|----------------|
| 0.00 | 5100.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5100> | REED #10-3 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: REED #10-3 AWB Offset Wellpath: REED #10-3 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#09 EX REED #10-3 (660'FNL & 660'FEL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) Well: RIVERDALE FARMS #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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -5.00 | 16.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 25.57 | 148.78 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 95.00 | 116.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 62.22 | 59.72 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 195.00 | 216.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 64.25 | 57.80 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 295.00 | 316.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 66.11 | 56.00 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 395.00 | 416.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 68.15 | 54.31 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 495.00 | 516.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 70.19 | 52.71 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 595.00 | 616.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 72.24 | 51.20 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 695.00 | 716.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 74.29 | 49.78 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 795.00 | 816.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 76.13 | 48.43 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 895.00 | 916.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 78.19 | 47.14 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 995.00 | 1016.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 80.26 | 45.92 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1095.00 | 1116.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 82.32 | 44.76 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1195.00 | 1216.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 84.39 | 43.66 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1295.00 | 1316.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 86.47 | 42.60 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1395.00 | 1416.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 88.54 | 41.60 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1495.00 | 1516.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 90.62 | 40.64 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1595.00 | 1616.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 92.71 | 39.72 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1695.00 | 1716.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 94.80 | 38.84 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1795.00 | 1816.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 96.89 | 37.99 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1895.00 | 1916.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 98.99 | 37.19 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1995.00 | 2016.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 101.09 | 36.41 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2079.00 | 2100.00 | -2736.03 | -2432.92 | -138.36 | 3661.28 | 102.86 | 35.78 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2095.00 | 2116.00 | -2736.03 | -2432.92 | 18.58 | 3661.24 | 103.19 | 35.66 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2194.97 | 2215.97 | -2736.03 | -2432.92 | 18.61 | 3659.06 | 105.31 | 34.92 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2294.80 | 2315.80 | -2736.03 | -2432.92 | 18.67 | 3653.57 | 107.47 | 34.16 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2394.36 | 2415.36 | -2736.03 | -2432.92 | 18.78 | 3644.79 | 109.63 | 33.41 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2493.54 | 2514.54 | -2736.03 | -2432.92 | 18.92 | 3632.72 | 111.79 | 32.65 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2592.21 | 2613.21 | -2736.03 | -2432.92 | 19.10 | 3617.39 | 113.94 | 31.89 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2690.26 | 2711.26 | -2736.03 | -2432.92 | 19.33 | 3598.81 | 116.08 | 31.14 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2787.57 | 2808.57 | -2736.03 | -2432.92 | 19.60 | 3577.03 | 118.22 | 30.39 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2884.01 | 2905.01 | -2736.03 | -2432.92 | 19.92 | 3552.06 | 120.34 | 29.65 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2979.47 | 3000.47 | -2736.03 | -2432.92 | 20.29 | 3523.96 | 122.46 | 28.90 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3073.84 | 3094.84 | -2736.03 | -2432.92 | 20.70 | 3492.76 | 124.56 | 28.16 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3166.99 | 3187.99 | -2736.03 | -2432.92 | 21.18 | 3458.51 | 126.65 | 27.42 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3258.81 | 3279.81 | -2736.03 | -2432.92 | 21.71 | 3421.28 | 128.73 | 26.69 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3263.25 | 3284.25 | -2736.03 | -2432.92 | 21.74 | 3419.39 | 128.83 | 26.65 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP | | | | | | | | | | | | |
|---|-----------------|---|------------------|-------------------|--------------------|--------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) | | | | Well: RIVERDALE FARMS #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3349.87 | 3370.87 | -2736.03 | -2432.92 | 21.98 | 3382.45 | 130.77 | 25.97 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3440.93 | 3461.93 | -2736.03 | -2432.92 | 22.24 | 3343.68 | 132.82 | 25.27 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3531.98 | 3552.98 | -2736.03 | -2432.92 | 22.51 | 3304.97 | 134.89 | 24.60 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3623.04 | 3644.04 | -2736.03 | -2432.92 | 22.78 | 3266.33 | 136.98 | 23.94 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3714.09 | 3735.09 | -2736.03 | -2432.92 | 23.06 | 3227.75 | 139.08 | 23.29 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3805.15 | 3826.15 | -2736.03 | -2432.92 | 23.35 | 3189.24 | 141.20 | 22.67 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3896.21 | 3917.21 | -2736.03 | -2432.92 | 23.64 | 3150.81 | 143.34 | 22.06 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3987.26 | 4008.26 | -2736.03 | -2432.92 | 23.95 | 3112.44 | 145.50 | 21.47 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4078.32 | 4099.32 | -2736.03 | -2432.92 | 24.25 | 3074.16 | 147.67 | 20.89 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) Well: RIVERDALE FARMS #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4169.37 | 4190.37 | -2736.03 | -2432.92 | 24.57 | 3035.95 | 149.87 | 20.33 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4260.43 | 4281.43 | -2736.03 | -2432.92 | 24.89 | 2997.83 | 152.08 | 19.78 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4351.48 | 4372.48 | -2736.03 | -2432.92 | 25.22 | 2959.80 | 154.31 | 19.24 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4442.54 | 4463.54 | -2736.03 | -2432.92 | 25.56 | 2921.85 | 156.56 | 18.72 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4533.60 | 4554.60 | -2736.03 | -2432.92 | 25.91 | 2884.00 | 158.83 | 18.22 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4624.65 | 4645.65 | -2736.03 | -2432.92 | 26.27 | 2846.25 | 161.12 | 17.72 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4715.71 | 4736.71 | -2736.03 | -2432.92 | 26.64 | 2808.59 | 163.43 | 17.24 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4806.76 | 4827.76 | -2736.03 | -2432.92 | 27.01 | 2771.04 | 165.76 | 16.77 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4897.82 | 4918.82 | -2736.03 | -2432.92 | 27.40 | 2733.60 | 168.12 | 16.31 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4988.88 | 5009.88 | -2736.03 | -2432.92 | 27.80 | 2696.28 | 170.49 | 15.86 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5079.93 | 5100.93 | -2736.03 | -2432.92 | 28.20 | 2659.07 | 172.88 | 15.43 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2622.98 | 173.84 | 15.13 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2590.17 | 174.26 | 14.91 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2560.85 | 174.49 | 14.72 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2535.14 | 174.52 | 14.57 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2513.15 | 174.33 | 14.46 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2494.97 | 173.91 | 14.39 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2480.70 | 173.26 | 14.36 | PASS |
| 6032.66† | 5753.49 | -1267.17 | -539.48 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2478.71 | 173.13 | 14.36 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2470.40 | 172.37 | 14.37 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2464.11 | 171.23 | 14.43 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2461.87 | 169.86 | 14.54 | PASS |
| 6321.00† | 6016.04 | -1376.84 | -586.17 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2461.87 | 169.78 | 14.54 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2463.70 | 168.25 | 14.69 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2469.57 | 166.43 | 14.88 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2479.47 | 164.39 | 15.13 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2493.34 | 162.16 | 15.42 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2511.12 | 159.76 | 15.77 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2532.72 | 157.21 | 16.16 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2558.06 | 154.53 | 16.61 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2587.02 | 151.75 | 17.11 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2619.47 | 148.88 | 17.66 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2655.30 | 145.95 | 18.26 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2694.36 | 142.99 | 18.91 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2736.52 | 140.01 | 19.62 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2781.64 | 137.03 | 20.38 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|--------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) | | | | Well: RIVERDALE FARMS #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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2829.58 | 134.08 | 21.19 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2880.19 | 131.16 | 22.05 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2933.34 | 128.29 | 22.96 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 28.29 | 2943.39 | 127.76 | 23.13 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 30.20 | 2985.91 | 125.61 | 23.87 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 30.45 | 3031.35 | 123.52 | 24.64 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 30.01 | 3068.50 | 122.10 | 25.24 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.49 | 3096.53 | 121.35 | 25.63 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.15 | 3114.86 | 121.31 | 25.79 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) Well: RIVERDALE FARMS #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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.09 | 3123.10 | 122.01 | 25.71 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3121.40 | 123.38 | 25.41 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3121.09 | 123.45 | 25.39 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3116.16 | 124.95 | 25.04 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3114.44 | 126.68 | 24.69 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3115.93 | 128.64 | 24.32 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3120.62 | 130.80 | 23.95 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3128.50 | 133.16 | 23.59 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3139.55 | 135.68 | 23.23 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3153.74 | 138.35 | 22.88 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3171.01 | 141.14 | 22.55 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3191.33 | 144.03 | 22.24 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3214.63 | 146.99 | 21.95 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3240.85 | 149.99 | 21.68 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3269.92 | 153.03 | 21.44 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3301.76 | 156.06 | 21.23 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3336.30 | 159.09 | 21.04 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3373.44 | 162.08 | 20.88 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3413.12 | 165.02 | 20.75 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3455.24 | 167.91 | 20.64 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3499.70 | 170.73 | 20.56 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3546.43 | 173.47 | 20.51 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3595.33 | 176.13 | 20.47 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3646.33 | 178.69 | 20.46 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3699.32 | 181.17 | 20.48 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3754.23 | 183.55 | 20.51 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3810.97 | 185.84 | 20.56 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3869.46 | 188.03 | 20.64 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3929.63 | 190.12 | 20.73 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 3991.40 | 192.13 | 20.83 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4054.69 | 194.04 | 20.95 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4119.44 | 195.86 | 21.09 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4185.58 | 197.60 | 21.24 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4253.03 | 199.25 | 21.40 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4321.75 | 200.83 | 21.58 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4391.68 | 202.32 | 21.76 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP | | | | | | | | | | | | |
|--|-----------------|---|------------------|-------------------|--------------------|--------------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) | | | | Well: RIVERDALE FARMS #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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4462.74 | 203.74 | 21.96 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4534.90 | 205.10 | 22.17 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4608.10 | 206.38 | 22.38 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4682.29 | 207.60 | 22.61 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4757.43 | 208.76 | 22.85 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4833.46 | 209.86 | 23.09 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4910.36 | 210.91 | 23.34 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 4988.08 | 211.91 | 23.60 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 5066.57 | 212.85 | 23.86 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) Well: RIVERDALE FARMS #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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 5145.82 | 213.75 | 24.13 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5099.00 | 5120.00 | -2736.03 | -2432.92 | 29.34 | 5190.39 | 213.88 | 24.29 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 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 | 0.00 | 221.00 | 221.00 | 5.00 | 226.00 | -1667.81 | -1483.19 | -1667.81 | -1483.19 |
| 8.625in Casing Surface | 0.00 | 221.00 | 221.00 | 5.00 | 226.00 | -1667.81 | -1483.19 | -1667.81 | -1483.19 |
| 7.875in Open Hole | 221.00 | 5134.00 | 4913.00 | 226.00 | N/A | -1667.81 | -1483.19 | N/A | N/A |
| 4.5in Casing Production | 0.00 | 5134.00 | 5134.00 | 5.00 | N/A | -1667.81 | -1483.19 | N/A | N/A |

WELLPATH COMPOSITION - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|------------------------|
| 0.00 | 5099.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5099> | RIVERDALE FARMS #3 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: RIVERDALE FARMS #3 AWB Offset Wellpath: RIVERDALE FARMS #3 AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#02 EX RIVERDALE FARMS #3 (660'FNL & 660'FWL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP

Facility: SEC.10-T01S-R67W Slot: SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-G 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 |
|-------------|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 32.00 | -3238.46 | 1546.88 | 154.47 | 3588.97 | 25.57 | 145.84 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 68.00 | 116.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 61.69 | 59.04 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 168.00 | 216.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 63.76 | 57.10 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 268.00 | 316.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 65.65 | 55.29 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 368.00 | 416.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 67.72 | 53.58 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 468.00 | 516.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 69.80 | 51.96 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 568.00 | 616.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 71.88 | 50.45 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 668.00 | 716.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 73.96 | 49.01 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 768.00 | 816.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 75.84 | 47.65 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 868.00 | 916.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 77.93 | 46.37 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 968.00 | 1016.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 80.03 | 45.14 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1068.00 | 1116.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 82.13 | 43.98 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1168.00 | 1216.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 84.23 | 42.88 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1268.00 | 1316.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 86.34 | 41.82 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1368.00 | 1416.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 88.45 | 40.82 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1468.00 | 1516.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 90.56 | 39.86 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1568.00 | 1616.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 92.68 | 38.94 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1668.00 | 1716.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 94.81 | 38.07 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1768.00 | 1816.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 96.93 | 37.23 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1868.00 | 1916.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 99.06 | 36.42 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1968.00 | 2016.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 101.19 | 35.65 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2052.00 | 2100.00 | -3238.46 | 1546.88 | 154.47 | 3588.93 | 102.99 | 35.03 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2068.00 | 2116.00 | -3238.46 | 1546.88 | -48.59 | 3588.90 | 103.33 | 34.91 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2167.97 | 2215.97 | -3238.46 | 1546.88 | -48.64 | 3587.38 | 105.48 | 34.18 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2267.80 | 2315.80 | -3238.46 | 1546.88 | -48.77 | 3583.55 | 107.65 | 33.45 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2367.36 | 2415.36 | -3238.46 | 1546.88 | -48.98 | 3577.44 | 109.81 | 32.73 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2466.54 | 2514.54 | -3238.46 | 1546.88 | -49.26 | 3569.06 | 111.98 | 32.02 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2565.21 | 2613.21 | -3238.46 | 1546.88 | -49.62 | 3558.45 | 114.14 | 31.32 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2663.26 | 2711.26 | -3238.46 | 1546.88 | -50.05 | 3545.64 | 116.31 | 30.62 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2760.57 | 2808.57 | -3238.46 | 1546.88 | -50.57 | 3530.69 | 118.48 | 29.93 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2857.01 | 2905.01 | -3238.46 | 1546.88 | -51.16 | 3513.65 | 120.65 | 29.25 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2952.47 | 3000.47 | -3238.46 | 1546.88 | -51.84 | 3494.59 | 122.83 | 28.57 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3046.84 | 3094.84 | -3238.46 | 1546.88 | -52.59 | 3473.59 | 125.02 | 27.90 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3139.99 | 3187.99 | -3238.46 | 1546.88 | -53.43 | 3450.73 | 127.24 | 27.23 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3231.81 | 3279.81 | -3238.46 | 1546.88 | -54.34 | 3426.10 | 129.47 | 26.57 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3236.25 | 3284.25 | -3238.46 | 1546.88 | -54.39 | 3424.86 | 129.58 | 26.54 | PASS |

| CLEARANCE DATA - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) | | | Well: HI-LAND #10-G | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3322.87 | 3370.87 | -3238.46 | 1546.88 | -54.89 | 3400.68 | 131.72 | 25.92 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3413.93 | 3461.93 | -3238.46 | 1546.88 | -55.43 | 3375.58 | 134.02 | 25.29 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3504.98 | 3552.98 | -3238.46 | 1546.88 | -55.98 | 3350.80 | 136.35 | 24.67 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3596.04 | 3644.04 | -3238.46 | 1546.88 | -56.53 | 3326.35 | 138.74 | 24.07 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3687.09 | 3735.09 | -3238.46 | 1546.88 | -57.10 | 3302.23 | 141.16 | 23.48 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3778.15 | 3826.15 | -3238.46 | 1546.88 | -57.66 | 3278.46 | 143.63 | 22.91 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3869.21 | 3917.21 | -3238.46 | 1546.88 | -58.24 | 3255.04 | 146.13 | 22.35 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3960.26 | 4008.26 | -3238.46 | 1546.88 | -58.82 | 3231.98 | 148.68 | 21.81 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4051.32 | 4099.32 | -3238.46 | 1546.88 | -59.41 | 3209.28 | 151.26 | 21.29 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-G 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4142.37 | 4190.37 | -3238.46 | 1546.88 | -60.01 | 3186.96 | 153.89 | 20.78 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4233.43 | 4281.43 | -3238.46 | 1546.88 | -60.61 | 3165.02 | 156.55 | 20.28 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4324.48 | 4372.48 | -3238.46 | 1546.88 | -61.23 | 3143.48 | 159.24 | 19.80 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4415.54 | 4463.54 | -3238.46 | 1546.88 | -61.85 | 3122.33 | 161.97 | 19.34 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4506.60 | 4554.60 | -3238.46 | 1546.88 | -62.47 | 3101.59 | 164.74 | 18.89 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4597.65 | 4645.65 | -3238.46 | 1546.88 | -63.11 | 3081.26 | 167.53 | 18.45 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4688.71 | 4736.71 | -3238.46 | 1546.88 | -63.75 | 3061.36 | 170.36 | 18.02 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4779.76 | 4827.76 | -3238.46 | 1546.88 | -64.39 | 3041.88 | 173.21 | 17.61 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4870.82 | 4918.82 | -3238.46 | 1546.88 | -65.05 | 3022.85 | 176.09 | 17.22 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4961.88 | 5009.88 | -3238.46 | 1546.88 | -65.71 | 3004.27 | 179.00 | 16.83 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5052.93 | 5100.93 | -3238.46 | 1546.88 | -66.38 | 2986.14 | 181.94 | 16.46 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5143.99 | 5191.99 | -3238.46 | 1546.88 | -67.06 | 2968.48 | 184.90 | 16.10 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5235.04 | 5283.04 | -3238.46 | 1546.88 | -67.74 | 2951.29 | 187.88 | 15.75 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5326.10 | 5374.10 | -3238.46 | 1546.88 | -68.43 | 2934.58 | 190.89 | 15.41 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5417.15 | 5465.15 | -3238.46 | 1546.88 | -69.13 | 2918.37 | 193.91 | 15.09 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2903.23 | 195.78 | 14.87 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2891.29 | 196.79 | 14.73 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2882.77 | 197.62 | 14.63 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2877.70 | 198.27 | 14.55 | PASS |
| 6211.00† | 5915.88 | -1335.01 | -568.36 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2876.11 | 198.72 | 14.51 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2876.11 | 198.74 | 14.51 | PASS |
| 6299.76† | 5996.70 | -1368.76 | -582.73 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2877.44 | 198.98 | 14.50 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2877.99 | 199.01 | 14.50 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2883.33 | 199.10 | 14.52 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2892.13 | 199.00 | 14.57 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2904.35 | 198.72 | 14.66 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2919.94 | 198.26 | 14.77 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2938.85 | 197.64 | 14.91 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2961.02 | 196.85 | 15.08 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 2986.38 | 195.92 | 15.29 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3014.84 | 194.86 | 15.52 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3046.32 | 193.67 | 15.77 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3080.73 | 192.37 | 16.06 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3117.97 | 190.98 | 16.37 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3157.93 | 189.50 | 16.71 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3200.52 | 187.96 | 17.08 | PASS |

| CLEARANCE DATA - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) | | | Well: HI-LAND #10-G | | 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3245.63 | 186.35 | 17.47 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3293.17 | 184.70 | 17.88 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3343.02 | 183.02 | 18.32 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -69.38 | 3352.44 | 182.71 | 18.40 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -60.56 | 3391.41 | 181.46 | 18.75 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -53.80 | 3430.56 | 180.40 | 19.07 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -49.61 | 3459.43 | 179.83 | 19.30 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -47.08 | 3477.42 | 179.64 | 19.42 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -45.82 | 3484.14 | 179.87 | 19.43 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-G 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -45.62 | 3479.46 | 180.52 | 19.33 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3464.48 | 181.51 | 19.14 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3463.50 | 181.57 | 19.13 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3443.98 | 182.51 | 18.93 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3427.28 | 183.51 | 18.73 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3413.43 | 184.55 | 18.55 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3402.45 | 185.64 | 18.38 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3394.40 | 186.78 | 18.23 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3389.27 | 187.96 | 18.09 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3387.09 | 189.18 | 17.96 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3387.86 | 190.43 | 17.84 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3391.58 | 191.71 | 17.74 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3398.24 | 193.02 | 17.66 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3407.83 | 194.35 | 17.58 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3420.31 | 195.70 | 17.53 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3435.65 | 197.05 | 17.48 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3453.83 | 198.41 | 17.46 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3474.79 | 199.77 | 17.44 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3498.49 | 201.11 | 17.44 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3524.86 | 202.45 | 17.46 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3553.85 | 203.76 | 17.49 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3585.40 | 205.05 | 17.53 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3619.43 | 206.31 | 17.59 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3655.89 | 207.54 | 17.66 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3694.69 | 208.73 | 17.75 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3735.77 | 209.88 | 17.85 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3779.05 | 211.00 | 17.96 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3824.45 | 212.07 | 18.08 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3871.91 | 213.09 | 18.22 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3921.34 | 214.07 | 18.36 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 3972.67 | 215.01 | 18.52 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4025.83 | 215.90 | 18.69 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4080.75 | 216.75 | 18.88 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4137.36 | 217.55 | 19.07 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4195.59 | 218.31 | 19.27 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4255.38 | 219.03 | 19.48 | PASS |

| CLEARANCE DATA - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) | | | Well: HI-LAND #10-G | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4316.65 | 219.71 | 19.70 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4379.35 | 220.34 | 19.93 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4443.41 | 220.94 | 20.16 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4508.78 | 221.51 | 20.41 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4575.41 | 222.03 | 20.66 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4643.23 | 222.53 | 20.92 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4712.20 | 222.99 | 21.18 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4782.26 | 223.42 | 21.46 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4853.38 | 223.82 | 21.74 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-G 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4925.49 | 224.20 | 22.02 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5450.00 | 5498.00 | -3238.46 | 1546.88 | -46.37 | 4966.20 | 223.82 | 22.19 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G 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 | 0.00 | 229.00 | 229.00 | 32.00 | 261.00 | -1974.13 | 943.04 | -1974.13 | 943.04 |
| 8.625in Casing Surface | 0.00 | 229.00 | 229.00 | 32.00 | 261.00 | -1974.13 | 943.04 | -1974.13 | 943.04 |
| 7.875in Open Hole | 229.00 | 5448.00 | 5219.00 | 261.00 | 5480.00 | -1974.13 | 943.04 | -1974.13 | 943.04 |
| 4.5in Casing Production | 0.00 | 5448.00 | 5448.00 | 32.00 | 5480.00 | -1974.13 | 943.04 | -1974.13 | 943.04 |

WELLPATH COMPOSITION - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------|
| 0.00 | 5450.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5450> | HI-LAND #10-G AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: HI-LAND #10-G AWB Offset Wellpath: HI-LAND #10-G AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#08 EX HI-LAND #10-G (1195'FNL & 660'FEL, SEC.10, 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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP

Facility: SEC.10-T01S-R67W Slot: SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-B 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 31.00 | -3209.31 | 1546.88 | 154.27 | 3562.69 | 25.57 | 144.78 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 69.00 | 116.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 61.71 | 58.60 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 169.00 | 216.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 63.76 | 56.68 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 269.00 | 316.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 65.64 | 54.89 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 369.00 | 416.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 67.71 | 53.20 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 469.00 | 516.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 69.77 | 51.61 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 569.00 | 616.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 71.84 | 50.10 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 669.00 | 716.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 73.91 | 48.69 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 769.00 | 816.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 75.78 | 47.34 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 869.00 | 916.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 77.86 | 46.07 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 969.00 | 1016.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 79.95 | 44.86 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1069.00 | 1116.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 82.03 | 43.71 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1169.00 | 1216.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 84.13 | 42.62 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1269.00 | 1316.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 86.22 | 41.57 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1369.00 | 1416.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 88.32 | 40.58 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1469.00 | 1516.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 90.43 | 39.63 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1569.00 | 1616.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 92.54 | 38.72 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1669.00 | 1716.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 94.65 | 37.85 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1769.00 | 1816.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 96.76 | 37.02 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1869.00 | 1916.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 98.88 | 36.22 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1969.00 | 2016.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 101.00 | 35.46 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2053.00 | 2100.00 | -3209.31 | 1546.88 | 154.27 | 3562.66 | 102.79 | 34.84 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2069.00 | 2116.00 | -3209.31 | 1546.88 | -48.80 | 3562.63 | 103.13 | 34.72 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2168.97 | 2215.97 | -3209.31 | 1546.88 | -48.85 | 3561.11 | 105.27 | 34.00 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2268.80 | 2315.80 | -3209.31 | 1546.88 | -48.97 | 3557.30 | 107.42 | 33.28 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2368.36 | 2415.36 | -3209.31 | 1546.88 | -49.18 | 3551.21 | 109.58 | 32.56 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2467.54 | 2514.54 | -3209.31 | 1546.88 | -49.46 | 3542.87 | 111.73 | 31.86 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2566.21 | 2613.21 | -3209.31 | 1546.88 | -49.82 | 3532.30 | 113.89 | 31.16 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2664.26 | 2711.26 | -3209.31 | 1546.88 | -50.26 | 3519.55 | 116.04 | 30.47 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2761.57 | 2808.57 | -3209.31 | 1546.88 | -50.78 | 3504.66 | 118.20 | 29.78 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2858.01 | 2905.01 | -3209.31 | 1546.88 | -51.38 | 3487.70 | 120.36 | 29.10 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2953.47 | 3000.47 | -3209.31 | 1546.88 | -52.05 | 3468.73 | 122.53 | 28.43 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3047.84 | 3094.84 | -3209.31 | 1546.88 | -52.81 | 3447.82 | 124.72 | 27.76 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3140.99 | 3187.99 | -3209.31 | 1546.88 | -53.65 | 3425.07 | 126.92 | 27.10 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3232.81 | 3279.81 | -3209.31 | 1546.88 | -54.57 | 3400.57 | 129.15 | 26.44 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3237.25 | 3284.25 | -3209.31 | 1546.88 | -54.62 | 3399.33 | 129.26 | 26.41 | PASS |

| CLEARANCE DATA - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) | | | Well: HI-LAND #10-B | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3323.87 | 3370.87 | -3209.31 | 1546.88 | -55.13 | 3375.29 | 131.39 | 25.79 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3414.93 | 3461.93 | -3209.31 | 1546.88 | -55.67 | 3350.33 | 133.67 | 25.16 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3505.98 | 3552.98 | -3209.31 | 1546.88 | -56.23 | 3325.69 | 136.00 | 24.55 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3597.04 | 3644.04 | -3209.31 | 1546.88 | -56.79 | 3301.39 | 138.38 | 23.95 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3688.09 | 3735.09 | -3209.31 | 1546.88 | -57.35 | 3277.43 | 140.80 | 23.36 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3779.15 | 3826.15 | -3209.31 | 1546.88 | -57.93 | 3253.82 | 143.25 | 22.80 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3870.21 | 3917.21 | -3209.31 | 1546.88 | -58.51 | 3230.56 | 145.75 | 22.24 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3961.26 | 4008.26 | -3209.31 | 1546.88 | -59.10 | 3207.67 | 148.29 | 21.71 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4052.32 | 4099.32 | -3209.31 | 1546.88 | -59.69 | 3185.15 | 150.87 | 21.18 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-B 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4143.37 | 4190.37 | -3209.31 | 1546.88 | -60.30 | 3163.01 | 153.49 | 20.68 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4234.43 | 4281.43 | -3209.31 | 1546.88 | -60.91 | 3141.25 | 156.14 | 20.18 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4325.48 | 4372.48 | -3209.31 | 1546.88 | -61.53 | 3119.90 | 158.83 | 19.71 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4416.54 | 4463.54 | -3209.31 | 1546.88 | -62.15 | 3098.95 | 161.56 | 19.24 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4507.60 | 4554.60 | -3209.31 | 1546.88 | -62.78 | 3078.41 | 164.31 | 18.79 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4598.65 | 4645.65 | -3209.31 | 1546.88 | -63.42 | 3058.29 | 167.10 | 18.36 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4689.71 | 4736.71 | -3209.31 | 1546.88 | -64.07 | 3038.60 | 169.92 | 17.94 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4780.76 | 4827.76 | -3209.31 | 1546.88 | -64.72 | 3019.35 | 172.77 | 17.53 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4871.82 | 4918.82 | -3209.31 | 1546.88 | -65.39 | 3000.54 | 175.64 | 17.13 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4962.88 | 5009.88 | -3209.31 | 1546.88 | -66.05 | 2982.19 | 178.55 | 16.75 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5053.93 | 5100.93 | -3209.31 | 1546.88 | -66.73 | 2964.30 | 181.48 | 16.38 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5144.99 | 5191.99 | -3209.31 | 1546.88 | -67.41 | 2946.89 | 184.43 | 16.02 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5236.04 | 5283.04 | -3209.31 | 1546.88 | -68.10 | 2929.95 | 187.40 | 15.68 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5327.10 | 5374.10 | -3209.31 | 1546.88 | -68.80 | 2913.50 | 190.44 | 15.34 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2898.83 | 191.64 | 15.17 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2887.54 | 192.58 | 15.04 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2879.69 | 193.35 | 14.94 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2875.29 | 193.94 | 14.87 | PASS |
| 6093.50† | 5808.89 | -1290.32 | -549.33 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2874.27 | 194.27 | 14.84 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2874.37 | 194.35 | 14.83 | PASS |
| 6178.25† | 5886.06 | -1322.55 | -563.05 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2875.55 | 194.51 | 14.83 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2876.93 | 194.57 | 14.83 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2882.95 | 194.61 | 14.86 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2892.42 | 194.47 | 14.91 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2905.31 | 194.16 | 15.01 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2921.56 | 193.67 | 15.13 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2941.12 | 193.02 | 15.28 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2963.93 | 192.22 | 15.46 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 2989.91 | 191.28 | 15.68 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3018.99 | 190.21 | 15.92 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3051.06 | 189.02 | 16.19 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3086.05 | 187.73 | 16.49 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3123.84 | 186.35 | 16.81 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3164.34 | 184.89 | 17.17 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3207.46 | 183.37 | 17.54 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3253.07 | 181.79 | 17.95 | PASS |

| CLEARANCE DATA - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) | | | Well: HI-LAND #10-B | | 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3301.09 | 180.18 | 18.38 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3351.40 | 178.53 | 18.83 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3403.90 | 176.86 | 19.31 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -68.83 | 3413.81 | 176.55 | 19.40 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -59.84 | 3454.86 | 175.31 | 19.77 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -52.92 | 3496.51 | 174.28 | 20.13 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -48.61 | 3527.76 | 173.71 | 20.37 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -45.98 | 3547.94 | 173.54 | 20.51 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.61 | 3556.65 | 173.77 | 20.53 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-B 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.31 | 3553.68 | 174.41 | 20.44 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3540.05 | 175.38 | 20.25 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3539.13 | 175.43 | 20.24 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3520.87 | 176.33 | 20.03 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3505.36 | 177.28 | 19.83 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3492.65 | 178.28 | 19.65 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3482.77 | 179.34 | 19.48 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3475.73 | 180.44 | 19.32 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3471.57 | 181.59 | 19.18 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3470.28 | 182.78 | 19.04 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3471.87 | 184.01 | 18.92 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3476.34 | 185.28 | 18.82 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3483.67 | 186.58 | 18.73 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3493.86 | 187.90 | 18.65 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3506.86 | 189.24 | 18.59 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3522.66 | 190.59 | 18.54 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3541.21 | 191.95 | 18.50 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3562.48 | 193.31 | 18.48 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3586.41 | 194.67 | 18.48 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3612.94 | 196.02 | 18.48 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3642.03 | 197.36 | 18.51 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3673.62 | 198.67 | 18.54 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3707.63 | 199.96 | 18.59 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3744.01 | 201.22 | 18.66 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3782.68 | 202.44 | 18.74 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3823.57 | 203.63 | 18.83 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3866.62 | 204.79 | 18.93 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3911.75 | 205.90 | 19.05 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 3958.89 | 206.98 | 19.18 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4007.98 | 208.01 | 19.32 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4058.94 | 208.99 | 19.47 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4111.69 | 209.94 | 19.64 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4166.18 | 210.84 | 19.81 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4222.34 | 211.69 | 20.00 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4280.09 | 212.51 | 20.19 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4339.38 | 213.28 | 20.40 | PASS |

| CLEARANCE DATA - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) | | | Well: HI-LAND #10-B | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4400.14 | 214.02 | 20.61 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4462.32 | 214.71 | 20.84 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4525.86 | 215.37 | 21.07 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4590.69 | 215.98 | 21.31 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4656.77 | 216.57 | 21.56 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4724.04 | 217.12 | 21.81 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4792.45 | 217.64 | 22.08 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4861.96 | 218.12 | 22.35 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 4932.52 | 218.58 | 22.62 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, PR) Well: HI-LAND #10-B 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 5004.07 | 219.01 | 22.91 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5332.00 | 5379.00 | -3209.31 | 1546.88 | -44.95 | 5044.47 | 218.66 | 23.07 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B 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 | 0.00 | 229.00 | 229.00 | 31.00 | 260.00 | -1956.37 | 943.04 | -1956.37 | 943.04 |
| 8.625in Casing Surface | 0.00 | 229.00 | 229.00 | 31.00 | 260.00 | -1956.37 | 943.04 | -1956.37 | 943.04 |
| 7.875in Open Hole | 229.00 | 5312.00 | 5083.00 | 260.00 | 5343.00 | -1956.37 | 943.04 | -1956.37 | 943.04 |
| 4.5in Casing Production | 0.00 | 5312.00 | 5312.00 | 31.00 | 5343.00 | -1956.37 | 943.04 | -1956.37 | 943.04 |

WELLPATH COMPOSITION - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------|
| 0.00 | 5332.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5332> | HI-LAND #10-B AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: HI-LAND #10-B AWB Offset Wellpath: HI-LAND #10-B AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#07 EX HI-LAND #10-B (1165'FNL & 660'FEL, SEC.10, 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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -3.00 | 16.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 25.16 | 288.57 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 97.00 | 116.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 62.26 | 115.73 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 197.00 | 216.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 64.13 | 112.01 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 297.00 | 316.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 66.17 | 108.52 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 397.00 | 416.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 68.21 | 105.23 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 497.00 | 516.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 70.26 | 102.13 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 597.00 | 616.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 72.31 | 99.20 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 697.00 | 716.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 74.37 | 96.43 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 797.00 | 816.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 76.22 | 93.81 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 897.00 | 916.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 78.28 | 91.32 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 997.00 | 1016.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 80.35 | 88.95 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1097.00 | 1116.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 82.42 | 86.70 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1197.00 | 1216.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 84.50 | 84.56 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1297.00 | 1316.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 86.58 | 82.52 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1397.00 | 1416.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 88.66 | 80.57 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1497.00 | 1516.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 90.75 | 78.70 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1597.00 | 1616.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 92.84 | 76.92 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1697.00 | 1716.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 94.93 | 75.21 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1797.00 | 1816.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 97.03 | 73.58 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1897.00 | 1916.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 99.13 | 72.01 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1997.00 | 2016.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 101.24 | 70.50 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2081.00 | 2100.00 | -6673.97 | -2422.10 | -160.05 | 7099.89 | 103.01 | 69.28 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2097.00 | 2116.00 | -6673.97 | -2422.10 | -3.11 | 7099.84 | 103.35 | 69.05 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2196.97 | 2215.97 | -6673.97 | -2422.10 | -3.12 | 7097.54 | 105.48 | 67.63 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2296.80 | 2315.80 | -6673.97 | -2422.10 | -3.13 | 7091.76 | 107.65 | 66.21 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2396.36 | 2415.36 | -6673.97 | -2422.10 | -3.14 | 7082.50 | 109.82 | 64.81 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2495.54 | 2514.54 | -6673.97 | -2422.10 | -3.16 | 7069.78 | 111.99 | 63.43 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2594.21 | 2613.21 | -6673.97 | -2422.10 | -3.19 | 7053.61 | 114.15 | 62.08 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2692.26 | 2711.26 | -6673.97 | -2422.10 | -3.22 | 7034.01 | 116.30 | 60.76 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2789.57 | 2808.57 | -6673.97 | -2422.10 | -3.26 | 7011.01 | 118.44 | 59.46 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2886.01 | 2905.01 | -6673.97 | -2422.10 | -3.30 | 6984.63 | 120.56 | 58.19 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2981.47 | 3000.47 | -6673.97 | -2422.10 | -3.35 | 6954.91 | 122.67 | 56.94 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3075.84 | 3094.84 | -6673.97 | -2422.10 | -3.41 | 6921.87 | 124.77 | 55.72 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3168.99 | 3187.99 | -6673.97 | -2422.10 | -3.47 | 6885.58 | 126.84 | 54.51 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3260.81 | 3279.81 | -6673.97 | -2422.10 | -3.54 | 6846.05 | 128.90 | 53.33 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3265.25 | 3284.25 | -6673.97 | -2422.10 | -3.55 | 6844.05 | 129.00 | 53.27 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) | | | Well: EHLER JOHN #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3351.87 | 3370.87 | -6673.97 | -2422.10 | -3.57 | 6804.79 | 130.90 | 52.20 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3442.93 | 3461.93 | -6673.97 | -2422.10 | -3.59 | 6763.51 | 132.90 | 51.09 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3533.98 | 3552.98 | -6673.97 | -2422.10 | -3.61 | 6722.24 | 134.92 | 50.02 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3625.04 | 3644.04 | -6673.97 | -2422.10 | -3.63 | 6680.97 | 136.94 | 48.98 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3716.09 | 3735.09 | -6673.97 | -2422.10 | -3.66 | 6639.71 | 138.97 | 47.96 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3807.15 | 3826.15 | -6673.97 | -2422.10 | -3.68 | 6598.44 | 141.01 | 46.97 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3898.21 | 3917.21 | -6673.97 | -2422.10 | -3.70 | 6557.17 | 143.06 | 46.01 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3989.26 | 4008.26 | -6673.97 | -2422.10 | -3.73 | 6515.90 | 145.11 | 45.07 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4080.32 | 4099.32 | -6673.97 | -2422.10 | -3.75 | 6474.64 | 147.17 | 44.15 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4171.37 | 4190.37 | -6673.97 | -2422.10 | -3.77 | 6433.38 | 149.24 | 43.26 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4262.43 | 4281.43 | -6673.97 | -2422.10 | -3.80 | 6392.11 | 151.32 | 42.39 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4353.48 | 4372.48 | -6673.97 | -2422.10 | -3.82 | 6350.85 | 153.41 | 41.54 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4444.54 | 4463.54 | -6673.97 | -2422.10 | -3.85 | 6309.59 | 155.50 | 40.71 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4535.60 | 4554.60 | -6673.97 | -2422.10 | -3.87 | 6268.33 | 157.60 | 39.91 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4626.65 | 4645.65 | -6673.97 | -2422.10 | -3.90 | 6227.07 | 159.71 | 39.12 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4717.71 | 4736.71 | -6673.97 | -2422.10 | -3.93 | 6185.81 | 161.82 | 38.35 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4808.76 | 4827.76 | -6673.97 | -2422.10 | -3.95 | 6144.55 | 163.94 | 37.60 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4899.82 | 4918.82 | -6673.97 | -2422.10 | -3.98 | 6103.30 | 166.07 | 36.87 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4990.88 | 5009.88 | -6673.97 | -2422.10 | -4.01 | 6062.04 | 168.20 | 36.15 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5081.93 | 5100.93 | -6673.97 | -2422.10 | -4.03 | 6020.79 | 170.34 | 35.45 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5979.56 | 172.17 | 34.84 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5939.29 | 172.49 | 34.55 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5900.43 | 172.79 | 34.26 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5863.02 | 173.05 | 33.99 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5827.09 | 173.28 | 33.74 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5792.66 | 173.48 | 33.50 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5759.76 | 173.65 | 33.28 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5728.42 | 173.77 | 33.07 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5698.66 | 173.87 | 32.88 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5670.51 | 173.92 | 32.71 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5643.99 | 173.93 | 32.56 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5619.12 | 173.90 | 32.42 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5595.93 | 173.83 | 32.30 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5574.44 | 173.72 | 32.19 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5554.67 | 173.56 | 32.11 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5536.63 | 173.35 | 32.04 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5520.35 | 173.10 | 31.99 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5505.83 | 172.81 | 31.97 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5493.10 | 172.46 | 31.96 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5482.16 | 172.07 | 31.97 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5473.02 | 171.63 | 31.99 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5465.71 | 171.14 | 32.04 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5460.21 | 170.61 | 32.11 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5456.54 | 170.03 | 32.20 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5454.70 | 169.40 | 32.31 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) | | | | Well: EHLER JOHN #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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5454.69 | 168.72 | 32.44 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | -4.06 | 5454.89 | 168.59 | 32.46 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 1.90 | 5451.11 | 168.11 | 32.54 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 6.60 | 5433.49 | 167.93 | 32.47 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 10.25 | 5401.95 | 167.94 | 32.27 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 13.77 | 5357.22 | 167.91 | 32.01 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 17.79 | 5300.33 | 167.83 | 31.69 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 23.00 | 5232.66 | 167.70 | 31.31 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 5159.66 | 167.56 | 30.90 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 5155.89 | 167.56 | 30.88 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 5075.91 | 167.23 | 30.46 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4996.66 | 166.93 | 30.03 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4918.16 | 166.67 | 29.61 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4840.45 | 166.45 | 29.18 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4763.57 | 166.26 | 28.75 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4687.57 | 166.12 | 28.31 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4612.48 | 166.02 | 27.88 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4538.35 | 165.97 | 27.44 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4465.23 | 165.96 | 27.00 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4393.17 | 166.01 | 26.55 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4322.23 | 166.10 | 26.11 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4252.45 | 166.24 | 25.67 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4183.89 | 166.44 | 25.22 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4116.63 | 166.68 | 24.78 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 4050.72 | 166.98 | 24.34 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3986.23 | 167.33 | 23.90 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3923.22 | 167.73 | 23.47 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3861.78 | 168.18 | 23.04 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3801.97 | 168.69 | 22.61 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3743.89 | 169.24 | 22.19 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3687.59 | 169.84 | 21.78 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3633.18 | 170.50 | 21.38 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3580.74 | 171.20 | 20.98 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3530.35 | 171.95 | 20.60 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3482.10 | 172.76 | 20.22 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3436.09 | 173.61 | 19.85 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3392.40 | 174.52 | 19.50 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3351.13 | 175.49 | 19.16 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3312.36 | 176.51 | 18.82 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3276.19 | 177.60 | 18.50 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3242.70 | 178.75 | 18.20 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3211.97 | 179.98 | 17.90 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3184.09 | 181.29 | 17.62 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3159.13 | 182.68 | 17.35 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3137.16 | 184.16 | 17.09 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) | | Well: EHLER JOHN #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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3118.24 | 185.74 | 16.84 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3102.44 | 187.42 | 16.60 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3089.79 | 189.22 | 16.38 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3080.33 | 191.12 | 16.16 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3074.11 | 193.13 | 15.96 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3071.12 | 195.25 | 15.77 | PASS |
| 12756.00† | 7835.00 | -6665.49 | -889.43 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3070.84 | 196.13 | 15.70 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3071.40 | 197.48 | 15.60 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3074.92 | 199.80 | 15.43 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #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 |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 5155.00 | 5174.00 | -6673.97 | -2422.10 | 29.94 | 3078.30 | 201.13 | 15.35 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #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 | 0.00 | 196.00 | 196.00 | 3.00 | 199.00 | -4068.38 | -1476.71 | -4068.38 | -1476.71 |
| 8.625in Casing Surface | 0.00 | 196.00 | 196.00 | 3.00 | 199.00 | -4068.38 | -1476.71 | -4068.38 | -1476.71 |
| 7.875in Open Hole | 196.00 | 5153.00 | 4957.00 | 199.00 | 5156.00 | -4068.38 | -1476.71 | -4068.38 | -1476.71 |
| 4.5in Casing Production | 0.00 | 5153.00 | 5153.00 | 3.00 | 5156.00 | -4068.38 | -1476.71 | -4068.38 | -1476.71 |

WELLPATH COMPOSITION - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------|
| 0.00 | 5155.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5155> | EHLER JOHN #1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: EHLER JOHN #1 AWB Offset Wellpath: EHLER JOHN #1 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#02 EX EHLER JOHN #1 (660'FSL & 660'FWL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) Well: EHLER JOHN #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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 33.00 | -5275.11 | -2427.57 | -155.29 | 5806.90 | 25.57 | 236.00 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 67.00 | 116.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 61.65 | 95.60 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 167.00 | 216.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 63.69 | 92.50 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 267.00 | 316.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 65.56 | 89.59 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 367.00 | 416.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 67.60 | 86.85 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 467.00 | 516.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 69.65 | 84.27 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 567.00 | 616.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 71.70 | 81.84 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 667.00 | 716.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 73.75 | 79.53 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 767.00 | 816.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 75.60 | 77.35 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 867.00 | 916.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 77.67 | 75.28 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 967.00 | 1016.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 79.73 | 73.32 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1067.00 | 1116.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 81.80 | 71.45 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1167.00 | 1216.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 83.88 | 69.67 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1267.00 | 1316.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 85.96 | 67.98 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1367.00 | 1416.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 88.04 | 66.36 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1467.00 | 1516.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 90.13 | 64.81 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1567.00 | 1616.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 92.22 | 63.34 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1667.00 | 1716.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 94.31 | 61.92 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1767.00 | 1816.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 96.41 | 60.57 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1867.00 | 1916.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 98.51 | 59.27 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1967.00 | 2016.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 100.61 | 58.02 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2051.00 | 2100.00 | -5275.11 | -2427.57 | -155.29 | 5806.88 | 102.38 | 57.01 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2067.00 | 2116.00 | -5275.11 | -2427.57 | 1.65 | 5806.84 | 102.72 | 56.82 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2166.97 | 2215.97 | -5275.11 | -2427.57 | 1.65 | 5804.53 | 104.85 | 55.64 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2266.80 | 2315.80 | -5275.11 | -2427.57 | 1.66 | 5798.74 | 107.02 | 54.45 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2366.36 | 2415.36 | -5275.11 | -2427.57 | 1.67 | 5789.48 | 109.19 | 53.28 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2465.54 | 2514.54 | -5275.11 | -2427.57 | 1.68 | 5776.74 | 111.36 | 52.12 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2564.21 | 2613.21 | -5275.11 | -2427.57 | 1.69 | 5760.55 | 113.52 | 50.99 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2662.26 | 2711.26 | -5275.11 | -2427.57 | 1.71 | 5740.93 | 115.66 | 49.86 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2759.57 | 2808.57 | -5275.11 | -2427.57 | 1.73 | 5717.91 | 117.80 | 48.76 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2856.01 | 2905.01 | -5275.11 | -2427.57 | 1.76 | 5691.50 | 119.93 | 47.67 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2951.47 | 3000.47 | -5275.11 | -2427.57 | 1.78 | 5661.74 | 122.04 | 46.60 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3045.84 | 3094.84 | -5275.11 | -2427.57 | 1.82 | 5628.67 | 124.13 | 45.54 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3138.99 | 3187.99 | -5275.11 | -2427.57 | 1.85 | 5592.33 | 126.21 | 44.50 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3230.81 | 3279.81 | -5275.11 | -2427.57 | 1.89 | 5552.77 | 128.26 | 43.47 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3235.25 | 3284.25 | -5275.11 | -2427.57 | 1.90 | 5550.76 | 128.36 | 43.42 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|----------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#03 EX EHLER JOHN #12 (2060°FSL & 660°FWL, SEC.10,PA) | | | | Well: EHLER JOHN #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3321.87 | 3370.87 | -5275.11 | -2427.57 | 1.91 | 5511.45 | 130.26 | 42.48 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3412.93 | 3461.93 | -5275.11 | -2427.57 | 1.92 | 5470.13 | 132.26 | 41.52 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3503.98 | 3552.98 | -5275.11 | -2427.57 | 1.94 | 5428.81 | 134.27 | 40.59 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3595.04 | 3644.04 | -5275.11 | -2427.57 | 1.95 | 5387.50 | 136.29 | 39.68 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3686.09 | 3735.09 | -5275.11 | -2427.57 | 1.97 | 5346.18 | 138.32 | 38.80 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3777.15 | 3826.15 | -5275.11 | -2427.57 | 1.98 | 5304.86 | 140.36 | 37.94 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3868.21 | 3917.21 | -5275.11 | -2427.57 | 2.00 | 5263.54 | 142.41 | 37.10 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3959.26 | 4008.26 | -5275.11 | -2427.57 | 2.02 | 5222.23 | 144.46 | 36.28 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4050.32 | 4099.32 | -5275.11 | -2427.57 | 2.03 | 5180.91 | 146.52 | 35.49 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) Well: EHLER JOHN #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4141.37 | 4190.37 | -5275.11 | -2427.57 | 2.05 | 5139.59 | 148.59 | 34.71 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4232.43 | 4281.43 | -5275.11 | -2427.57 | 2.06 | 5098.28 | 150.66 | 33.96 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4323.48 | 4372.48 | -5275.11 | -2427.57 | 2.08 | 5056.96 | 152.75 | 33.22 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4414.54 | 4463.54 | -5275.11 | -2427.57 | 2.10 | 5015.65 | 154.84 | 32.50 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4505.60 | 4554.60 | -5275.11 | -2427.57 | 2.12 | 4974.33 | 156.93 | 31.80 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4596.65 | 4645.65 | -5275.11 | -2427.57 | 2.13 | 4933.02 | 159.04 | 31.12 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4687.71 | 4736.71 | -5275.11 | -2427.57 | 2.15 | 4891.70 | 161.15 | 30.45 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4778.76 | 4827.76 | -5275.11 | -2427.57 | 2.17 | 4850.39 | 163.27 | 29.80 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4869.82 | 4918.82 | -5275.11 | -2427.57 | 2.19 | 4809.08 | 165.39 | 29.17 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4960.88 | 5009.88 | -5275.11 | -2427.57 | 2.21 | 4767.76 | 167.52 | 28.55 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5051.93 | 5100.93 | -5275.11 | -2427.57 | 2.23 | 4726.45 | 169.65 | 27.95 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5142.99 | 5191.99 | -5275.11 | -2427.57 | 2.25 | 4685.14 | 171.80 | 27.35 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4644.66 | 172.18 | 27.06 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4606.00 | 172.46 | 26.79 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4569.20 | 172.68 | 26.54 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4534.31 | 172.84 | 26.31 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4501.36 | 172.95 | 26.11 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4470.42 | 172.99 | 25.92 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4441.51 | 172.96 | 25.76 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4414.67 | 172.87 | 25.62 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4389.95 | 172.70 | 25.50 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4367.38 | 172.46 | 25.40 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4347.00 | 172.14 | 25.33 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4328.82 | 171.75 | 25.28 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4312.90 | 171.28 | 25.26 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4299.23 | 170.73 | 25.26 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4287.86 | 170.10 | 25.29 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4278.80 | 169.38 | 25.34 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4272.06 | 168.59 | 25.42 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4267.65 | 167.73 | 25.52 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4265.58 | 166.78 | 25.66 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4265.85 | 165.76 | 25.82 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4268.47 | 164.66 | 26.01 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4273.43 | 163.49 | 26.22 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4280.72 | 162.26 | 26.47 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4290.33 | 160.95 | 26.74 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|----------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) | | | | Well: EHLER JOHN #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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4302.24 | 159.59 | 27.05 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 2.25 | 4304.68 | 159.33 | 27.11 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 7.76 | 4311.31 | 158.27 | 27.33 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 11.97 | 4307.48 | 157.39 | 27.46 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 15.14 | 4290.57 | 156.76 | 27.46 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 18.09 | 4260.93 | 156.19 | 27.37 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 21.33 | 4219.21 | 155.69 | 27.19 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 25.27 | 4166.35 | 155.30 | 26.92 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 4106.69 | 155.04 | 26.58 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) Well: EHLER JOHN #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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 4103.55 | 155.03 | 26.56 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 4037.40 | 154.58 | 26.21 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3972.66 | 154.19 | 25.85 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3909.41 | 153.86 | 25.49 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3847.72 | 153.60 | 25.14 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3787.66 | 153.40 | 24.78 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3729.32 | 153.27 | 24.41 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3672.78 | 153.21 | 24.05 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3618.11 | 153.22 | 23.69 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3565.41 | 153.30 | 23.34 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3514.77 | 153.46 | 22.98 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3466.28 | 153.69 | 22.63 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3420.02 | 154.00 | 22.28 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3376.09 | 154.39 | 21.94 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3334.58 | 154.87 | 21.60 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3295.58 | 155.43 | 21.27 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3259.19 | 156.09 | 20.95 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3225.48 | 156.85 | 20.63 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3194.56 | 157.71 | 20.32 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3166.49 | 158.68 | 20.02 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3141.35 | 159.77 | 19.73 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3119.22 | 160.98 | 19.44 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3100.16 | 162.32 | 19.16 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3084.22 | 163.81 | 18.89 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3071.46 | 165.43 | 18.62 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3061.91 | 167.20 | 18.37 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3055.61 | 169.12 | 18.12 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3052.57 | 171.18 | 17.89 | PASS |
| 11358.50† | 7835.00 | -5268.00 | -895.67 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3052.27 | 172.09 | 17.79 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3052.81 | 173.37 | 17.66 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3056.32 | 175.69 | 17.45 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3063.09 | 178.13 | 17.25 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3073.11 | 180.66 | 17.06 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3086.33 | 183.27 | 16.89 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3102.72 | 185.95 | 16.73 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3122.23 | 188.67 | 16.59 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) Well: EHLER JOHN #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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3144.80 | 191.41 | 16.47 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3170.37 | 194.15 | 16.37 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3198.85 | 196.88 | 16.29 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3230.19 | 199.57 | 16.23 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3264.28 | 202.21 | 16.18 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3301.06 | 204.79 | 16.16 | PASS |
| 12694.63† | 7835.00 | -6604.12 | -889.70 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3331.80 | 206.77 | 16.15 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3340.43 | 207.29 | 16.15 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3382.29 | 209.72 | 16.17 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) Well: EHLER JOHN #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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3426.56 | 212.05 | 16.20 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5146.00 | 5195.00 | -5275.11 | -2427.57 | 30.13 | 3452.31 | 212.96 | 16.22 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 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 | 0.00 | 226.00 | 226.00 | 33.00 | 259.00 | -3215.64 | -1480.00 | -3215.64 | -1480.00 |
| 8.625in Casing Surface | 0.00 | 226.00 | 226.00 | 33.00 | 259.00 | -3215.64 | -1480.00 | -3215.64 | -1480.00 |
| 7.875in Open Hole | 226.00 | 5146.00 | 4920.00 | 259.00 | 5179.00 | -3215.64 | -1480.00 | -3215.64 | -1480.00 |
| 4.5in Casing Production | 0.00 | 5146.00 | 5146.00 | 33.00 | 5179.00 | -3215.64 | -1480.00 | -3215.64 | -1480.00 |

WELLPATH COMPOSITION - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------|
| 0.00 | 5146.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5146> | EHLER JOHN #12 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: EHLER JOHN #12 AWB Offset Wellpath: EHLER JOHN #12 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#03 EX EHLER JOHN #12 (2060'FSL & 660'FWL, SEC.10,PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #36N-3HZ AWP Offset Wellpath: GRENNEMYER #36N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#07 GRENNEMYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) Well: GRENNEMYER #36N-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 14917.94 | 7599.88 | -4.67 | -670.39 | -90.40 | 7613.46 | 91.12 | 84.30 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 14917.93 | 7599.88 | -4.66 | -670.39 | -90.40 | 7513.85 | 91.72 | 82.65 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 14917.92 | 7599.88 | -4.65 | -670.39 | -90.40 | 7414.26 | 91.73 | 81.54 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 14917.91 | 7599.88 | -4.64 | -670.39 | -90.40 | 7314.67 | 91.75 | 80.44 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 14917.91 | 7599.88 | -4.63 | -670.39 | -90.40 | 7215.10 | 91.76 | 79.32 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 14917.90 | 7599.88 | -4.63 | -670.39 | -90.40 | 7115.54 | 91.79 | 78.21 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 14917.89 | 7599.88 | -4.62 | -670.39 | -90.40 | 7015.99 | 91.81 | 77.09 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 14917.88 | 7599.88 | -4.61 | -670.39 | -90.39 | 6916.45 | 91.84 | 75.98 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 14917.87 | 7599.88 | -4.60 | -670.39 | -90.39 | 6816.93 | 91.66 | 74.86 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 14917.86 | 7599.88 | -4.59 | -670.39 | -90.39 | 6717.42 | 91.70 | 73.74 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 14917.85 | 7599.88 | -4.58 | -670.39 | -90.39 | 6617.93 | 91.74 | 72.61 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 14917.85 | 7599.88 | -4.57 | -670.39 | -90.39 | 6518.45 | 91.78 | 71.49 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 14917.84 | 7599.88 | -4.56 | -670.39 | -90.39 | 6418.99 | 91.83 | 70.36 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 14917.83 | 7599.88 | -4.55 | -670.39 | -90.39 | 6319.54 | 91.88 | 69.24 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 14917.82 | 7599.88 | -4.54 | -670.39 | -90.39 | 6220.12 | 91.93 | 68.11 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 14917.81 | 7599.88 | -4.53 | -670.39 | -90.39 | 6120.71 | 91.99 | 66.98 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 14917.80 | 7599.88 | -4.52 | -670.39 | -90.39 | 6021.32 | 92.05 | 65.84 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 14917.79 | 7599.88 | -4.51 | -670.39 | -90.39 | 5921.95 | 92.11 | 64.71 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 14917.78 | 7599.88 | -4.50 | -670.39 | -90.39 | 5822.61 | 92.18 | 63.58 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 14917.77 | 7599.88 | -4.49 | -670.39 | -90.38 | 5723.28 | 92.25 | 62.44 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 14917.75 | 7599.88 | -4.48 | -670.39 | -90.38 | 5623.98 | 92.33 | 61.31 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 14917.75 | 7599.88 | -4.47 | -670.40 | -90.38 | 5540.59 | 92.40 | 60.35 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 14917.76 | 7599.88 | -4.49 | -670.39 | 69.00 | 5524.71 | 92.41 | 60.17 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 14918.81 | 7599.88 | -5.54 | -670.39 | 85.61 | 5425.38 | 92.51 | 59.03 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 14921.50 | 7599.88 | -8.22 | -670.38 | 102.57 | 5326.04 | 92.63 | 57.88 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 14925.87 | 7599.89 | -12.59 | -670.35 | 117.28 | 5226.82 | 92.76 | 56.71 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 14931.96 | 7599.90 | -18.69 | -670.32 | 128.74 | 5127.83 | 92.91 | 55.55 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 14939.83 | 7599.93 | -26.56 | -670.26 | 137.28 | 5029.20 | 93.08 | 54.38 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15132.15 | 7597.34 | -218.83 | -670.01 | 140.93 | 4930.89 | 95.14 | 52.16 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15150.16 | 7596.75 | -236.84 | -670.12 | 146.95 | 4832.62 | 95.49 | 50.93 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15163.00 | 7596.32 | -249.67 | -670.20 | 151.53 | 4734.93 | 95.73 | 49.77 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15163.00 | 7596.32 | -249.67 | -670.20 | 155.05 | 4638.04 | 95.83 | 48.70 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15163.00 | 7596.32 | -249.67 | -670.20 | 157.76 | 4542.15 | 95.94 | 47.64 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15163.00 | 7596.32 | -249.67 | -670.20 | 159.90 | 4447.43 | 96.05 | 46.59 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.61 | 4354.09 | 96.17 | 45.56 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 4349.58 | 96.17 | 45.51 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENEMYER #36N-3HZ AWB Offset Wellpath: GRENEMYER #36N-3HZ AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|--------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#07 GRENEMYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) | | | Well: GRENEMYER #36N-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 4261.73 | 96.29 | 44.53 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 4169.72 | 96.43 | 43.51 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 4078.08 | 96.59 | 42.48 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3986.85 | 96.75 | 41.46 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3896.05 | 96.93 | 40.44 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3805.72 | 97.12 | 39.42 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3715.87 | 97.33 | 38.41 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3626.56 | 97.56 | 37.40 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3537.82 | 97.80 | 36.40 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #36N-3HZ AWP Offset Wellpath: GRENNYER #36N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#07 GRENNYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) Well: GRENNYER #36N-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3449.70 | 98.05 | 35.40 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3362.24 | 98.32 | 34.40 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3275.50 | 98.61 | 33.42 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3189.53 | 98.92 | 32.44 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3104.41 | 99.24 | 31.47 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 3020.20 | 99.57 | 30.51 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2936.98 | 99.93 | 29.57 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2854.83 | 100.29 | 28.63 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2773.86 | 100.67 | 27.72 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2694.17 | 101.06 | 26.81 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2615.87 | 101.46 | 25.93 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2539.10 | 101.87 | 25.07 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2463.99 | 102.27 | 24.23 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2390.71 | 102.68 | 23.42 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2319.42 | 103.08 | 22.63 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2250.32 | 103.46 | 21.87 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2183.62 | 103.82 | 21.15 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2119.53 | 104.16 | 20.46 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2058.31 | 104.45 | 19.82 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 2000.22 | 104.69 | 19.21 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1945.54 | 104.87 | 18.65 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1894.56 | 104.98 | 18.15 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1847.59 | 105.00 | 17.69 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1804.95 | 104.93 | 17.30 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1766.94 | 104.77 | 16.96 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1733.87 | 104.50 | 16.68 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1706.03 | 104.13 | 16.47 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1683.68 | 103.68 | 16.33 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1667.03 | 103.15 | 16.25 | PASS |
| 7187.56† | 6805.10 | -1706.44 | -726.49 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1658.73 | 102.74 | 16.24 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1656.27 | 102.57 | 16.24 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1651.51 | 101.98 | 16.29 | PASS |
| 7347.56† | 6950.79 | -1767.29 | -752.40 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1651.26 | 101.79 | 16.31 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1652.79 | 101.40 | 16.39 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1660.10 | 100.87 | 16.55 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1673.37 | 100.41 | 16.76 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #36N-3HZ AWB Offset Wellpath: GRENNYER #36N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|-------------------------|---------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#07 GRENNYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) | | | Well: GRENNYER #36N-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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1692.46 | 100.06 | 17.01 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1717.16 | 99.83 | 17.30 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1747.25 | 99.72 | 17.62 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 15163.00 | 7596.32 | -249.67 | -670.20 | 161.69 | 1753.36 | 99.71 | 17.69 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 15163.00 | 7596.32 | -249.67 | -670.20 | 167.98 | 1787.68 | 99.83 | 18.01 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 15163.00 | 7596.32 | -249.67 | -670.20 | 173.06 | 1846.90 | 100.38 | 18.51 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 15163.00 | 7596.32 | -249.67 | -670.20 | 177.29 | 1921.74 | 100.98 | 19.14 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 15163.00 | 7596.32 | -249.67 | -670.20 | -177.55 | 2008.31 | 101.39 | 19.92 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 15163.00 | 7596.32 | -249.67 | -670.20 | -167.26 | 2102.72 | 101.63 | 20.81 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #36N-3HZ AWP Offset Wellpath: GRENNYER #36N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#07 GRENNYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) Well: GRENNYER #36N-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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 15163.00 | 7596.32 | -249.67 | -670.20 | -125.10 | 2201.28 | 101.72 | 21.76 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2296.02 | 101.72 | 22.70 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2300.65 | 101.72 | 22.75 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2399.58 | 101.69 | 23.73 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2498.58 | 101.67 | 24.72 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2597.67 | 101.66 | 25.70 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2696.82 | 101.66 | 26.68 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2796.03 | 101.66 | 27.66 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2895.30 | 101.67 | 28.64 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 2994.61 | 101.68 | 29.62 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3093.97 | 101.70 | 30.60 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3193.37 | 101.72 | 31.58 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3292.80 | 101.74 | 32.55 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3392.27 | 101.77 | 33.53 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3491.77 | 101.80 | 34.50 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3591.30 | 101.84 | 35.47 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3690.85 | 101.87 | 36.44 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3790.43 | 101.91 | 37.41 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3890.03 | 101.95 | 38.38 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 3989.64 | 102.00 | 39.34 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4089.28 | 102.04 | 40.31 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4188.93 | 102.09 | 41.27 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4288.60 | 102.14 | 42.23 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4388.29 | 102.19 | 43.19 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4487.99 | 102.25 | 44.15 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4587.70 | 102.30 | 45.11 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4687.42 | 102.36 | 46.06 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4787.16 | 102.42 | 47.01 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4886.91 | 102.48 | 47.96 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 4986.66 | 102.54 | 48.91 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5086.43 | 102.61 | 49.86 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5186.20 | 102.67 | 50.81 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5285.99 | 102.74 | 51.75 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5385.78 | 102.81 | 52.69 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5485.58 | 102.88 | 53.63 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5585.39 | 102.95 | 54.57 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #36N-3HZ AWB Offset Wellpath: GRENNYER #36N-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#07 GRENNYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) | | | | Well: GRENNYER #36N-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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5685.20 | 103.02 | 55.51 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5785.02 | 103.09 | 56.44 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5884.85 | 103.17 | 57.37 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 5984.68 | 103.25 | 58.30 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 6084.51 | 103.32 | 59.23 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 6184.36 | 103.40 | 60.16 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 6284.20 | 103.48 | 61.08 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 6384.06 | 103.56 | 62.00 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 6483.91 | 103.64 | 62.92 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #36N-3HZ AWP Offset Wellpath: GRENNEMYER #36N-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#07 GRENNEMYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) Well: GRENNEMYER #36N-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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 6583.77 | 103.73 | 63.84 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 15163.00 | 7596.32 | -249.67 | -670.20 | -46.08 | 6639.56 | 103.42 | 64.36 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENNEMYER #36N-3HZ AWP Offset Wellpath: GRENNEMYER #36N-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENNEMYER #36N-3HZ AWP Offset Wellpath: GRENNEMYER #36N-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1094.00 | 1078.00 | 64.00 | 1141.98 | 4637.25 | -516.98 | 4637.97 | -517.29 |
| 9.625in Casing Surface | 16.00 | 1094.00 | 1078.00 | 64.00 | 1141.98 | 4637.25 | -516.98 | 4637.97 | -517.29 |
| 8.75in Open Hole | 1094.00 | 7985.00 | 6891.00 | 1141.98 | 7607.43 | 4637.97 | -517.29 | 4429.34 | -461.12 |
| 7in Casing Intermediate | 16.00 | 7974.00 | 7958.00 | 64.00 | 7606.92 | 4637.25 | -516.98 | 4432.69 | -461.31 |
| 6.125in Open Hole | 7985.00 | 15163.00 | 7178.00 | 7607.43 | 7596.32 | 4429.34 | -461.12 | 2242.53 | -462.81 |

WELLPATH COMPOSITION - Offset Wellbore: GRENNEMYER #36N-3HZ AWP Offset Wellpath: GRENNEMYER #36N-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--------------------------------------|--|-------------------------|
| 16.00 | 1016.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <116-1016> | GRENNEMYER #36N-3HZ AWP |
| 1016.00 | 7927.00 | NaviTrak (Magcorr,IFR) | BHI MWD+IFR SURVEYS 8.75" HOLE <1183-7927> | GRENNEMYER #36N-3HZ AWP |
| 7927.00 | 15105.00 | NaviTrak (Magcorr,IFR) | BHI MWD+IFR SURVEYS 6.125" HOLE <8041-15105> | GRENNEMYER #36N-3HZ AWP |
| 15105.00 | 15163.00 | Blind Drilling (std) | Projection to bit | GRENNEMYER #36N-3HZ AWP |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENNEMYER #36N-3HZ AWP Offset Wellpath: GRENNEMYER #36N-3HZ AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#07 GRENNEMYER #36N-3HZ (636'FNL & 2575'FEL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP

Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) Well: SELTZER #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 |
|-------------|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| 16.00 | 16.00 | 0.00 | 0.00 | 15.00 | 16.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 60.60 | 45.94 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 115.00 | 116.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 62.63 | 44.43 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 215.00 | 216.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 64.67 | 43.01 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 315.00 | 316.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 66.71 | 41.68 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 415.00 | 416.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 68.75 | 40.42 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 515.00 | 516.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 70.80 | 39.23 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 615.00 | 616.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 72.85 | 38.12 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 715.00 | 716.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 74.91 | 37.06 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 815.00 | 816.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 76.76 | 36.05 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 915.00 | 916.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 78.82 | 35.10 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1015.00 | 1016.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 80.89 | 34.20 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1115.00 | 1116.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 82.83 | 33.34 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1215.00 | 1216.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 84.91 | 32.52 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1315.00 | 1316.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 86.99 | 31.73 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1415.00 | 1416.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 89.07 | 30.99 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1515.00 | 1516.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 91.16 | 30.27 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1615.00 | 1616.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 93.25 | 29.59 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1715.00 | 1716.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 95.35 | 28.93 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1815.00 | 1816.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 97.45 | 28.31 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1915.00 | 1916.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 99.55 | 27.71 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2015.00 | 2016.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 101.66 | 27.13 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2099.00 | 2100.00 | 1256.91 | -2437.58 | -62.72 | 2742.55 | 103.43 | 26.66 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2115.00 | 2116.00 | 1256.91 | -2437.58 | 94.22 | 2742.56 | 103.77 | 26.57 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2214.97 | 2215.97 | 1256.91 | -2437.58 | 94.26 | 2742.73 | 105.88 | 26.04 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2314.80 | 2315.80 | 1256.91 | -2437.58 | 94.37 | 2743.16 | 107.99 | 25.53 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2414.36 | 2415.36 | 1256.91 | -2437.58 | 94.55 | 2743.89 | 110.11 | 25.05 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2513.54 | 2514.54 | 1256.91 | -2437.58 | 94.79 | 2744.93 | 112.23 | 24.58 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2612.21 | 2613.21 | 1256.91 | -2437.58 | 95.10 | 2746.35 | 114.35 | 24.13 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2710.26 | 2711.26 | 1256.91 | -2437.58 | 95.46 | 2748.19 | 116.49 | 23.71 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2807.57 | 2808.57 | 1256.91 | -2437.58 | 95.88 | 2750.53 | 118.63 | 23.30 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2904.01 | 2905.01 | 1256.91 | -2437.58 | 96.35 | 2753.45 | 120.79 | 22.90 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2999.47 | 3000.47 | 1256.91 | -2437.58 | 96.86 | 2757.03 | 122.98 | 22.52 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3093.84 | 3094.84 | 1256.91 | -2437.58 | 97.42 | 2761.39 | 125.20 | 22.15 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3186.99 | 3187.99 | 1256.91 | -2437.58 | 98.01 | 2766.63 | 127.45 | 21.80 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3278.81 | 3279.81 | 1256.91 | -2437.58 | 98.64 | 2772.86 | 129.75 | 21.46 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3283.25 | 3284.25 | 1256.91 | -2437.58 | 98.67 | 2773.19 | 129.86 | 21.45 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) Well: SELTZER #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3369.87 | 3370.87 | 1256.91 | -2437.58 | 99.40 | 2779.95 | 132.09 | 21.14 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3460.93 | 3461.93 | 1256.91 | -2437.58 | 100.16 | 2787.64 | 134.47 | 20.82 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3551.98 | 3552.98 | 1256.91 | -2437.58 | 100.93 | 2795.92 | 136.90 | 20.51 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3643.04 | 3644.04 | 1256.91 | -2437.58 | 101.68 | 2804.79 | 139.37 | 20.20 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3734.09 | 3735.09 | 1256.91 | -2437.58 | 102.44 | 2814.23 | 141.88 | 19.91 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3825.15 | 3826.15 | 1256.91 | -2437.58 | 103.19 | 2824.25 | 144.41 | 19.63 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3916.21 | 3917.21 | 1256.91 | -2437.58 | 103.93 | 2834.84 | 146.98 | 19.36 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 4007.26 | 4008.26 | 1256.91 | -2437.58 | 104.67 | 2845.98 | 149.57 | 19.10 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4098.32 | 4099.32 | 1256.91 | -2437.58 | 105.41 | 2857.68 | 152.18 | 18.85 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) Well: SELTZER #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4189.37 | 4190.37 | 1256.91 | -2437.58 | 106.14 | 2869.93 | 154.81 | 18.61 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4280.43 | 4281.43 | 1256.91 | -2437.58 | 106.86 | 2882.72 | 157.45 | 18.37 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4371.48 | 4372.48 | 1256.91 | -2437.58 | 107.58 | 2896.04 | 160.11 | 18.15 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4462.54 | 4463.54 | 1256.91 | -2437.58 | 108.30 | 2909.89 | 162.78 | 17.94 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4553.60 | 4554.60 | 1256.91 | -2437.58 | 109.01 | 2924.26 | 165.46 | 17.73 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4644.65 | 4645.65 | 1256.91 | -2437.58 | 109.71 | 2939.14 | 168.15 | 17.54 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4735.71 | 4736.71 | 1256.91 | -2437.58 | 110.40 | 2954.52 | 170.85 | 17.35 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4826.76 | 4827.76 | 1256.91 | -2437.58 | 111.09 | 2970.40 | 173.54 | 17.17 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4917.82 | 4918.82 | 1256.91 | -2437.58 | 111.78 | 2986.77 | 176.24 | 17.00 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 5008.88 | 5009.88 | 1256.91 | -2437.58 | 112.45 | 3003.62 | 178.95 | 16.84 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5099.93 | 5100.93 | 1256.91 | -2437.58 | 113.12 | 3020.93 | 181.65 | 16.68 | PASS |
| 5381.97† | 5161.00 | -1019.69 | -434.12 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3032.61 | 183.43 | 16.58 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3038.87 | 183.70 | 16.59 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3059.39 | 184.40 | 16.64 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3083.01 | 184.94 | 16.72 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3109.67 | 185.33 | 16.83 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3139.29 | 185.58 | 16.97 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3171.79 | 185.69 | 17.13 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3207.08 | 185.68 | 17.32 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3245.07 | 185.54 | 17.54 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3285.66 | 185.30 | 17.78 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3328.76 | 184.95 | 18.05 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3374.28 | 184.51 | 18.34 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3422.12 | 183.99 | 18.66 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3472.17 | 183.40 | 18.99 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3524.36 | 182.74 | 19.34 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3578.57 | 182.03 | 19.72 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3634.73 | 181.26 | 20.11 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3692.75 | 180.46 | 20.53 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3752.53 | 179.62 | 20.96 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3814.00 | 178.75 | 21.40 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3877.07 | 177.87 | 21.87 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 3941.67 | 176.96 | 22.34 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 4007.73 | 176.05 | 22.84 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 4075.17 | 175.13 | 23.34 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 4143.92 | 174.20 | 23.86 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) Well: SELTZER #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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 4213.93 | 173.27 | 24.40 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 4285.13 | 172.35 | 24.94 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 113.56 | 4298.36 | 172.18 | 25.05 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 112.71 | 4360.25 | 171.59 | 25.49 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 104.76 | 4443.18 | 171.32 | 26.02 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 89.92 | 4531.19 | 171.42 | 26.52 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 70.61 | 4621.39 | 171.89 | 26.97 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 52.29 | 4711.00 | 172.71 | 27.37 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 38.55 | 4797.40 | 173.89 | 27.68 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP

Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) Well: SELTZER #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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 4874.58 | 175.30 | 27.90 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 4878.22 | 175.37 | 27.91 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 4956.29 | 176.84 | 28.12 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5035.15 | 178.26 | 28.34 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5114.74 | 179.63 | 28.56 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5195.03 | 180.95 | 28.80 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5276.01 | 182.21 | 29.04 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5357.62 | 183.44 | 29.30 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5439.85 | 184.61 | 29.56 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5522.66 | 185.74 | 29.82 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5606.03 | 186.84 | 30.10 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5689.94 | 187.89 | 30.37 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5774.37 | 188.90 | 30.66 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5859.28 | 189.88 | 30.95 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 5944.66 | 190.82 | 31.24 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6030.49 | 191.74 | 31.55 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6116.75 | 192.61 | 31.85 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6203.43 | 193.46 | 32.16 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6290.50 | 194.28 | 32.47 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6377.95 | 195.08 | 32.79 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6465.76 | 195.84 | 33.11 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6553.92 | 196.59 | 33.44 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6642.42 | 197.30 | 33.76 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6731.24 | 198.00 | 34.09 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6820.37 | 198.67 | 34.43 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6909.80 | 199.32 | 34.77 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 6999.51 | 199.95 | 35.11 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7089.50 | 200.57 | 35.45 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7179.75 | 201.16 | 35.79 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7270.26 | 201.74 | 36.14 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7361.01 | 202.30 | 36.49 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7452.00 | 202.84 | 36.84 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7543.22 | 203.37 | 37.19 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7634.66 | 203.88 | 37.55 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7726.31 | 204.38 | 37.91 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7818.17 | 204.87 | 38.27 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) Well: SELTZER #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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 7910.22 | 205.34 | 38.63 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8002.46 | 205.81 | 38.99 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8094.89 | 206.26 | 39.36 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8187.50 | 206.69 | 39.72 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8280.28 | 207.12 | 40.09 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8373.22 | 207.54 | 40.46 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8466.32 | 207.94 | 40.83 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8559.59 | 208.34 | 41.20 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8653.00 | 208.73 | 41.57 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, PR) Well: SELTZER #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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5160.00 | 5161.00 | 1256.91 | -2437.58 | 29.50 | 8705.24 | 208.59 | 41.78 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 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 | 0.00 | 1035.00 | 1035.00 | -15.00 | 1020.00 | 766.28 | -1485.91 | 766.28 | -1485.91 |
| 8.625in Casing Surface | 0.00 | 1035.00 | 1035.00 | -15.00 | 1020.00 | 766.28 | -1485.91 | 766.28 | -1485.91 |
| 7.875in Open Hole | 1035.00 | 5160.00 | 4125.00 | 1020.00 | 5145.00 | 766.28 | -1485.91 | 766.28 | -1485.91 |
| 5.5in Casing Production | 0.00 | 5160.00 | 5160.00 | -15.00 | 5145.00 | 766.28 | -1485.91 | 766.28 | -1485.91 |

WELLPATH COMPOSITION - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|----------------|
| 0.00 | 5160.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5160> | SELTZER #3 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SELTZER #3 AWB Offset Wellpath: SELTZER #3 AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#02 EX SELTZER FARMS #3 (1710'FNL & 660'FWL, SEC.03, 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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) Well: BUSCHMAN HAROLD #S-5 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 41.00 | -3471.96 | 1672.72 | 154.28 | 3853.97 | 25.56 | 156.62 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 59.00 | 116.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 61.49 | 63.61 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 159.00 | 216.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 63.53 | 61.54 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 259.00 | 316.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 65.57 | 59.60 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 359.00 | 416.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 67.62 | 57.77 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 459.00 | 516.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 69.67 | 56.05 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 559.00 | 616.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 71.72 | 54.42 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 659.00 | 716.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 73.78 | 52.89 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 759.00 | 816.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 75.63 | 51.43 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 859.00 | 916.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 77.69 | 50.05 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 959.00 | 1016.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 79.76 | 48.74 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1059.00 | 1116.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 81.83 | 47.50 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1159.00 | 1216.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 83.91 | 46.31 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1259.00 | 1316.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 85.82 | 45.19 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1359.00 | 1416.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 87.90 | 44.11 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1459.00 | 1516.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 89.99 | 43.08 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1559.00 | 1616.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 92.08 | 42.09 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1659.00 | 1716.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 94.18 | 41.15 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1759.00 | 1816.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 96.28 | 40.25 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1859.00 | 1916.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 98.38 | 39.38 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1959.00 | 2016.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 100.49 | 38.55 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2043.00 | 2100.00 | -3471.96 | 1672.72 | 154.28 | 3853.89 | 102.26 | 37.88 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2059.00 | 2116.00 | -3471.96 | 1672.72 | -48.79 | 3853.86 | 102.60 | 37.76 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2158.97 | 2215.97 | -3471.96 | 1672.72 | -48.84 | 3852.34 | 104.72 | 36.97 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2258.80 | 2315.80 | -3471.96 | 1672.72 | -48.96 | 3848.53 | 106.86 | 36.19 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2358.36 | 2415.36 | -3471.96 | 1672.72 | -49.15 | 3842.44 | 109.00 | 35.42 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2457.54 | 2514.54 | -3471.96 | 1672.72 | -49.42 | 3834.09 | 111.14 | 34.66 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2556.21 | 2613.21 | -3471.96 | 1672.72 | -49.77 | 3823.51 | 113.28 | 33.91 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2654.26 | 2711.26 | -3471.96 | 1672.72 | -50.19 | 3810.74 | 115.42 | 33.17 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2751.57 | 2808.57 | -3471.96 | 1672.72 | -50.69 | 3795.83 | 117.56 | 32.43 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2848.01 | 2905.01 | -3471.96 | 1672.72 | -51.26 | 3778.83 | 119.71 | 31.71 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2943.47 | 3000.47 | -3471.96 | 1672.72 | -51.91 | 3759.81 | 121.86 | 30.99 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3037.84 | 3094.84 | -3471.96 | 1672.72 | -52.63 | 3738.83 | 124.03 | 30.27 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3130.99 | 3187.99 | -3471.96 | 1672.72 | -53.43 | 3715.98 | 126.22 | 29.56 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3222.81 | 3279.81 | -3471.96 | 1672.72 | -54.31 | 3691.34 | 128.43 | 28.86 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3227.25 | 3284.25 | -3471.96 | 1672.72 | -54.36 | 3690.10 | 128.54 | 28.83 | PASS |

| CLEARANCE DATA - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP | | | | | | | | | | | | |
|---|-----------------|--|------------------|-------------------|--------------------|----------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) | | | | Well: BUSCHMAN HAROLD #S-5 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3313.87 | 3370.87 | -3471.96 | 1672.72 | -54.83 | 3665.90 | 130.66 | 28.17 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3404.93 | 3461.93 | -3471.96 | 1672.72 | -55.33 | 3640.75 | 132.92 | 27.50 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3495.98 | 3552.98 | -3471.96 | 1672.72 | -55.83 | 3615.89 | 135.24 | 26.84 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3587.04 | 3644.04 | -3471.96 | 1672.72 | -56.35 | 3591.34 | 137.59 | 26.20 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3678.09 | 3735.09 | -3471.96 | 1672.72 | -56.86 | 3567.09 | 139.99 | 25.58 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3769.15 | 3826.15 | -3471.96 | 1672.72 | -57.39 | 3543.17 | 142.43 | 24.97 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3860.21 | 3917.21 | -3471.96 | 1672.72 | -57.92 | 3519.56 | 144.90 | 24.38 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3951.26 | 4008.26 | -3471.96 | 1672.72 | -58.46 | 3496.29 | 147.42 | 23.80 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4042.32 | 4099.32 | -3471.96 | 1672.72 | -59.00 | 3473.35 | 149.97 | 23.24 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP

Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) Well: BUSCHMAN HAROLD #S-5 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 |
|-------------|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|------------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4133.37 | 4190.37 | -3471.96 | 1672.72 | -59.55 | 3450.76 | 152.56 | 22.70 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4224.43 | 4281.43 | -3471.96 | 1672.72 | -60.11 | 3428.51 | 155.19 | 22.17 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4315.48 | 4372.48 | -3471.96 | 1672.72 | -60.67 | 3406.62 | 157.85 | 21.65 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4406.54 | 4463.54 | -3471.96 | 1672.72 | -61.24 | 3385.09 | 160.55 | 21.15 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4497.60 | 4554.60 | -3471.96 | 1672.72 | -61.81 | 3363.94 | 163.27 | 20.67 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4588.65 | 4645.65 | -3471.96 | 1672.72 | -62.39 | 3343.16 | 166.03 | 20.20 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4679.71 | 4736.71 | -3471.96 | 1672.72 | -62.98 | 3322.77 | 168.82 | 19.74 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4770.76 | 4827.76 | -3471.96 | 1672.72 | -63.57 | 3302.76 | 171.64 | 19.30 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4861.82 | 4918.82 | -3471.96 | 1672.72 | -64.17 | 3283.16 | 174.48 | 18.87 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4952.88 | 5009.88 | -3471.96 | 1672.72 | -64.78 | 3263.96 | 177.35 | 18.46 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5043.93 | 5100.93 | -3471.96 | 1672.72 | -65.39 | 3245.18 | 180.24 | 18.06 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5134.99 | 5191.99 | -3471.96 | 1672.72 | -66.01 | 3226.81 | 183.16 | 17.67 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3209.44 | 184.87 | 17.41 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3194.95 | 185.85 | 17.24 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3183.53 | 186.69 | 17.10 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3175.23 | 187.41 | 16.99 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3170.06 | 187.98 | 16.91 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3168.04 | 188.42 | 16.86 | PASS |
| 6023.50† | 5745.15 | -1263.69 | -538.00 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3168.02 | 188.44 | 16.86 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3169.18 | 188.71 | 16.84 | PASS |
| 6133.65† | 5845.45 | -1305.58 | -555.83 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3169.71 | 188.74 | 16.84 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3173.47 | 188.85 | 16.85 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3180.90 | 188.85 | 16.89 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3191.44 | 188.71 | 16.96 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3205.08 | 188.43 | 17.06 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3221.76 | 188.02 | 17.18 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3241.44 | 187.48 | 17.34 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3264.07 | 186.82 | 17.52 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3289.58 | 186.05 | 17.73 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3317.91 | 185.17 | 17.97 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3348.99 | 184.19 | 18.23 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3382.74 | 183.13 | 18.52 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3419.09 | 181.99 | 18.84 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3457.94 | 180.79 | 19.18 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3499.22 | 179.53 | 19.55 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3542.85 | 178.21 | 19.94 | PASS |

| CLEARANCE DATA - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|----------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) | | | | Well: BUSCHMAN HAROLD #S-5 | | 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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3588.73 | 176.86 | 20.35 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3636.78 | 175.47 | 20.79 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3686.92 | 174.06 | 21.24 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -66.22 | 3696.37 | 173.80 | 21.33 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -57.59 | 3735.20 | 172.77 | 21.68 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -51.07 | 3773.50 | 171.98 | 22.01 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -47.09 | 3800.78 | 171.64 | 22.21 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.76 | 3816.46 | 171.64 | 22.30 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -43.68 | 3820.20 | 172.01 | 22.28 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) Well: BUSCHMAN HAROLD #S-5 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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -43.67 | 3811.92 | 172.73 | 22.14 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3793.00 | 173.73 | 21.90 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3791.82 | 173.78 | 21.88 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3767.80 | 174.68 | 21.63 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3746.29 | 175.63 | 21.39 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3727.35 | 176.63 | 21.16 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3711.00 | 177.67 | 20.95 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3697.29 | 178.75 | 20.74 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3686.24 | 179.87 | 20.55 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3677.88 | 181.03 | 20.37 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3672.22 | 182.24 | 20.21 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3669.28 | 183.47 | 20.06 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3669.06 | 184.74 | 19.92 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3671.57 | 186.03 | 19.79 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3676.80 | 187.35 | 19.68 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3684.73 | 188.69 | 19.58 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3695.36 | 190.05 | 19.50 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3708.65 | 191.41 | 19.43 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3724.58 | 192.78 | 19.37 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3743.12 | 194.15 | 19.33 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3764.22 | 195.51 | 19.30 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3787.84 | 196.87 | 19.29 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3813.94 | 198.21 | 19.29 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3842.47 | 199.53 | 19.31 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3873.37 | 200.83 | 19.34 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3906.58 | 202.10 | 19.38 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3942.06 | 203.34 | 19.44 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 3979.73 | 204.55 | 19.51 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4019.53 | 205.72 | 19.59 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4061.41 | 206.86 | 19.68 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4105.30 | 207.95 | 19.79 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4151.13 | 209.01 | 19.91 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4198.84 | 210.02 | 20.04 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4248.38 | 210.99 | 20.18 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4299.66 | 211.92 | 20.34 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4352.65 | 212.81 | 20.50 | PASS |

| CLEARANCE DATA - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP | | | | | | | | | | | | |
|---|-----------------|--|------------------|-------------------|--------------------|----------------------|----------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) | | | | | Well: BUSCHMAN HAROLD #S-5 | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4407.26 | 213.66 | 20.68 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4463.45 | 214.46 | 20.86 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4521.15 | 215.23 | 21.06 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4580.30 | 215.95 | 21.26 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4640.86 | 216.64 | 21.47 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4702.77 | 217.29 | 21.69 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4765.96 | 217.90 | 21.92 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4830.41 | 218.48 | 22.16 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4896.04 | 219.02 | 22.41 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) Well: BUSCHMAN HAROLD #S-5 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 4962.83 | 219.54 | 22.66 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5166.00 | 5223.00 | -3471.96 | 1672.72 | -44.61 | 5000.62 | 219.46 | 22.81 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 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 | 0.00 | 1161.00 | 1161.00 | 41.00 | 1202.00 | -2116.47 | 1019.76 | -2116.47 | 1019.76 |
| 8.625in Casing Surface | 0.00 | 1161.00 | 1161.00 | 41.00 | 1202.00 | -2116.47 | 1019.76 | -2116.47 | 1019.76 |
| 7.875in Open Hole | 1161.00 | 5166.00 | 4005.00 | 1202.00 | 5207.00 | -2116.47 | 1019.76 | -2116.47 | 1019.76 |
| 4.5in Casing Production | 0.00 | 5166.00 | 5166.00 | 41.00 | 5207.00 | -2116.47 | 1019.76 | -2116.47 | 1019.76 |

WELLPATH COMPOSITION - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|----------------------|
| 0.00 | 5166.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5166> | BUSCHMAN HAROLD #S-5 |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: BUSCHMAN HAROLD #S-5 Offset Wellpath: BUSCHMAN HAROLD #S-5 AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#04 EX BUSCHMAN HAROLD #S-5 (1422'FNL & 540'FEL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) Well: RIVERDALE FARMS #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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 29.00 | -4047.56 | -1110.03 | -164.66 | 4197.03 | 25.57 | 170.56 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 71.00 | 116.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 61.73 | 69.00 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 171.00 | 216.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 63.76 | 66.77 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 271.00 | 316.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 65.63 | 64.68 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 371.00 | 416.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 67.67 | 62.71 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 471.00 | 516.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 69.71 | 60.85 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 571.00 | 616.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 71.75 | 59.10 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 671.00 | 716.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 73.81 | 57.44 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 771.00 | 816.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 75.65 | 55.87 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 871.00 | 916.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 77.71 | 54.38 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 971.00 | 1016.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 79.77 | 52.96 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1071.00 | 1116.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 81.84 | 51.62 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1171.00 | 1216.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 83.91 | 50.34 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1271.00 | 1316.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 85.98 | 49.11 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1371.00 | 1416.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 88.06 | 47.95 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1471.00 | 1516.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 90.14 | 46.83 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1571.00 | 1616.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 92.23 | 45.77 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1671.00 | 1716.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 94.32 | 44.75 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1771.00 | 1816.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 96.41 | 43.77 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1871.00 | 1916.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 98.51 | 42.83 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1971.00 | 2016.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 100.61 | 41.94 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2055.00 | 2100.00 | -4047.56 | -1110.03 | -164.66 | 4197.01 | 102.38 | 41.21 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2071.00 | 2116.00 | -4047.56 | -1110.03 | -7.73 | 4196.97 | 102.71 | 41.07 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2170.97 | 2215.97 | -4047.56 | -1110.03 | -7.74 | 4194.69 | 104.84 | 40.21 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2270.80 | 2315.80 | -4047.56 | -1110.03 | -7.76 | 4188.95 | 107.00 | 39.34 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2370.36 | 2415.36 | -4047.56 | -1110.03 | -7.80 | 4179.76 | 109.17 | 38.47 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2469.54 | 2514.54 | -4047.56 | -1110.03 | -7.86 | 4167.14 | 111.33 | 37.61 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2568.21 | 2613.21 | -4047.56 | -1110.03 | -7.94 | 4151.09 | 113.48 | 36.75 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2666.26 | 2711.26 | -4047.56 | -1110.03 | -8.03 | 4131.65 | 115.63 | 35.90 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2763.57 | 2808.57 | -4047.56 | -1110.03 | -8.14 | 4108.83 | 117.76 | 35.05 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2860.01 | 2905.01 | -4047.56 | -1110.03 | -8.27 | 4082.66 | 119.88 | 34.21 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2955.47 | 3000.47 | -4047.56 | -1110.03 | -8.42 | 4053.18 | 121.99 | 33.37 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3049.84 | 3094.84 | -4047.56 | -1110.03 | -8.59 | 4020.42 | 124.08 | 32.54 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3142.99 | 3187.99 | -4047.56 | -1110.03 | -8.79 | 3984.43 | 126.16 | 31.71 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3234.81 | 3279.81 | -4047.56 | -1110.03 | -9.01 | 3945.24 | 128.21 | 30.90 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3239.25 | 3284.25 | -4047.56 | -1110.03 | -9.02 | 3943.26 | 128.31 | 30.86 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP | | | | | | | | | | | | |
|---|-----------------|--|------------------|-------------------|--------------------|--------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) | | | | Well: RIVERDALE FARMS #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3325.87 | 3370.87 | -4047.56 | -1110.03 | -9.11 | 3904.34 | 130.21 | 30.11 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3416.93 | 3461.93 | -4047.56 | -1110.03 | -9.21 | 3863.44 | 132.22 | 29.34 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3507.98 | 3552.98 | -4047.56 | -1110.03 | -9.31 | 3822.55 | 134.24 | 28.59 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3599.04 | 3644.04 | -4047.56 | -1110.03 | -9.41 | 3781.67 | 136.27 | 27.86 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3690.09 | 3735.09 | -4047.56 | -1110.03 | -9.51 | 3740.80 | 138.30 | 27.15 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3781.15 | 3826.15 | -4047.56 | -1110.03 | -9.62 | 3699.94 | 140.35 | 26.46 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3872.21 | 3917.21 | -4047.56 | -1110.03 | -9.72 | 3659.09 | 142.41 | 25.79 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3963.26 | 4008.26 | -4047.56 | -1110.03 | -9.84 | 3618.25 | 144.47 | 25.13 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4054.32 | 4099.32 | -4047.56 | -1110.03 | -9.95 | 3577.42 | 146.55 | 24.50 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) Well: RIVERDALE FARMS #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4145.37 | 4190.37 | -4047.56 | -1110.03 | -10.06 | 3536.61 | 148.63 | 23.88 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4236.43 | 4281.43 | -4047.56 | -1110.03 | -10.18 | 3495.81 | 150.73 | 23.27 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4327.48 | 4372.48 | -4047.56 | -1110.03 | -10.30 | 3455.02 | 152.83 | 22.68 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4418.54 | 4463.54 | -4047.56 | -1110.03 | -10.43 | 3414.24 | 154.94 | 22.11 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4509.60 | 4554.60 | -4047.56 | -1110.03 | -10.55 | 3373.48 | 157.07 | 21.55 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4600.65 | 4645.65 | -4047.56 | -1110.03 | -10.68 | 3332.73 | 159.20 | 21.00 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4691.71 | 4736.71 | -4047.56 | -1110.03 | -10.82 | 3292.00 | 161.34 | 20.47 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4782.76 | 4827.76 | -4047.56 | -1110.03 | -10.95 | 3251.28 | 163.49 | 19.95 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4873.82 | 4918.82 | -4047.56 | -1110.03 | -11.09 | 3210.57 | 165.64 | 19.44 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4964.88 | 5009.88 | -4047.56 | -1110.03 | -11.23 | 3169.89 | 167.81 | 18.95 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5055.93 | 5100.93 | -4047.56 | -1110.03 | -11.38 | 3129.22 | 169.99 | 18.46 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3088.88 | 171.30 | 18.09 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3050.92 | 171.59 | 17.83 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3015.81 | 171.75 | 17.61 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2983.63 | 171.77 | 17.42 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2954.49 | 171.63 | 17.27 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2928.47 | 171.33 | 17.14 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2905.67 | 170.86 | 17.06 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2886.15 | 170.22 | 17.01 | PASS |
| 6198.89† | 5904.85 | -1330.40 | -566.40 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2872.51 | 169.55 | 16.99 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2869.99 | 169.39 | 16.99 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2857.23 | 168.39 | 17.02 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2847.93 | 167.20 | 17.09 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2842.13 | 165.82 | 17.19 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2839.83 | 164.27 | 17.34 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2841.06 | 162.55 | 17.53 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2845.80 | 160.66 | 17.77 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2854.03 | 158.62 | 18.05 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2865.74 | 156.43 | 18.38 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2880.87 | 154.12 | 18.76 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2899.38 | 151.69 | 19.18 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2921.19 | 149.15 | 19.65 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2946.23 | 146.53 | 20.18 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 2974.43 | 143.84 | 20.75 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3005.69 | 141.10 | 21.38 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3039.93 | 138.32 | 22.06 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|--------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) | | | | Well: RIVERDALE FARMS #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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3077.03 | 135.51 | 22.79 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3116.90 | 132.70 | 23.58 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -11.46 | 3124.54 | 132.18 | 23.73 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -6.39 | 3154.25 | 129.90 | 24.38 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -2.91 | 3178.60 | 127.42 | 25.05 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | -0.78 | 3189.24 | 125.10 | 25.60 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 0.74 | 3186.00 | 122.70 | 26.08 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 1.99 | 3168.92 | 120.23 | 26.47 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 3.19 | 3138.31 | 117.74 | 26.77 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) Well: RIVERDALE FARMS #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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3097.04 | 115.35 | 26.97 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3094.74 | 115.22 | 26.98 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3046.83 | 112.02 | 27.33 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3001.49 | 108.72 | 27.74 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2958.84 | 105.35 | 28.23 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2918.99 | 101.90 | 28.79 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2882.06 | 98.42 | 29.44 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2848.17 | 94.92 | 30.17 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2817.42 | 91.44 | 30.99 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2789.91 | 88.03 | 31.88 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2765.75 | 84.75 | 32.84 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2745.03 | 81.67 | 33.83 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2727.81 | 78.89 | 34.81 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2714.17 | 76.54 | 35.71 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2704.16 | 74.75 | 36.43 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2697.83 | 73.68 | 36.88 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2695.19 | 73.43 | 36.97 | PASS |
| 10137.41† | 7835.00 | -4046.92 | -901.11 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2695.11 | 73.49 | 36.94 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2696.26 | 74.06 | 36.67 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2701.04 | 75.55 | 36.00 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2709.50 | 77.79 | 35.07 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2721.61 | 80.64 | 33.97 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2737.33 | 83.95 | 32.81 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2756.58 | 87.58 | 31.66 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2779.30 | 91.42 | 30.58 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2805.40 | 95.39 | 29.57 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2834.79 | 99.40 | 28.67 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2867.37 | 103.42 | 27.87 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2903.04 | 107.40 | 27.16 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2941.67 | 111.30 | 26.55 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 2983.15 | 115.11 | 26.03 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3027.37 | 118.81 | 25.59 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3074.20 | 122.38 | 25.23 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3123.54 | 125.82 | 24.93 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3175.26 | 129.13 | 24.69 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3229.25 | 132.29 | 24.51 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP | | | | | | | | | | | | |
|--|-----------------|--|------------------|-------------------|--------------------|----------------------|--------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) | | | | | Well: RIVERDALE FARMS #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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3285.40 | 135.31 | 24.37 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3343.59 | 138.20 | 24.29 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3403.73 | 140.94 | 24.24 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3465.71 | 143.56 | 24.23 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3529.44 | 146.04 | 24.25 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3594.82 | 148.40 | 24.31 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3661.76 | 150.64 | 24.39 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3730.18 | 152.77 | 24.50 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3800.01 | 154.79 | 24.63 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10,PA) Well: RIVERDALE FARMS #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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3871.15 | 156.70 | 24.79 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5103.00 | 5148.00 | -4047.56 | -1110.03 | 4.45 | 3911.45 | 157.37 | 24.88 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 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 | 0.00 | 221.00 | 221.00 | 29.00 | 250.00 | -2467.38 | -676.73 | -2467.38 | -676.73 |
| 8.625in Casing Surface | 0.00 | 221.00 | 221.00 | 29.00 | 250.00 | -2467.38 | -676.73 | -2467.38 | -676.73 |
| 7.875in Open Hole | 221.00 | 5103.00 | 4882.00 | 250.00 | 5132.00 | -2467.38 | -676.73 | -2467.38 | -676.73 |
| 4.5in Casing Production | 0.00 | 5103.00 | 5103.00 | 29.00 | 5132.00 | -2467.38 | -676.73 | -2467.38 | -676.73 |

WELLPATH COMPOSITION - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|------------------------|
| 0.00 | 5103.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5103> | RIVERDALE FARMS #2 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: RIVERDALE FARMS #2 AWB Offset Wellpath: RIVERDALE FARMS #2 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#01 EX RIVERDALE FARMS #2 (1980'FNL & 1980'FWL, SEC.10) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#06 EX EHLER#10-4 (660'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-4 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -7.00 | 16.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 25.16 | 271.15 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 93.00 | 116.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 62.18 | 108.89 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 193.00 | 216.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 64.22 | 105.39 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 293.00 | 316.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 66.08 | 102.10 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 393.00 | 416.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 68.13 | 99.01 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 493.00 | 516.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 70.17 | 96.09 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 593.00 | 616.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 72.22 | 93.33 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 693.00 | 716.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 74.28 | 90.72 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 793.00 | 816.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 76.13 | 88.25 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 893.00 | 916.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 78.19 | 85.91 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 993.00 | 1016.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 80.26 | 83.68 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1093.00 | 1116.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 82.33 | 81.56 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1193.00 | 1216.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 84.40 | 79.55 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1293.00 | 1316.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 86.48 | 77.62 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1393.00 | 1416.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 88.56 | 75.79 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1493.00 | 1516.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 90.65 | 74.03 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1593.00 | 1616.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 92.74 | 72.35 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1693.00 | 1716.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 94.83 | 70.75 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1793.00 | 1816.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 96.93 | 69.21 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1893.00 | 1916.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 99.03 | 67.73 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1993.00 | 2016.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 101.13 | 66.32 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2077.00 | 2100.00 | -6666.80 | 246.36 | 177.88 | 6671.35 | 102.90 | 65.17 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2093.00 | 2116.00 | -6666.80 | 246.36 | -25.18 | 6671.31 | 103.24 | 64.95 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2192.97 | 2215.97 | -6666.80 | 246.36 | -25.20 | 6669.22 | 105.36 | 63.62 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2292.80 | 2315.80 | -6666.80 | 246.36 | -25.27 | 6663.98 | 107.53 | 62.28 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2392.36 | 2415.36 | -6666.80 | 246.36 | -25.38 | 6655.60 | 109.69 | 60.98 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2491.54 | 2514.54 | -6666.80 | 246.36 | -25.52 | 6644.07 | 111.84 | 59.69 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2590.21 | 2613.21 | -6666.80 | 246.36 | -25.71 | 6629.44 | 113.99 | 58.43 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2688.26 | 2711.26 | -6666.80 | 246.36 | -25.94 | 6611.70 | 116.14 | 57.19 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2785.57 | 2808.57 | -6666.80 | 246.36 | -26.22 | 6590.90 | 118.28 | 55.98 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2882.01 | 2905.01 | -6666.80 | 246.36 | -26.54 | 6567.07 | 120.41 | 54.78 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2977.47 | 3000.47 | -6666.80 | 246.36 | -26.90 | 6540.24 | 122.53 | 53.61 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3071.84 | 3094.84 | -6666.80 | 246.36 | -27.32 | 6510.45 | 124.65 | 52.45 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3164.99 | 3187.99 | -6666.80 | 246.36 | -27.78 | 6477.75 | 126.76 | 51.32 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3256.81 | 3279.81 | -6666.80 | 246.36 | -28.30 | 6442.19 | 128.86 | 50.20 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3261.25 | 3284.25 | -6666.80 | 246.36 | -28.33 | 6440.38 | 128.96 | 50.15 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---------------------------|---|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#06 EX EHLER#10-4 (660'FSL & 1980'FEL, SEC.10, PA) | | | | Well: EHLER #10-4 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3347.87 | 3370.87 | -6666.80 | 246.36 | -28.49 | 6405.10 | 130.93 | 49.12 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3438.93 | 3461.93 | -6666.80 | 246.36 | -28.67 | 6368.07 | 133.01 | 48.07 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3529.98 | 3552.98 | -6666.80 | 246.36 | -28.84 | 6331.09 | 135.12 | 47.04 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3621.04 | 3644.04 | -6666.80 | 246.36 | -29.02 | 6294.17 | 137.24 | 46.04 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3712.09 | 3735.09 | -6666.80 | 246.36 | -29.20 | 6257.30 | 139.39 | 45.06 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3803.15 | 3826.15 | -6666.80 | 246.36 | -29.38 | 6220.49 | 141.55 | 44.11 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3894.21 | 3917.21 | -6666.80 | 246.36 | -29.57 | 6183.73 | 143.73 | 43.18 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3985.26 | 4008.26 | -6666.80 | 246.36 | -29.75 | 6147.03 | 145.94 | 42.27 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4076.32 | 4099.32 | -6666.80 | 246.36 | -29.94 | 6110.40 | 148.16 | 41.39 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#06 EX EHLER#10-4 (660'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-4 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4167.37 | 4190.37 | -6666.80 | 246.36 | -30.13 | 6073.82 | 150.40 | 40.53 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4258.43 | 4281.43 | -6666.80 | 246.36 | -30.33 | 6037.30 | 152.65 | 39.69 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4349.48 | 4372.48 | -6666.80 | 246.36 | -30.52 | 6000.85 | 154.93 | 38.87 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4440.54 | 4463.54 | -6666.80 | 246.36 | -30.72 | 5964.46 | 157.22 | 38.06 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4531.60 | 4554.60 | -6666.80 | 246.36 | -30.92 | 5928.13 | 159.53 | 37.28 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4622.65 | 4645.65 | -6666.80 | 246.36 | -31.12 | 5891.87 | 161.86 | 36.52 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4713.71 | 4736.71 | -6666.80 | 246.36 | -31.32 | 5855.68 | 164.21 | 35.77 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4804.76 | 4827.76 | -6666.80 | 246.36 | -31.53 | 5819.56 | 166.57 | 35.05 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4895.82 | 4918.82 | -6666.80 | 246.36 | -31.74 | 5783.50 | 168.95 | 34.34 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4986.88 | 5009.88 | -6666.80 | 246.36 | -31.95 | 5747.52 | 171.35 | 33.65 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5077.93 | 5100.93 | -6666.80 | 246.36 | -32.16 | 5711.61 | 173.76 | 32.97 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5675.84 | 175.69 | 32.41 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5641.25 | 176.29 | 32.10 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5608.23 | 176.86 | 31.81 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5576.81 | 177.41 | 31.54 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5547.01 | 177.92 | 31.28 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5518.86 | 178.41 | 31.03 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5492.39 | 178.86 | 30.81 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5467.63 | 179.27 | 30.60 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5444.58 | 179.65 | 30.40 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5423.29 | 179.99 | 30.23 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5403.76 | 180.29 | 30.07 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5386.01 | 180.54 | 29.93 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5370.07 | 180.75 | 29.80 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5355.95 | 180.92 | 29.70 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5343.66 | 181.03 | 29.61 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5333.23 | 181.10 | 29.54 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5324.64 | 181.13 | 29.49 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5317.93 | 181.10 | 29.46 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5313.09 | 181.02 | 29.44 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5310.13 | 180.90 | 29.45 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5309.05 | 180.72 | 29.47 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5309.85 | 180.50 | 29.51 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5312.54 | 180.22 | 29.57 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5317.11 | 179.90 | 29.65 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5323.55 | 179.53 | 29.75 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#06 EX EHLER#10-4 (660'FSL & 1980'FEL, SEC.10, PA) | | | Well: EHLER #10-4 | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5331.86 | 179.11 | 29.86 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -32.32 | 5333.59 | 179.02 | 29.89 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -26.47 | 5336.28 | 178.76 | 29.95 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -22.56 | 5325.57 | 178.88 | 29.87 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -20.54 | 5299.68 | 179.24 | 29.66 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -19.69 | 5259.18 | 179.57 | 29.38 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -19.77 | 5204.97 | 179.88 | 29.03 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -20.82 | 5138.31 | 180.15 | 28.61 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 5064.60 | 180.37 | 28.17 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#06 EX EHLER#10-4 (660'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-4 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 5060.76 | 180.38 | 28.14 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4979.16 | 180.38 | 27.69 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4898.24 | 180.36 | 27.24 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4818.04 | 180.33 | 26.80 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4738.59 | 180.29 | 26.36 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4659.93 | 180.24 | 25.94 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4582.10 | 180.17 | 25.51 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4505.15 | 180.08 | 25.10 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4429.12 | 179.97 | 24.69 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4354.06 | 179.85 | 24.29 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4280.02 | 179.69 | 23.89 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4207.05 | 179.52 | 23.51 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4135.22 | 179.31 | 23.13 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 4064.57 | 179.08 | 22.77 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3995.18 | 178.81 | 22.41 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3927.11 | 178.51 | 22.07 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3860.43 | 178.16 | 21.74 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3795.21 | 177.78 | 21.41 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3731.54 | 177.36 | 21.11 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3669.48 | 176.88 | 20.81 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3609.13 | 176.36 | 20.53 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3550.57 | 175.79 | 20.26 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3493.89 | 175.17 | 20.01 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3439.18 | 174.50 | 19.77 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3386.55 | 173.77 | 19.55 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3336.08 | 173.00 | 19.35 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3287.88 | 172.17 | 19.16 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3242.05 | 171.30 | 18.99 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3198.69 | 170.39 | 18.83 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3157.90 | 169.44 | 18.70 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3119.78 | 168.48 | 18.58 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3084.44 | 167.51 | 18.47 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3051.97 | 166.54 | 18.39 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 3022.45 | 165.60 | 18.31 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2995.99 | 164.70 | 18.25 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2972.65 | 163.87 | 18.20 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#06 EX EHLER#10-4 (660°FSL & 1980°FEL, SEC.10, PA) | | | Well: EHLER #10-4 | | 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 |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2952.52 | 163.15 | 18.16 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2935.66 | 162.54 | 18.12 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2922.13 | 162.08 | 18.09 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2911.97 | 161.80 | 18.06 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2905.22 | 161.71 | 18.03 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2901.90 | 161.83 | 17.99 | PASS |
| 12766.00† | 7835.00 | -6675.49 | -889.38 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2901.53 | 161.97 | 17.98 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2902.02 | 162.16 | 17.96 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2905.59 | 162.70 | 17.92 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#06 EX EHLER#10-4 (660'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-4 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 |
| 12971.86† | 7835.00 | -6881.35 | -888.47 | 5142.00 | 5165.00 | -6666.80 | 246.36 | -23.04 | 2909.08 | 163.09 | 17.90 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 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 | 0.00 | 221.00 | 221.00 | 7.00 | 228.00 | -4064.08 | 150.20 | -4064.08 | 150.20 |
| 8.625in Casing Surface | 0.00 | 221.00 | 221.00 | 7.00 | 228.00 | -4064.08 | 150.20 | -4064.08 | 150.20 |
| 7.875in Open Hole | 221.00 | 5140.00 | 4919.00 | 228.00 | 5147.00 | -4064.08 | 150.20 | -4064.08 | 150.20 |
| 4.5in Casing Production | 0.00 | 5140.00 | 5140.00 | 7.00 | 5147.00 | -4064.08 | 150.20 | -4064.08 | 150.20 |

WELLPATH COMPOSITION - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-----------------|
| 0.00 | 5142.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5142> | EHLER #10-4 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: EHLER #10-4 AWB Offset Wellpath: EHLER #10-4 AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#06 EX #10-4 (660'FSL & 1980'FEL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP

Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03,PR) Well: JOHN WEIGANDT GAS UNIT #1 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 Stat |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|------------|
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 40.00 | 1853.15 | 1197.75 | 32.88 | 2206.66 | 25.56 | 89.66 | PA: |
| 116.00† | 116.00 | 0.00 | 0.00 | 60.00 | 116.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 61.64 | 36.33 | PA: |
| 216.00† | 216.00 | 0.00 | 0.00 | 160.00 | 216.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 63.88 | 35.03 | PA: |
| 316.00† | 316.00 | 0.00 | 0.00 | 260.00 | 316.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 65.95 | 33.83 | PA: |
| 416.00† | 416.00 | 0.00 | 0.00 | 360.00 | 416.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 68.20 | 32.70 | PA: |
| 516.00† | 516.00 | 0.00 | 0.00 | 460.00 | 516.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 70.46 | 31.64 | PA: |
| 616.00† | 616.00 | 0.00 | 0.00 | 560.00 | 616.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 72.72 | 30.65 | PA: |
| 716.00† | 716.00 | 0.00 | 0.00 | 660.00 | 716.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 74.98 | 29.71 | PA: |
| 816.00† | 816.00 | 0.00 | 0.00 | 760.00 | 816.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 77.04 | 28.84 | PA: |
| 916.00† | 916.00 | 0.00 | 0.00 | 860.00 | 916.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 79.31 | 28.01 | PA: |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 960.00 | 1016.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 81.59 | 27.22 | PA: |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1060.00 | 1116.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 83.87 | 26.47 | PA: |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1160.00 | 1216.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 86.15 | 25.77 | PA: |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1260.00 | 1316.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 88.44 | 25.10 | PA: |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1360.00 | 1416.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 90.73 | 24.46 | PA: |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1460.00 | 1516.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 93.02 | 23.85 | PA: |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1560.00 | 1616.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 95.32 | 23.28 | PA: |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1660.00 | 1716.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 97.62 | 22.72 | PA: |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1760.00 | 1816.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 99.93 | 22.20 | PA: |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1860.00 | 1916.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 102.24 | 21.69 | PA: |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1960.00 | 2016.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 104.55 | 21.21 | PA: |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2044.00 | 2100.00 | 1853.15 | 1197.75 | 32.88 | 2206.53 | 106.49 | 20.82 | PA: |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2060.00 | 2116.00 | 1853.15 | 1197.75 | -170.19 | 2206.57 | 106.86 | 20.75 | PA: |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2159.97 | 2215.97 | 1853.15 | 1197.75 | -170.19 | 2208.84 | 109.20 | 20.32 | PA: |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2259.80 | 2315.80 | 1853.15 | 1197.75 | -170.19 | 2214.55 | 111.58 | 19.94 | PA: |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2359.36 | 2415.36 | 1853.15 | 1197.75 | -170.20 | 2223.69 | 113.95 | 19.60 | PA: |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2458.54 | 2514.54 | 1853.15 | 1197.75 | -170.22 | 2236.25 | 116.32 | 19.31 | PA: |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2557.21 | 2613.21 | 1853.15 | 1197.75 | -170.23 | 2252.21 | 118.69 | 19.06 | PA: |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2655.26 | 2711.26 | 1853.15 | 1197.75 | -170.25 | 2271.57 | 121.04 | 18.85 | PA: |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2752.57 | 2808.57 | 1853.15 | 1197.75 | -170.27 | 2294.29 | 123.38 | 18.67 | PA: |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2849.01 | 2905.01 | 1853.15 | 1197.75 | -170.29 | 2320.35 | 125.71 | 18.53 | PA: |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2944.47 | 3000.47 | 1853.15 | 1197.75 | -170.31 | 2349.73 | 128.02 | 18.43 | PA: |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3038.84 | 3094.84 | 1853.15 | 1197.75 | -170.33 | 2382.40 | 130.31 | 18.35 | PA: |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3131.99 | 3187.99 | 1853.15 | 1197.75 | -170.34 | 2418.30 | 132.59 | 18.31 | PA: |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3223.81 | 3279.81 | 1853.15 | 1197.75 | -170.35 | 2457.41 | 134.84 | 18.29 | PA: |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3228.25 | 3284.25 | 1853.15 | 1197.75 | -170.35 | 2459.40 | 134.95 | 18.29 | PA: |

| CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|-----------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03,PR) Well: JOHN WEIGANDT GAS UNIT #1 Threshold Value=1.00 † = interpolated/extrapolated status | | | | | | | | | | | | |
| 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3314.87 | 3370.87 | 1853.15 | 1197.75 | -170.51 | 2498.27 | 137.03 | 18.30 | PA: |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3405.93 | 3461.93 | 1853.15 | 1197.75 | -170.66 | 2539.14 | 139.23 | 18.30 | PA: |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3496.98 | 3552.98 | 1853.15 | 1197.75 | -170.81 | 2580.03 | 141.44 | 18.31 | PA: |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3588.04 | 3644.04 | 1853.15 | 1197.75 | -170.95 | 2620.94 | 143.66 | 18.31 | PA: |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3679.09 | 3735.09 | 1853.15 | 1197.75 | -171.09 | 2661.85 | 145.89 | 18.31 | PA: |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3770.15 | 3826.15 | 1853.15 | 1197.75 | -171.23 | 2702.78 | 148.13 | 18.31 | PA: |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3861.21 | 3917.21 | 1853.15 | 1197.75 | -171.36 | 2743.72 | 150.37 | 18.31 | PA: |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3952.26 | 4008.26 | 1853.15 | 1197.75 | -171.49 | 2784.68 | 152.62 | 18.31 | PA: |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4043.32 | 4099.32 | 1853.15 | 1197.75 | -171.61 | 2825.64 | 154.88 | 18.30 | PA: |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP

Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03,PR) Well: JOHN WEIGANDT GAS UNIT #1 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 |
|----------------|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|-----------|
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4134.37 | 4190.37 | 1853.15 | 1197.75 | -171.73 | 2866.62 | 157.15 | 18.30 | PA |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4225.43 | 4281.43 | 1853.15 | 1197.75 | -171.85 | 2907.60 | 159.43 | 18.30 | PA |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4316.48 | 4372.48 | 1853.15 | 1197.75 | -171.96 | 2948.60 | 161.71 | 18.29 | PA |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4407.54 | 4463.54 | 1853.15 | 1197.75 | -172.07 | 2989.61 | 164.00 | 18.29 | PA |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4498.60 | 4554.60 | 1853.15 | 1197.75 | -172.18 | 3030.62 | 166.29 | 18.28 | PA |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4589.65 | 4645.65 | 1853.15 | 1197.75 | -172.28 | 3071.64 | 168.60 | 18.27 | PA |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4680.71 | 4736.71 | 1853.15 | 1197.75 | -172.39 | 3112.67 | 170.91 | 18.27 | PA |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4771.76 | 4827.76 | 1853.15 | 1197.75 | -172.49 | 3153.71 | 173.22 | 18.26 | PA |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4862.82 | 4918.82 | 1853.15 | 1197.75 | -172.58 | 3194.76 | 175.54 | 18.25 | PA |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4953.88 | 5009.88 | 1853.15 | 1197.75 | -172.68 | 3235.81 | 177.87 | 18.24 | PA |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5044.93 | 5100.93 | 1853.15 | 1197.75 | -172.77 | 3276.87 | 180.20 | 18.24 | PA |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5135.99 | 5191.99 | 1853.15 | 1197.75 | -172.86 | 3317.94 | 182.54 | 18.23 | PA |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5227.04 | 5283.04 | 1853.15 | 1197.75 | -172.95 | 3359.02 | 184.89 | 18.22 | PA |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5318.10 | 5374.10 | 1853.15 | 1197.75 | -173.03 | 3400.10 | 187.24 | 18.21 | PA |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5409.15 | 5465.15 | 1853.15 | 1197.75 | -173.11 | 3441.19 | 189.59 | 18.20 | PA |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5500.21 | 5556.21 | 1853.15 | 1197.75 | -173.20 | 3482.28 | 191.95 | 18.19 | PA |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5591.27 | 5647.27 | 1853.15 | 1197.75 | -173.28 | 3523.38 | 194.32 | 18.18 | PA |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5682.32 | 5738.32 | 1853.15 | 1197.75 | -173.35 | 3564.48 | 196.69 | 18.17 | PA |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5773.38 | 5829.38 | 1853.15 | 1197.75 | -173.43 | 3605.59 | 199.06 | 18.16 | PA |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5864.43 | 5920.43 | 1853.15 | 1197.75 | -173.50 | 3646.71 | 201.44 | 18.15 | PA |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5955.49 | 6011.49 | 1853.15 | 1197.75 | -173.58 | 3687.83 | 203.82 | 18.14 | PA |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 6046.55 | 6102.55 | 1853.15 | 1197.75 | -173.65 | 3728.95 | 206.21 | 18.13 | PA |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 6137.60 | 6193.60 | 1853.15 | 1197.75 | -173.72 | 3770.08 | 208.60 | 18.12 | PA |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 6228.66 | 6284.66 | 1853.15 | 1197.75 | -173.78 | 3811.22 | 211.00 | 18.11 | PA |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 6319.71 | 6375.71 | 1853.15 | 1197.75 | -173.85 | 3852.36 | 213.40 | 18.10 | PA |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 6410.77 | 6466.77 | 1853.15 | 1197.75 | -173.92 | 3893.50 | 215.81 | 18.08 | PA |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 6501.82 | 6557.82 | 1853.15 | 1197.75 | -173.98 | 3934.64 | 218.21 | 18.07 | PA |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 6592.88 | 6648.88 | 1853.15 | 1197.75 | -174.04 | 3975.80 | 220.62 | 18.06 | PA |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 6683.94 | 6739.94 | 1853.15 | 1197.75 | -174.10 | 4016.95 | 223.04 | 18.05 | PA |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 6774.99 | 6830.99 | 1853.15 | 1197.75 | -174.16 | 4058.11 | 225.46 | 18.04 | PA |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 6866.05 | 6922.05 | 1853.15 | 1197.75 | -174.22 | 4099.27 | 227.88 | 18.03 | PA |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 6957.10 | 7013.10 | 1853.15 | 1197.75 | -174.28 | 4140.44 | 230.31 | 18.02 | PA |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 7048.16 | 7104.16 | 1853.15 | 1197.75 | -174.34 | 4181.60 | 232.73 | 18.01 | PA |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 7139.22 | 7195.22 | 1853.15 | 1197.75 | -174.39 | 4222.78 | 235.17 | 18.00 | PA |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 7230.27 | 7286.27 | 1853.15 | 1197.75 | -174.45 | 4263.95 | 237.60 | 17.98 | PA |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 7321.33 | 7377.33 | 1853.15 | 1197.75 | -174.50 | 4305.13 | 240.04 | 17.97 | PA |

| CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|-----------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03,PR) Well: JOHN WEIGANDT GAS UNIT #1 Threshold Value=1.00 † = interpolated/extrapolated status | | | | | | | | | | | | |
| 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 7412.38 | 7468.38 | 1853.15 | 1197.75 | -174.55 | 4346.31 | 242.48 | 17.96 | PA |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 7429.15 | 7485.15 | 1853.15 | 1197.75 | -174.56 | 4353.90 | 242.93 | 17.96 | PA |
| 7961.17† | 7509.27 | -2001.25 | -851.71 | 7453.27 | 7509.27 | 1853.15 | 1197.75 | -171.64 | 4365.40 | 243.60 | 17.96 | PA |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 7501.02 | 7557.02 | 1853.15 | 1197.75 | -166.55 | 4391.93 | 244.94 | 17.97 | PA |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 7581.08 | 7637.08 | 1853.15 | 1197.75 | -158.67 | 4449.82 | 247.48 | 18.02 | PA |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 7650.02 | 7706.02 | 1853.15 | 1197.75 | -150.63 | 4518.55 | 249.80 | 18.13 | PA |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 7705.74 | 7761.74 | 1853.15 | 1197.75 | -140.73 | 4596.14 | 251.69 | 18.30 | PA |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 7746.55 | 7802.55 | 1853.15 | 1197.75 | -127.34 | 4680.34 | 253.10 | 18.53 | PA |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 7771.21 | 7827.21 | 1853.15 | 1197.75 | -109.47 | 4768.71 | 254.00 | 18.81 | PA |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP

Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03,PR) Well: JOHN WEIGANDT GAS UNIT #1 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 |
|-------------|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|--------|
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 4854.45 | 254.39 | 19.12 | PA |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 4858.67 | 254.40 | 19.14 | PA |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 4948.79 | 254.57 | 19.48 | PA |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5039.28 | 254.75 | 19.82 | PA |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5130.12 | 254.94 | 20.16 | PA |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5221.31 | 255.12 | 20.51 | PA |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5312.80 | 255.31 | 20.85 | PA |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5404.60 | 255.50 | 21.20 | PA |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5496.69 | 255.68 | 21.54 | PA |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5589.04 | 255.87 | 21.89 | PA |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5681.66 | 256.06 | 22.23 | PA |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5774.52 | 256.25 | 22.58 | PA |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5867.62 | 256.44 | 22.93 | PA |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 5960.94 | 256.62 | 23.28 | PA |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6054.47 | 256.81 | 23.62 | PA |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6148.21 | 257.00 | 23.97 | PA |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6242.14 | 257.18 | 24.32 | PA |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6336.26 | 257.37 | 24.67 | PA |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6430.56 | 257.55 | 25.02 | PA |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6525.02 | 257.73 | 25.37 | PA |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6619.65 | 257.91 | 25.72 | PA |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6714.43 | 258.09 | 26.07 | PA |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6809.37 | 258.27 | 26.42 | PA |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6904.44 | 258.45 | 26.77 | PA |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 6999.65 | 258.63 | 27.12 | PA |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7095.00 | 258.81 | 27.47 | PA |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7190.47 | 258.98 | 27.82 | PA |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7286.06 | 259.16 | 28.17 | PA |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7381.77 | 259.33 | 28.52 | PA |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7477.59 | 259.50 | 28.87 | PA |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7573.52 | 259.67 | 29.22 | PA |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7669.56 | 259.84 | 29.58 | PA |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7765.69 | 260.01 | 29.93 | PA |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7861.92 | 260.18 | 30.28 | PA |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 7958.24 | 260.35 | 30.63 | PA |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8054.66 | 260.52 | 30.98 | PA |

| CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|-----------|
| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150°FNL & 990°FEL, SEC.03,PR) Well: JOHN WEIGANDT GAS UNIT #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 | AC Sta |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8151.16 | 260.68 | 31.33 | PA |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8247.74 | 260.85 | 31.68 | PA |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8344.40 | 261.01 | 32.03 | PA |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8441.14 | 261.18 | 32.38 | PA |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8537.96 | 261.34 | 32.74 | PA |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8634.85 | 261.50 | 33.09 | PA |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8731.81 | 261.67 | 33.44 | PA |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8828.83 | 261.83 | 33.79 | PA |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8925.92 | 261.99 | 34.14 | PA |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP

Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03,PR) Well: JOHN WEIGANDT GAS UNIT #1 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 |
|-------------|--------------|----------------|---------------|----------------|-----------------|-------------------|------------------|-------------------------|---------------------|---------------|-----------|--------|
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 7779.00 | 7835.00 | 1853.15 | 1197.75 | -90.00 | 8980.19 | 261.72 | 34.34 | PA |

POSITIONAL UNCERTAINTY - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #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 | 0.00 | 196.00 | 196.00 | 40.00 | 236.00 | 1129.70 | 730.12 | 1129.70 | 730.12 |
| 8.625in Casing Surface | 0.00 | 196.00 | 196.00 | 40.00 | 236.00 | 1129.70 | 730.12 | 1129.70 | 730.12 |
| 7.875in Open Hole | 196.00 | 8382.00 | 8186.00 | 236.00 | 8422.00 | 1129.70 | 730.12 | 1129.70 | 730.12 |
| 4.5in Casing Production | 0.00 | 8382.00 | 8382.00 | 40.00 | 8422.00 | 1129.70 | 730.12 | 1129.70 | 730.12 |

WELLPATH COMPOSITION - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------------------|
| 0.00 | 8392.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <8392> | JOHN WEIGANDT GAS UNIT #1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: JOHN WEIGANDT GAS UNIT #1 AWB Offset Wellpath: JOHN WEIGANDT GAS UNIT #1 AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#01 EX JOHN WEIGANDT GAS UNIT #1 (1150'FNL & 990'FEL, SEC.03) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX EHLER JOHN #13 (1980'FNL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #13 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -12.00 | 16.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 25.57 | 192.11 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 88.00 | 116.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 62.08 | 77.28 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 188.00 | 216.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 64.11 | 74.80 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 288.00 | 316.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 65.97 | 72.47 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 388.00 | 416.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 68.01 | 70.27 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 488.00 | 516.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 70.06 | 68.20 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 588.00 | 616.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 72.11 | 66.24 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 688.00 | 716.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 74.16 | 64.39 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 788.00 | 816.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 76.01 | 62.64 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 888.00 | 916.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 78.07 | 60.97 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 988.00 | 1016.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 80.13 | 59.39 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1088.00 | 1116.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 82.20 | 57.89 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1188.00 | 1216.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 84.27 | 56.45 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1288.00 | 1316.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 86.35 | 55.09 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1388.00 | 1416.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 88.42 | 53.78 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1488.00 | 1516.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 90.51 | 52.54 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1588.00 | 1616.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 92.59 | 51.35 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1688.00 | 1716.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 94.69 | 50.21 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1788.00 | 1816.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 96.78 | 49.11 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1888.00 | 1916.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 98.88 | 48.07 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1988.00 | 2016.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 100.98 | 47.06 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2072.00 | 2100.00 | -4054.75 | -2430.25 | -149.06 | 4727.27 | 102.75 | 46.25 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2088.00 | 2116.00 | -4054.75 | -2430.25 | 7.88 | 4727.23 | 103.09 | 46.09 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2187.97 | 2215.97 | -4054.75 | -2430.25 | 7.89 | 4724.95 | 105.21 | 45.14 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2287.80 | 2315.80 | -4054.75 | -2430.25 | 7.91 | 4719.21 | 107.38 | 44.17 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2387.36 | 2415.36 | -4054.75 | -2430.25 | 7.95 | 4710.03 | 109.54 | 43.21 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2486.54 | 2514.54 | -4054.75 | -2430.25 | 8.01 | 4697.41 | 111.71 | 42.25 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2585.21 | 2613.21 | -4054.75 | -2430.25 | 8.08 | 4681.37 | 113.86 | 41.31 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2683.26 | 2711.26 | -4054.75 | -2430.25 | 8.17 | 4661.93 | 116.01 | 40.37 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2780.57 | 2808.57 | -4054.75 | -2430.25 | 8.28 | 4639.12 | 118.14 | 39.44 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2877.01 | 2905.01 | -4054.75 | -2430.25 | 8.41 | 4612.96 | 120.27 | 38.53 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2972.47 | 3000.47 | -4054.75 | -2430.25 | 8.55 | 4583.49 | 122.37 | 37.62 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3066.84 | 3094.84 | -4054.75 | -2430.25 | 8.72 | 4550.74 | 124.47 | 36.72 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3159.99 | 3187.99 | -4054.75 | -2430.25 | 8.91 | 4514.76 | 126.54 | 35.83 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3251.81 | 3279.81 | -4054.75 | -2430.25 | 9.12 | 4475.58 | 128.60 | 34.95 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3256.25 | 3284.25 | -4054.75 | -2430.25 | 9.13 | 4473.60 | 128.70 | 34.90 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#04 EX EHLER JOHN #13 (1980°FNL & 660°FWL, SEC.10, PA) | | | Well: EHLER JOHN #13 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3342.87 | 3370.87 | -4054.75 | -2430.25 | 9.21 | 4434.69 | 130.60 | 34.09 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3433.93 | 3461.93 | -4054.75 | -2430.25 | 9.30 | 4393.80 | 132.61 | 33.26 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3524.98 | 3552.98 | -4054.75 | -2430.25 | 9.38 | 4352.92 | 134.63 | 32.46 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3616.04 | 3644.04 | -4054.75 | -2430.25 | 9.47 | 4312.04 | 136.66 | 31.67 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3707.09 | 3735.09 | -4054.75 | -2430.25 | 9.57 | 4271.18 | 138.70 | 30.91 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3798.15 | 3826.15 | -4054.75 | -2430.25 | 9.66 | 4230.32 | 140.75 | 30.17 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3889.21 | 3917.21 | -4054.75 | -2430.25 | 9.75 | 4189.48 | 142.81 | 29.44 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3980.26 | 4008.26 | -4054.75 | -2430.25 | 9.85 | 4148.64 | 144.88 | 28.74 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4071.32 | 4099.32 | -4054.75 | -2430.25 | 9.95 | 4107.82 | 146.96 | 28.05 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX EHLER JOHN #13 (1980'FNL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #13 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4162.37 | 4190.37 | -4054.75 | -2430.25 | 10.05 | 4067.00 | 149.04 | 27.38 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4253.43 | 4281.43 | -4054.75 | -2430.25 | 10.15 | 4026.20 | 151.14 | 26.73 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4344.48 | 4372.48 | -4054.75 | -2430.25 | 10.25 | 3985.40 | 153.25 | 26.10 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4435.54 | 4463.54 | -4054.75 | -2430.25 | 10.36 | 3944.62 | 155.36 | 25.48 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4526.60 | 4554.60 | -4054.75 | -2430.25 | 10.47 | 3903.85 | 157.49 | 24.87 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4617.65 | 4645.65 | -4054.75 | -2430.25 | 10.58 | 3863.09 | 159.62 | 24.28 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4708.71 | 4736.71 | -4054.75 | -2430.25 | 10.69 | 3822.34 | 161.76 | 23.71 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4799.76 | 4827.76 | -4054.75 | -2430.25 | 10.81 | 3781.61 | 163.91 | 23.14 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4890.82 | 4918.82 | -4054.75 | -2430.25 | 10.93 | 3740.89 | 166.07 | 22.60 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4981.88 | 5009.88 | -4054.75 | -2430.25 | 11.05 | 3700.18 | 168.24 | 22.06 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5072.93 | 5100.93 | -4054.75 | -2430.25 | 11.17 | 3659.49 | 170.41 | 21.54 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3619.13 | 171.68 | 21.15 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3580.85 | 172.00 | 20.89 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3544.98 | 172.22 | 20.65 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3511.59 | 172.34 | 20.44 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3480.75 | 172.35 | 20.26 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3452.54 | 172.25 | 20.11 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3427.01 | 172.04 | 19.98 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3404.23 | 171.70 | 19.89 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3384.25 | 171.24 | 19.83 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3367.12 | 170.65 | 19.80 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3352.90 | 169.93 | 19.80 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3341.60 | 169.07 | 19.83 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3333.27 | 168.08 | 19.90 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3327.92 | 166.97 | 20.00 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3325.57 | 165.72 | 20.14 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3326.23 | 164.34 | 20.31 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3329.89 | 162.85 | 20.52 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3336.55 | 161.24 | 20.77 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3346.19 | 159.52 | 21.05 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3358.77 | 157.69 | 21.37 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3374.27 | 155.78 | 21.74 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3392.65 | 153.78 | 22.14 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3413.87 | 151.70 | 22.59 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3437.86 | 149.56 | 23.07 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3464.57 | 147.36 | 23.60 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#04 EX EHLER JOHN #13 (1980°FNL & 660°FWL, SEC.10, PA) | | | Well: EHLER JOHN #13 | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3493.94 | 145.12 | 24.17 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 11.23 | 3499.64 | 144.70 | 24.28 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 15.72 | 3521.42 | 142.93 | 24.73 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 18.80 | 3537.95 | 141.19 | 25.16 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 20.88 | 3542.95 | 139.82 | 25.44 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 22.70 | 3536.33 | 138.70 | 25.60 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 24.63 | 3518.22 | 137.85 | 25.63 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 26.91 | 3488.99 | 137.34 | 25.51 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3451.35 | 137.19 | 25.26 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX EHLER JOHN #13 (1980'FNL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #13 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3449.28 | 137.18 | 25.25 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3406.33 | 136.90 | 24.98 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3365.79 | 136.73 | 24.72 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3327.78 | 136.69 | 24.44 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3292.36 | 136.79 | 24.17 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3259.62 | 137.03 | 23.89 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3229.65 | 137.41 | 23.60 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3202.52 | 137.95 | 23.31 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3178.31 | 138.65 | 23.02 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3157.09 | 139.52 | 22.72 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3138.90 | 140.56 | 22.42 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3123.82 | 141.78 | 22.12 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3111.87 | 143.18 | 21.82 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3103.11 | 144.76 | 21.52 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3097.54 | 146.53 | 21.22 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3095.21 | 148.48 | 20.92 | PASS |
| 10141.00† | 7835.00 | -4050.51 | -901.10 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3095.13 | 148.99 | 20.85 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3096.10 | 150.60 | 20.63 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3100.22 | 152.88 | 20.35 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3107.55 | 155.30 | 20.08 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3118.07 | 157.85 | 19.82 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3131.75 | 160.51 | 19.58 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3148.56 | 163.26 | 19.35 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3168.43 | 166.08 | 19.14 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3191.31 | 168.94 | 18.95 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3217.14 | 171.82 | 18.78 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3245.84 | 174.71 | 18.64 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3277.35 | 177.58 | 18.51 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3311.57 | 180.42 | 18.41 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3348.44 | 183.21 | 18.33 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3387.85 | 185.94 | 18.27 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3429.73 | 188.60 | 18.24 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3473.99 | 191.18 | 18.22 | PASS |
| 11738.33† | 7835.00 | -5647.83 | -893.97 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3484.19 | 191.74 | 18.22 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3520.53 | 193.67 | 18.23 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3569.26 | 196.07 | 18.25 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#04 EX EHLER JOHN #13 (1980°FNL & 660°FWL, SEC.10, PA) | | | Well: EHLER JOHN #13 | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3620.10 | 198.38 | 18.30 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3672.96 | 200.59 | 18.36 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3727.76 | 202.71 | 18.44 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3784.40 | 204.72 | 18.54 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3842.81 | 206.64 | 18.65 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3902.91 | 208.47 | 18.77 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 3964.62 | 210.20 | 18.91 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 4027.87 | 211.84 | 19.06 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 4092.59 | 213.39 | 19.23 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#04 EX EHLER JOHN #13 (1980'FNL & 660'FWL, SEC.10, PA) Well: EHLER JOHN #13 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 4158.70 | 214.86 | 19.41 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5116.00 | 5144.00 | -4054.75 | -2430.25 | 29.61 | 4196.22 | 215.06 | 19.51 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 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 | 0.00 | 210.00 | 210.00 | 12.00 | 222.00 | -2471.70 | -1481.60 | -2471.70 | -1481.60 |
| 8.625in Casing Surface | 0.00 | 210.00 | 210.00 | 12.00 | 222.00 | -2471.70 | -1481.60 | -2471.70 | -1481.60 |
| 7.875in Open Hole | 210.00 | 5115.00 | 4905.00 | 222.00 | 5127.00 | -2471.70 | -1481.60 | -2471.70 | -1481.60 |
| 4.5in Casing Production | 0.00 | 5115.00 | 5115.00 | 12.00 | 5127.00 | -2471.70 | -1481.60 | -2471.70 | -1481.60 |

WELLPATH COMPOSITION - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|--------------------|
| 0.00 | 5116.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5116> | EHLER JOHN #13 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: EHLER JOHN #13 AWB Offset Wellpath: EHLER JOHN #13 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT304 EX EHLER JOHN #13 (1980'FNL & 660'FWL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #37C-3HZ AWB Offset Wellpath: GRENNEMYER #37C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#08 GRENNEMYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) Well: GRENNEMYER #37C-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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 42.00 | 7726.54 | 1051.50 | 7.75 | 7797.81 | 25.57 | 316.92 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 15438.84 | 7834.77 | -210.70 | 799.63 | 104.76 | 7762.94 | 95.95 | 81.59 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 15436.00 | 7834.85 | -207.85 | 799.60 | 104.57 | 7663.51 | 95.93 | 80.57 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 15433.16 | 7834.93 | -205.01 | 799.57 | 104.38 | 7564.10 | 95.91 | 79.54 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 15430.31 | 7835.01 | -202.17 | 799.54 | 104.19 | 7464.71 | 95.89 | 78.51 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 15427.47 | 7835.09 | -199.32 | 799.51 | 104.00 | 7365.33 | 95.88 | 77.47 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 15424.62 | 7835.17 | -196.48 | 799.47 | 103.81 | 7265.96 | 95.87 | 76.43 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 15421.78 | 7835.25 | -193.64 | 799.44 | 103.62 | 7166.61 | 95.86 | 75.39 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 15418.93 | 7835.33 | -190.79 | 799.41 | 103.42 | 7067.28 | 95.65 | 74.35 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 15416.09 | 7835.41 | -187.95 | 799.38 | 103.23 | 6967.97 | 95.65 | 73.31 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 15413.24 | 7835.50 | -185.11 | 799.35 | 103.04 | 6868.68 | 95.66 | 72.26 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 15410.40 | 7835.58 | -182.27 | 799.31 | 102.85 | 6769.40 | 95.67 | 71.21 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 15407.55 | 7835.66 | -179.42 | 799.28 | 102.65 | 6670.15 | 95.68 | 70.15 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 15404.71 | 7835.74 | -176.58 | 799.25 | 102.46 | 6570.92 | 95.70 | 69.10 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 15401.87 | 7835.82 | -173.74 | 799.22 | 102.26 | 6471.71 | 95.71 | 68.04 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 15399.02 | 7835.90 | -170.89 | 799.19 | 102.07 | 6372.52 | 95.74 | 66.98 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 15396.18 | 7835.98 | -168.05 | 799.15 | 101.88 | 6273.36 | 95.77 | 65.92 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 15393.33 | 7836.06 | -165.21 | 799.12 | 101.68 | 6174.22 | 95.80 | 64.86 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 15390.49 | 7836.14 | -162.36 | 799.09 | 101.49 | 6075.12 | 95.83 | 63.79 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 15387.64 | 7836.22 | -159.52 | 799.06 | 101.29 | 5976.03 | 95.87 | 62.72 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 15384.80 | 7836.30 | -156.68 | 799.03 | 101.09 | 5876.98 | 95.92 | 61.66 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 15382.41 | 7836.37 | -154.29 | 799.00 | 100.93 | 5793.80 | 95.96 | 60.76 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 15382.00 | 7836.38 | -153.87 | 799.00 | -104.34 | 5777.97 | 95.97 | 60.59 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 15381.26 | 7836.40 | -153.14 | 798.99 | -116.81 | 5679.08 | 96.05 | 59.50 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 15383.72 | 7836.33 | -155.60 | 799.02 | -126.70 | 5580.49 | 96.18 | 58.38 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 15389.37 | 7836.17 | -161.25 | 799.08 | -134.25 | 5482.32 | 96.36 | 57.25 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 15398.21 | 7835.92 | -170.09 | 799.18 | -139.97 | 5384.71 | 96.59 | 56.10 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 15410.23 | 7835.58 | -182.10 | 799.31 | -144.34 | 5287.80 | 96.87 | 54.92 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 15425.40 | 7835.15 | -197.26 | 799.48 | -147.71 | 5191.73 | 97.21 | 53.74 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 15443.72 | 7834.63 | -215.57 | 799.69 | -150.35 | 5096.63 | 97.60 | 52.54 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 15465.16 | 7834.02 | -237.00 | 799.93 | -152.43 | 5002.65 | 98.04 | 51.34 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 15478.00 | 7833.65 | -249.83 | 800.07 | -154.34 | 4909.94 | 98.36 | 50.21 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 15478.00 | 7833.65 | -249.83 | 800.07 | -156.20 | 4818.76 | 98.57 | 49.17 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 15478.00 | 7833.65 | -249.83 | 800.07 | -157.77 | 4729.34 | 98.80 | 48.15 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.09 | 4641.88 | 99.05 | 47.13 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4637.68 | 99.06 | 47.09 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #37C-3HZ AWB Offset Wellpath: GRENNYER #37C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|---|--------------------|----------------------|---------------------|--|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | | Slot: SLOT#08 GRENNYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) | | | | Well: GRENNYER #37C-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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4555.84 | 99.32 | 46.14 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4470.38 | 99.61 | 45.14 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4385.54 | 99.93 | 44.14 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4301.34 | 100.27 | 43.14 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4217.84 | 100.63 | 42.15 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4135.07 | 101.02 | 41.16 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 4053.07 | 101.44 | 40.18 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3971.90 | 101.88 | 39.21 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3891.61 | 102.34 | 38.24 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #37C-3HZ AWP Offset Wellpath: GRENNYER #37C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#08 GRENNYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) Well: GRENNYER #37C-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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3812.25 | 102.84 | 37.28 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3733.88 | 103.36 | 36.33 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3656.57 | 103.90 | 35.38 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3580.38 | 104.48 | 34.46 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3505.38 | 105.08 | 33.54 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3431.66 | 105.70 | 32.64 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3359.31 | 106.35 | 31.75 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3288.40 | 107.03 | 30.89 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3219.03 | 107.73 | 30.04 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3151.32 | 108.45 | 29.21 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3085.35 | 109.19 | 28.40 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 3021.26 | 109.95 | 27.62 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2959.16 | 110.73 | 26.86 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2899.18 | 111.52 | 26.13 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2841.46 | 112.32 | 25.42 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2786.12 | 113.13 | 24.75 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2733.33 | 113.94 | 24.11 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2683.23 | 114.74 | 23.50 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2635.97 | 115.54 | 22.92 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2591.71 | 116.33 | 22.39 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2550.60 | 117.10 | 21.89 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2512.81 | 117.84 | 21.42 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2478.47 | 118.56 | 21.00 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2447.74 | 119.24 | 20.62 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2420.75 | 119.87 | 20.29 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2397.64 | 120.47 | 19.99 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2378.50 | 121.01 | 19.75 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2363.45 | 121.50 | 19.54 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2352.55 | 121.94 | 19.38 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2345.87 | 122.32 | 19.27 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2343.45 | 122.64 | 19.19 | PASS |
| 7318.50† | 6924.32 | -1756.24 | -747.69 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2343.44 | 122.65 | 19.19 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2345.28 | 122.91 | 19.17 | PASS |
| 7428.70† | 7024.67 | -1798.16 | -765.54 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2345.82 | 122.94 | 19.17 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2351.38 | 123.12 | 19.18 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2361.69 | 123.29 | 19.24 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENEMYER #37C-3HZ AWB Offset Wellpath: GRENEMYER #37C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---------------------------|--|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | | Slot: SLOT#08 GRENEMYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) | | | | Well: GRENEMYER #37C-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 |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2376.17 | 123.41 | 19.34 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2394.75 | 123.48 | 19.48 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2417.32 | 123.53 | 19.66 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 15478.00 | 7833.65 | -249.83 | 800.07 | -159.15 | 2421.90 | 123.53 | 19.69 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 15478.00 | 7833.65 | -249.83 | 800.07 | -151.35 | 2447.56 | 123.52 | 19.90 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 15478.00 | 7833.65 | -249.83 | 800.07 | -143.51 | 2491.85 | 123.50 | 20.27 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 15478.00 | 7833.65 | -249.83 | 800.07 | -135.54 | 2548.35 | 123.34 | 20.75 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 15478.00 | 7833.65 | -249.83 | 800.07 | -126.31 | 2614.61 | 122.98 | 21.36 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 15478.00 | 7833.65 | -249.83 | 800.07 | -115.26 | 2687.99 | 122.45 | 22.05 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNYER #37C-3HZ AWP Offset Wellpath: GRENNYER #37C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#08 GRENNYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) Well: GRENNYER #37C-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 |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 15478.00 | 7833.65 | -249.83 | 800.07 | -102.56 | 2765.77 | 121.80 | 22.81 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 2841.61 | 121.11 | 23.57 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 2845.34 | 121.08 | 23.61 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 2925.68 | 120.36 | 24.42 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3007.19 | 119.69 | 25.24 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3089.79 | 119.05 | 26.08 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3173.39 | 118.45 | 26.92 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3257.92 | 117.88 | 27.77 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3343.30 | 117.34 | 28.63 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3429.47 | 116.84 | 29.49 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3516.37 | 116.36 | 30.37 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3603.95 | 115.92 | 31.24 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3692.16 | 115.50 | 32.12 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3780.96 | 115.11 | 33.01 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3870.31 | 114.74 | 33.90 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 3960.16 | 114.39 | 34.79 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4050.50 | 114.07 | 35.69 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4141.27 | 113.76 | 36.59 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4232.46 | 113.48 | 37.49 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4324.04 | 113.21 | 38.39 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4415.99 | 112.96 | 39.29 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4508.28 | 112.73 | 40.19 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4600.89 | 112.51 | 41.10 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4693.80 | 112.31 | 42.01 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4787.00 | 112.12 | 42.91 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4880.47 | 111.95 | 43.82 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 4974.20 | 111.79 | 44.73 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5068.16 | 111.63 | 45.63 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5162.35 | 111.49 | 46.54 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5256.75 | 111.36 | 47.45 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5351.36 | 111.24 | 48.35 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5446.16 | 111.13 | 49.26 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5541.14 | 111.03 | 50.16 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5636.30 | 110.94 | 51.07 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5731.62 | 110.86 | 51.97 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5827.10 | 110.78 | 52.87 | PASS |

| CLEARANCE DATA - Offset Wellbore: GRENNYER #37C-3HZ AWB Offset Wellpath: GRENNYER #37C-3HZ AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|----------------------|-------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#08 GRENNYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) | | | | Well: GRENNYER #37C-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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 5922.73 | 110.71 | 53.78 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6018.50 | 110.65 | 54.68 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6114.40 | 110.59 | 55.58 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6210.44 | 110.54 | 56.47 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6306.60 | 110.50 | 57.37 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6402.87 | 110.46 | 58.27 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6499.26 | 110.43 | 59.16 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6595.76 | 110.40 | 60.05 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6692.35 | 110.38 | 60.94 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: GRENNEMYER #37C-3HZ AWP Offset Wellpath: GRENNEMYER #37C-3HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#08 GRENNEMYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) Well: GRENNEMYER #37C-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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6789.05 | 110.37 | 61.83 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 15478.00 | 7833.65 | -249.83 | 800.07 | -89.96 | 6843.11 | 109.78 | 62.34 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: GRENNEMYER #37C-3HZ AWP Offset Wellpath: GRENNEMYER #37C-3HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: GRENNEMYER #37C-3HZ AWP Offset Wellpath: GRENNEMYER #37C-3HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1094.00 | 1078.00 | 58.00 | 1135.99 | 4710.11 | 640.89 | 4709.56 | 640.92 |
| 9.625in Casing Surface | 16.00 | 1094.00 | 1078.00 | 58.00 | 1135.99 | 4710.11 | 640.89 | 4709.56 | 640.92 |
| 8.75in Open Hole | 1094.00 | 8184.00 | 7090.00 | 1135.99 | 7831.04 | 4709.56 | 640.92 | 4501.45 | 564.01 |
| 7in Casing Intermediate | 16.00 | 8174.00 | 8158.00 | 58.00 | 7830.58 | 4710.11 | 640.89 | 4504.49 | 563.99 |
| 6.125in Open Hole | 8184.00 | 15478.00 | 7294.00 | 7831.04 | 7833.65 | 4501.45 | 564.01 | 2278.91 | 564.36 |

WELLPATH COMPOSITION - Offset Wellbore: GRENNEMYER #37C-3HZ AWP Offset Wellpath: GRENNEMYER #37C-3HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--------------------------------------|---|-------------------------|
| 16.00 | 1016.00 | Generic gyro - continuous (Standard) | MS ENERGY GYRO SURVEYS <116-1016> | GRENNEMYER #37C-3HZ AWP |
| 1016.00 | 8125.00 | NaviTrak (Magcorr,IFR) | BHI MWD+ IFR SURVEYS 8.75" HOLE <1115-8125> | GRENNEMYER #37C-3HZ AWP |
| 8125.00 | 15220.00 | NaviTrak (Magcorr,IFR) | BHI MWD+ IFR SURVEYS 6.125" HOLE <8187-15220> | GRENNEMYER #37C-3HZ AWP |
| 15220.00 | 15478.00 | Blind Drilling (std) | Projection to bit | GRENNEMYER #37C-3HZ AWP |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: GRENNEMYER #37C-3HZ AWP Offset Wellpath: GRENNEMYER #37C-3HZ AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#08 GRENNEMYER #37C-3HZ (522'FNL & 676'FEL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) Well: SELTZER FARMS A #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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 19.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 25.57 | 104.90 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 81.00 | 116.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 61.94 | 42.30 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 181.00 | 216.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 63.97 | 40.94 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 281.00 | 316.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 65.83 | 39.66 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 381.00 | 416.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 67.87 | 38.46 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 481.00 | 516.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 69.91 | 37.32 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 581.00 | 616.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 71.96 | 36.25 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 681.00 | 716.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 74.01 | 35.23 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 781.00 | 816.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 75.86 | 34.27 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 881.00 | 916.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 77.91 | 33.36 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 981.00 | 1016.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 79.98 | 32.50 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1081.00 | 1116.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 82.04 | 31.67 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1181.00 | 1216.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 84.11 | 30.89 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1281.00 | 1316.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 86.19 | 30.14 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1381.00 | 1416.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 88.27 | 29.42 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1481.00 | 1516.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 90.35 | 28.74 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1581.00 | 1616.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 92.43 | 28.09 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1681.00 | 1716.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 94.52 | 27.47 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1781.00 | 1816.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 96.62 | 26.87 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1881.00 | 1916.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 98.71 | 26.29 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1981.00 | 2016.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 100.82 | 25.74 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2065.00 | 2100.00 | 2320.17 | -1132.44 | -26.02 | 2581.78 | 102.58 | 25.30 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2081.00 | 2116.00 | 2320.17 | -1132.44 | 130.92 | 2581.81 | 102.92 | 25.21 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2180.97 | 2215.97 | 2320.17 | -1132.44 | 130.94 | 2583.32 | 105.03 | 24.72 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2280.80 | 2315.80 | 2320.17 | -1132.44 | 130.98 | 2587.12 | 107.17 | 24.26 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2380.36 | 2415.36 | 2320.17 | -1132.44 | 131.04 | 2593.22 | 109.30 | 23.84 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2479.54 | 2514.54 | 2320.17 | -1132.44 | 131.12 | 2601.63 | 111.44 | 23.46 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2578.21 | 2613.21 | 2320.17 | -1132.44 | 131.23 | 2612.37 | 113.57 | 23.11 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2676.26 | 2711.26 | 2320.17 | -1132.44 | 131.35 | 2625.47 | 115.71 | 22.79 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2773.57 | 2808.57 | 2320.17 | -1132.44 | 131.48 | 2640.94 | 117.85 | 22.51 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2870.01 | 2905.01 | 2320.17 | -1132.44 | 131.63 | 2658.82 | 119.99 | 22.25 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2965.47 | 3000.47 | 2320.17 | -1132.44 | 131.79 | 2679.14 | 122.14 | 22.03 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3059.84 | 3094.84 | 2320.17 | -1132.44 | 131.95 | 2701.92 | 124.29 | 21.83 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3152.99 | 3187.99 | 2320.17 | -1132.44 | 132.11 | 2727.20 | 126.45 | 21.66 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3244.81 | 3279.81 | 2320.17 | -1132.44 | 132.26 | 2755.01 | 128.63 | 21.50 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3249.25 | 3284.25 | 2320.17 | -1132.44 | 132.27 | 2756.43 | 128.73 | 21.50 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|--------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) | | | | Well: SELTZER FARMS A #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3335.87 | 3370.87 | 2320.17 | -1132.44 | 132.84 | 2784.35 | 130.79 | 21.37 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3426.93 | 3461.93 | 2320.17 | -1132.44 | 133.43 | 2814.00 | 132.98 | 21.24 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3517.98 | 3552.98 | 2320.17 | -1132.44 | 134.01 | 2843.94 | 135.19 | 21.12 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3609.04 | 3644.04 | 2320.17 | -1132.44 | 134.57 | 2874.16 | 137.41 | 20.99 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3700.09 | 3735.09 | 2320.17 | -1132.44 | 135.13 | 2904.65 | 139.66 | 20.88 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3791.15 | 3826.15 | 2320.17 | -1132.44 | 135.67 | 2935.41 | 141.92 | 20.76 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3882.21 | 3917.21 | 2320.17 | -1132.44 | 136.21 | 2966.42 | 144.19 | 20.65 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3973.26 | 4008.26 | 2320.17 | -1132.44 | 136.73 | 2997.69 | 146.48 | 20.54 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4064.32 | 4099.32 | 2320.17 | -1132.44 | 137.25 | 3029.20 | 148.78 | 20.43 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) Well: SELTZER FARMS A #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4155.37 | 4190.37 | 2320.17 | -1132.44 | 137.75 | 3060.94 | 151.09 | 20.33 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4246.43 | 4281.43 | 2320.17 | -1132.44 | 138.25 | 3092.90 | 153.40 | 20.23 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4337.48 | 4372.48 | 2320.17 | -1132.44 | 138.73 | 3125.09 | 155.73 | 20.13 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4428.54 | 4463.54 | 2320.17 | -1132.44 | 139.21 | 3157.49 | 158.06 | 20.04 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4519.60 | 4554.60 | 2320.17 | -1132.44 | 139.68 | 3190.10 | 160.39 | 19.95 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4610.65 | 4645.65 | 2320.17 | -1132.44 | 140.14 | 3222.91 | 162.73 | 19.87 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4701.71 | 4736.71 | 2320.17 | -1132.44 | 140.59 | 3255.91 | 165.08 | 19.79 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4792.76 | 4827.76 | 2320.17 | -1132.44 | 141.03 | 3289.10 | 167.43 | 19.71 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4883.82 | 4918.82 | 2320.17 | -1132.44 | 141.46 | 3322.47 | 169.78 | 19.63 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4974.88 | 5009.88 | 2320.17 | -1132.44 | 141.89 | 3356.02 | 172.13 | 19.56 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5065.93 | 5100.93 | 2320.17 | -1132.44 | 142.30 | 3389.74 | 174.49 | 19.48 | PASS |
| 5357.81† | 5139.00 | -1010.50 | -430.20 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3403.89 | 175.52 | 19.45 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3424.04 | 175.77 | 19.54 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3460.68 | 176.11 | 19.71 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3499.80 | 176.34 | 19.91 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3541.30 | 176.47 | 20.13 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3585.12 | 176.50 | 20.38 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3631.16 | 176.45 | 20.64 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3679.35 | 176.31 | 20.93 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3729.59 | 176.10 | 21.25 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3781.81 | 175.82 | 21.58 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3835.93 | 175.48 | 21.93 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3891.87 | 175.08 | 22.30 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 3949.54 | 174.64 | 22.69 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4008.88 | 174.15 | 23.09 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4069.82 | 173.63 | 23.52 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4132.27 | 173.07 | 23.95 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4196.18 | 172.49 | 24.41 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4261.48 | 171.89 | 24.87 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4328.10 | 171.26 | 25.35 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4395.99 | 170.62 | 25.85 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4465.08 | 169.97 | 26.36 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4535.33 | 169.31 | 26.88 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4606.68 | 168.65 | 27.41 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4679.07 | 167.98 | 27.95 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4752.47 | 167.31 | 28.50 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|--|-------------------|--------------------|----------------------|--------------------------|----------------------------|--|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) | | | | Well: SELTZER FARMS A #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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4826.82 | 166.65 | 29.06 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4902.09 | 165.99 | 29.63 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 142.47 | 4916.05 | 165.86 | 29.74 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 145.70 | 4981.66 | 165.44 | 30.21 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 143.75 | 5070.58 | 165.26 | 30.79 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 130.91 | 5165.92 | 165.27 | 31.37 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 81.26 | 5264.50 | 165.42 | 31.93 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 26.72 | 5363.24 | 165.76 | 32.47 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 10.40 | 5459.22 | 166.31 | 32.94 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) Well: SELTZER FARMS A #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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 5545.65 | 167.03 | 33.31 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 5549.74 | 167.06 | 33.33 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 5637.28 | 167.78 | 33.71 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 5725.23 | 168.47 | 34.10 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 5813.57 | 169.14 | 34.49 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 5902.28 | 169.78 | 34.88 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 5991.35 | 170.40 | 35.28 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6080.76 | 171.00 | 35.68 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6170.49 | 171.58 | 36.08 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6260.53 | 172.14 | 36.49 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6350.87 | 172.68 | 36.90 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6441.50 | 173.20 | 37.31 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6532.40 | 173.71 | 37.73 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6623.56 | 174.20 | 38.15 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6714.98 | 174.68 | 38.57 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6806.63 | 175.14 | 38.99 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6898.52 | 175.59 | 39.42 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 6990.63 | 176.03 | 39.84 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7082.95 | 176.45 | 40.27 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7175.48 | 176.86 | 40.70 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7268.21 | 177.26 | 41.13 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7361.13 | 177.65 | 41.57 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7454.23 | 178.03 | 42.00 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7547.51 | 178.41 | 42.44 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7640.95 | 178.77 | 42.88 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7734.57 | 179.12 | 43.32 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7828.34 | 179.47 | 43.76 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 7922.26 | 179.81 | 44.20 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8016.33 | 180.14 | 44.64 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8110.54 | 180.46 | 45.09 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8204.89 | 180.77 | 45.53 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8299.37 | 181.08 | 45.98 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8393.98 | 181.39 | 46.42 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8488.71 | 181.68 | 46.87 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8583.56 | 181.98 | 47.32 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8678.53 | 182.26 | 47.77 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|--------------------------|----------------------------|---------------------------|---------------------|---------------------------------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) | | | | Well: SELTZER FARMS A #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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8773.61 | 182.54 | 48.21 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8868.79 | 182.82 | 48.66 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 8964.08 | 183.09 | 49.11 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 9059.48 | 183.36 | 49.56 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 9154.97 | 183.62 | 50.01 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 9250.56 | 183.88 | 50.46 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 9346.24 | 184.13 | 50.92 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 9442.01 | 184.38 | 51.37 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 9537.86 | 184.63 | 51.82 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) Well: SELTZER FARMS A #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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5104.00 | 5139.00 | 2320.17 | -1132.44 | 4.30 | 9591.44 | 184.19 | 52.08 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #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 | 0.00 | 232.00 | 232.00 | 19.00 | 251.00 | 1414.39 | -690.31 | 1414.39 | -690.31 |
| 8.625in Casing Surface | 0.00 | 232.00 | 232.00 | 19.00 | 251.00 | 1414.39 | -690.31 | 1414.39 | -690.31 |
| 7.875in Open Hole | 232.00 | 5100.00 | 4868.00 | 251.00 | 5119.00 | 1414.39 | -690.31 | 1414.39 | -690.31 |
| 4.5in Casing Production | 0.00 | 5100.00 | 5100.00 | 19.00 | 5119.00 | 1414.39 | -690.31 | 1414.39 | -690.31 |

WELLPATH COMPOSITION - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|------------------------|
| 0.00 | 5104.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5104> | SELTZER FARMS A #1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SELTZER FARMS A #1 AWB Offset Wellpath: SELTZER FARMS A #1 AWP

| | |
|--|--|
| MD Reference: Rig on SLOT#03 EX SELTZER FARMS A #1 (660'FNL & 1960'FWL, SEC.03, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) Well: RIVERDALE FARMS #4 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 56.00 | -5651.51 | -1093.57 | -169.05 | 5756.48 | 25.56 | 233.95 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 44.00 | 116.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 61.19 | 95.50 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 144.00 | 216.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 63.22 | 92.39 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 244.00 | 316.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 65.08 | 89.47 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 344.00 | 416.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 67.12 | 86.72 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 444.00 | 516.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 69.17 | 84.13 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 544.00 | 616.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 71.21 | 81.68 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 644.00 | 716.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 73.27 | 79.37 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 744.00 | 816.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 75.11 | 77.18 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 844.00 | 916.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 77.17 | 75.11 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 944.00 | 1016.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 79.24 | 73.14 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1044.00 | 1116.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 81.31 | 71.27 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1144.00 | 1216.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 83.38 | 69.48 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1244.00 | 1316.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 85.45 | 67.79 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1344.00 | 1416.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 87.53 | 66.17 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1444.00 | 1516.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 89.62 | 64.62 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1544.00 | 1616.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 91.70 | 63.14 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1644.00 | 1716.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 93.79 | 61.72 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1744.00 | 1816.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 95.89 | 60.37 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1844.00 | 1916.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 97.99 | 59.07 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1944.00 | 2016.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 100.09 | 57.82 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2028.00 | 2100.00 | -5651.51 | -1093.57 | -169.05 | 5756.34 | 101.86 | 56.81 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2044.00 | 2116.00 | -5651.51 | -1093.57 | -12.11 | 5756.30 | 102.19 | 56.62 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2143.97 | 2215.97 | -5651.51 | -1093.57 | -12.12 | 5754.05 | 104.32 | 55.44 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2243.80 | 2315.80 | -5651.51 | -1093.57 | -12.16 | 5748.38 | 106.48 | 54.26 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2343.36 | 2415.36 | -5651.51 | -1093.57 | -12.22 | 5739.32 | 108.65 | 53.09 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2442.54 | 2514.54 | -5651.51 | -1093.57 | -12.30 | 5726.87 | 110.81 | 51.93 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2541.21 | 2613.21 | -5651.51 | -1093.57 | -12.40 | 5711.04 | 112.96 | 50.80 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2639.26 | 2711.26 | -5651.51 | -1093.57 | -12.53 | 5691.85 | 115.11 | 49.68 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2736.57 | 2808.57 | -5651.51 | -1093.57 | -12.68 | 5669.34 | 117.24 | 48.58 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2833.01 | 2905.01 | -5651.51 | -1093.57 | -12.86 | 5643.53 | 119.37 | 47.49 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2928.47 | 3000.47 | -5651.51 | -1093.57 | -13.06 | 5614.46 | 121.48 | 46.42 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3022.84 | 3094.84 | -5651.51 | -1093.57 | -13.29 | 5582.15 | 123.57 | 45.37 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3115.99 | 3187.99 | -5651.51 | -1093.57 | -13.56 | 5546.66 | 125.65 | 44.33 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3207.81 | 3279.81 | -5651.51 | -1093.57 | -13.85 | 5508.03 | 127.72 | 43.31 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3212.25 | 3284.25 | -5651.51 | -1093.57 | -13.87 | 5506.07 | 127.82 | 43.26 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP | | | | | | | | | | | | |
|---|-----------------|---|------------------|-------------------|--------------------|----------------------|--------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) | | | | | Well: RIVERDALE FARMS #4 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3298.87 | 3370.87 | -5651.51 | -1093.57 | -13.97 | 5467.71 | 129.73 | 42.32 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3389.93 | 3461.93 | -5651.51 | -1093.57 | -14.07 | 5427.40 | 131.75 | 41.36 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3480.98 | 3552.98 | -5651.51 | -1093.57 | -14.18 | 5387.11 | 133.78 | 40.43 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3572.04 | 3644.04 | -5651.51 | -1093.57 | -14.29 | 5346.83 | 135.82 | 39.52 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3663.09 | 3735.09 | -5651.51 | -1093.57 | -14.39 | 5306.57 | 137.88 | 38.63 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3754.15 | 3826.15 | -5651.51 | -1093.57 | -14.51 | 5266.32 | 139.95 | 37.77 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3845.21 | 3917.21 | -5651.51 | -1093.57 | -14.62 | 5226.10 | 142.02 | 36.93 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3936.26 | 4008.26 | -5651.51 | -1093.57 | -14.73 | 5185.89 | 144.11 | 36.12 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4027.32 | 4099.32 | -5651.51 | -1093.57 | -14.85 | 5145.69 | 146.21 | 35.32 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) Well: RIVERDALE FARMS #4 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4118.37 | 4190.37 | -5651.51 | -1093.57 | -14.97 | 5105.52 | 148.32 | 34.54 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4209.43 | 4281.43 | -5651.51 | -1093.57 | -15.09 | 5065.36 | 150.44 | 33.79 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4300.48 | 4372.48 | -5651.51 | -1093.57 | -15.21 | 5025.23 | 152.57 | 33.05 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4391.54 | 4463.54 | -5651.51 | -1093.57 | -15.33 | 4985.11 | 154.72 | 32.33 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4482.60 | 4554.60 | -5651.51 | -1093.57 | -15.46 | 4945.01 | 156.87 | 31.63 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4573.65 | 4645.65 | -5651.51 | -1093.57 | -15.59 | 4904.94 | 159.03 | 30.94 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4664.71 | 4736.71 | -5651.51 | -1093.57 | -15.72 | 4864.88 | 161.21 | 30.28 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4755.76 | 4827.76 | -5651.51 | -1093.57 | -15.85 | 4824.85 | 163.39 | 29.62 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4846.82 | 4918.82 | -5651.51 | -1093.57 | -15.98 | 4784.84 | 165.59 | 28.99 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4937.88 | 5009.88 | -5651.51 | -1093.57 | -16.12 | 4744.85 | 167.79 | 28.37 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5028.93 | 5100.93 | -5651.51 | -1093.57 | -16.26 | 4704.88 | 170.00 | 27.76 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4664.95 | 172.13 | 27.18 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4626.02 | 172.54 | 26.89 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4588.95 | 172.89 | 26.62 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4553.77 | 173.20 | 26.37 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4520.53 | 173.45 | 26.14 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4489.28 | 173.64 | 25.93 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4460.04 | 173.77 | 25.74 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4432.87 | 173.84 | 25.58 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4407.80 | 173.84 | 25.43 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4384.87 | 173.77 | 25.31 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4364.11 | 173.63 | 25.21 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4345.55 | 173.42 | 25.13 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4329.23 | 173.13 | 25.08 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4315.16 | 172.76 | 25.05 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4303.37 | 172.31 | 25.05 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4293.87 | 171.79 | 25.07 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4286.69 | 171.19 | 25.12 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4281.83 | 170.52 | 25.19 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4279.31 | 169.76 | 25.29 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4279.12 | 168.93 | 25.41 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4281.26 | 168.03 | 25.56 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4285.74 | 167.05 | 25.74 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4292.55 | 166.00 | 25.94 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4301.67 | 164.89 | 26.17 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4313.09 | 163.71 | 26.43 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP | | | | | | | | | | | | |
|---|-----------------|---|------------------|-------------------|--------------------|----------------------|--------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) | | | | | Well: RIVERDALE FARMS #4 | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4326.79 | 162.47 | 26.72 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -16.39 | 4329.56 | 162.24 | 26.77 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -10.69 | 4337.06 | 161.26 | 26.98 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -6.59 | 4332.71 | 160.48 | 27.09 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -3.92 | 4313.53 | 159.89 | 27.07 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -1.88 | 4279.93 | 159.20 | 26.97 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | -0.05 | 4232.58 | 158.44 | 26.80 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 1.92 | 4172.50 | 157.59 | 26.56 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 4104.56 | 156.73 | 26.28 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) Well: RIVERDALE FARMS #4 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 4100.99 | 156.69 | 26.26 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 4025.31 | 155.40 | 25.99 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3950.71 | 154.04 | 25.73 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3877.25 | 152.60 | 25.49 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3805.00 | 151.10 | 25.27 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3734.03 | 149.51 | 25.06 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3664.42 | 147.85 | 24.87 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3596.24 | 146.09 | 24.70 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3529.58 | 144.25 | 24.56 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3464.52 | 142.31 | 24.43 | PASS |
| 9565.97† | 7835.00 | -3475.49 | -903.66 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3432.64 | 175.36 | 19.63 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3401.16 | 140.27 | 24.34 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3339.59 | 138.13 | 24.27 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3279.91 | 135.89 | 24.23 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3222.24 | 133.54 | 24.22 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3166.67 | 131.09 | 24.25 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3113.32 | 128.53 | 24.32 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3062.31 | 125.86 | 24.43 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 3013.76 | 123.09 | 24.59 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2967.78 | 120.22 | 24.79 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2924.50 | 117.26 | 25.05 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2884.03 | 114.22 | 25.36 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2846.51 | 111.13 | 25.74 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2812.05 | 107.99 | 26.17 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2780.75 | 104.85 | 26.65 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2752.74 | 101.75 | 27.19 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2728.10 | 98.74 | 27.78 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2706.94 | 95.90 | 28.38 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2689.33 | 93.32 | 28.98 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2675.34 | 91.13 | 29.53 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2665.04 | 89.46 | 29.97 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2658.46 | 88.47 | 30.23 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2655.63 | 88.30 | 30.26 | PASS |
| 11741.00† | 7835.00 | -5650.50 | -893.96 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2655.51 | 88.39 | 30.22 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2656.57 | 88.99 | 30.03 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2661.27 | 90.52 | 29.57 | PASS |

| CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP | | | | | | | | | | | | |
|---|-----------------|---|------------------|-------------------|--------------------|----------------------|--------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | Slot: SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) | | | | | Well: RIVERDALE FARMS #4 | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2669.70 | 92.80 | 28.93 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2681.84 | 95.66 | 28.19 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2697.64 | 98.96 | 27.41 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2717.03 | 102.55 | 26.63 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2739.93 | 106.31 | 25.90 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2766.26 | 110.18 | 25.23 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2795.92 | 114.06 | 24.62 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2828.81 | 117.92 | 24.10 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2864.81 | 121.71 | 23.64 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) Well: RIVERDALE FARMS #4 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2903.81 | 125.42 | 23.25 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5115.00 | 5187.00 | -5651.51 | -1093.57 | 4.31 | 2926.85 | 127.08 | 23.06 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.25in Open Hole | 0.00 | 209.00 | 209.00 | 56.00 | 265.00 | -3445.15 | -666.72 | -3445.15 | -666.72 |
| 8.625in Casing Surface | 0.00 | 209.00 | 209.00 | 56.00 | 265.00 | -3445.15 | -666.72 | -3445.15 | -666.72 |
| 7.875in Open Hole | 209.00 | 5130.00 | 4921.00 | 265.00 | N/A | -3445.15 | -666.72 | N/A | N/A |
| 4.5in Casing Production | 0.00 | 5130.00 | 5130.00 | 56.00 | N/A | -3445.15 | -666.72 | N/A | N/A |

WELLPATH COMPOSITION - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|------------------------|
| 0.00 | 5115.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5115> | RIVERDALE FARMS #4 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: RIVERDALE FARMS #4 AWB Offset Wellpath: RIVERDALE FARMS #4 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#02 EX RIVERDALE FARMS #4 (1680'FSL & 1980'FWL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10.PA) Well: EHLER JOHN #5 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 MASH [ft] | Sep Ratio | ACR Status |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 37.00 | -6688.62 | -1253.09 | -169.39 | 6805.03 | 25.57 | 276.57 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 63.00 | 116.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 61.58 | 112.18 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 163.00 | 216.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 63.62 | 108.53 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 263.00 | 316.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 65.49 | 105.11 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 363.00 | 416.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 67.53 | 101.89 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 463.00 | 516.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 69.58 | 98.85 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 563.00 | 616.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 71.64 | 95.98 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 663.00 | 716.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 73.70 | 93.27 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 763.00 | 816.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 75.55 | 90.71 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 863.00 | 916.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 77.62 | 88.28 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 963.00 | 1016.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 79.69 | 85.97 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1063.00 | 1116.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 81.77 | 83.77 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1163.00 | 1216.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 83.85 | 81.68 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1263.00 | 1316.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 85.93 | 79.69 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1363.00 | 1416.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 88.01 | 77.79 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1463.00 | 1516.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 90.11 | 75.97 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1563.00 | 1616.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 92.20 | 74.24 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1663.00 | 1716.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 94.30 | 72.58 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1763.00 | 1816.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 96.40 | 70.99 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1863.00 | 1916.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 98.50 | 69.46 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1963.00 | 2016.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 100.61 | 68.00 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2047.00 | 2100.00 | -6688.62 | -1253.09 | -169.39 | 6804.99 | 102.39 | 66.81 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2063.00 | 2116.00 | -6688.62 | -1253.09 | -12.45 | 6804.95 | 102.73 | 66.59 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2162.97 | 2215.97 | -6688.62 | -1253.09 | -12.46 | 6802.70 | 104.86 | 65.21 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2262.80 | 2315.80 | -6688.62 | -1253.09 | -12.50 | 6797.05 | 107.03 | 63.82 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2362.36 | 2415.36 | -6688.62 | -1253.09 | -12.56 | 6787.99 | 109.20 | 62.47 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2461.54 | 2514.54 | -6688.62 | -1253.09 | -12.63 | 6775.55 | 111.37 | 61.13 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2560.21 | 2613.21 | -6688.62 | -1253.09 | -12.73 | 6759.75 | 113.53 | 59.82 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2658.26 | 2711.26 | -6688.62 | -1253.09 | -12.86 | 6740.59 | 115.68 | 58.54 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2755.57 | 2808.57 | -6688.62 | -1253.09 | -13.01 | 6718.10 | 117.82 | 57.28 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2852.01 | 2905.01 | -6688.62 | -1253.09 | -13.18 | 6692.32 | 119.96 | 56.04 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2947.47 | 3000.47 | -6688.62 | -1253.09 | -13.37 | 6663.28 | 122.07 | 54.82 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3041.84 | 3094.84 | -6688.62 | -1253.09 | -13.60 | 6631.01 | 124.18 | 53.63 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3134.99 | 3187.99 | -6688.62 | -1253.09 | -13.85 | 6595.57 | 126.26 | 52.46 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3226.81 | 3279.81 | -6688.62 | -1253.09 | -14.14 | 6556.98 | 128.33 | 51.31 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3231.25 | 3284.25 | -6688.62 | -1253.09 | -14.15 | 6555.02 | 128.43 | 51.25 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10,PA) | | | Well: EHLER JOHN #5 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3317.87 | 3370.87 | -6688.62 | -1253.09 | -14.24 | 6516.70 | 130.35 | 50.20 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3408.93 | 3461.93 | -6688.62 | -1253.09 | -14.33 | 6476.43 | 132.38 | 49.12 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3499.98 | 3552.98 | -6688.62 | -1253.09 | -14.42 | 6436.17 | 134.42 | 48.07 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3591.04 | 3644.04 | -6688.62 | -1253.09 | -14.51 | 6395.93 | 136.47 | 47.05 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3682.09 | 3735.09 | -6688.62 | -1253.09 | -14.60 | 6355.70 | 138.53 | 46.05 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3773.15 | 3826.15 | -6688.62 | -1253.09 | -14.70 | 6315.48 | 140.61 | 45.09 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3864.21 | 3917.21 | -6688.62 | -1253.09 | -14.79 | 6275.29 | 142.69 | 44.14 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3955.26 | 4008.26 | -6688.62 | -1253.09 | -14.89 | 6235.10 | 144.79 | 43.22 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4046.32 | 4099.32 | -6688.62 | -1253.09 | -14.99 | 6194.93 | 146.89 | 42.33 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10.PA) Well: EHLER JOHN #5 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4137.37 | 4190.37 | -6688.62 | -1253.09 | -15.09 | 6154.78 | 149.01 | 41.45 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4228.43 | 4281.43 | -6688.62 | -1253.09 | -15.19 | 6114.64 | 151.14 | 40.60 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4319.48 | 4372.48 | -6688.62 | -1253.09 | -15.29 | 6074.51 | 153.27 | 39.77 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4410.54 | 4463.54 | -6688.62 | -1253.09 | -15.39 | 6034.41 | 155.42 | 38.96 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4501.60 | 4554.60 | -6688.62 | -1253.09 | -15.49 | 5994.32 | 157.58 | 38.17 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4592.65 | 4645.65 | -6688.62 | -1253.09 | -15.60 | 5954.25 | 159.75 | 37.40 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4683.71 | 4736.71 | -6688.62 | -1253.09 | -15.71 | 5914.19 | 161.93 | 36.64 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4774.76 | 4827.76 | -6688.62 | -1253.09 | -15.82 | 5874.15 | 164.12 | 35.91 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4865.82 | 4918.82 | -6688.62 | -1253.09 | -15.93 | 5834.14 | 166.31 | 35.19 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4956.88 | 5009.88 | -6688.62 | -1253.09 | -16.04 | 5794.14 | 168.52 | 34.49 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5047.93 | 5100.93 | -6688.62 | -1253.09 | -16.15 | 5754.15 | 170.74 | 33.81 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5138.99 | 5191.99 | -6688.62 | -1253.09 | -16.26 | 5714.19 | 172.96 | 33.14 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5674.41 | 174.36 | 32.64 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5635.90 | 174.76 | 32.35 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5598.91 | 175.12 | 32.07 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5563.48 | 175.46 | 31.80 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5529.63 | 175.76 | 31.56 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5497.39 | 176.03 | 31.32 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5466.79 | 176.25 | 31.11 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5437.85 | 176.44 | 30.91 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5410.61 | 176.59 | 30.73 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5385.09 | 176.69 | 30.57 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5361.31 | 176.75 | 30.42 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5339.31 | 176.76 | 30.30 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5319.08 | 176.73 | 30.19 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5300.67 | 176.64 | 30.10 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5284.09 | 176.51 | 30.03 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5269.36 | 176.33 | 29.97 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5256.48 | 176.09 | 29.94 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5245.48 | 175.81 | 29.93 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5236.37 | 175.47 | 29.93 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5229.15 | 175.08 | 29.96 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5223.84 | 174.63 | 30.00 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5220.44 | 174.14 | 30.07 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5218.95 | 173.59 | 30.16 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5219.38 | 172.99 | 30.26 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | Slot: SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10,PA) | | | Well: EHLER JOHN #5 | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5221.73 | 172.34 | 30.39 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -16.33 | 5222.37 | 172.22 | 30.42 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -10.48 | 5220.25 | 171.75 | 30.49 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -6.17 | 5203.83 | 171.59 | 30.42 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -3.26 | 5172.52 | 171.60 | 30.23 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | -0.90 | 5127.02 | 171.52 | 29.98 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 1.43 | 5068.35 | 171.32 | 29.67 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 4.20 | 4997.86 | 171.02 | 29.31 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4921.22 | 170.64 | 28.93 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10,PA) Well: EHLER JOHN #5 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4917.25 | 170.63 | 28.91 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4832.91 | 169.95 | 28.53 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4749.18 | 169.24 | 28.15 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4666.09 | 168.51 | 27.78 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4583.68 | 167.74 | 27.41 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4501.98 | 166.94 | 27.05 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4421.03 | 166.09 | 26.70 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4340.88 | 165.22 | 26.36 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4261.56 | 164.30 | 26.02 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4183.14 | 163.33 | 25.69 | PASS |
| 9565.97† | 7835.00 | -3475.49 | -903.66 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4144.29 | 210.14 | 19.77 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4105.65 | 162.32 | 25.37 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 4029.15 | 161.27 | 25.07 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3953.70 | 160.16 | 24.77 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3879.36 | 158.99 | 24.48 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3806.19 | 157.77 | 24.20 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3734.28 | 156.49 | 23.94 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3663.67 | 155.15 | 23.69 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3594.47 | 153.74 | 23.46 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3526.74 | 152.25 | 23.24 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3460.58 | 150.70 | 23.04 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3396.07 | 149.06 | 22.86 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3333.32 | 147.35 | 22.70 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3272.41 | 145.55 | 22.56 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3213.47 | 143.67 | 22.45 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3156.59 | 141.69 | 22.36 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3101.90 | 139.63 | 22.30 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 3049.51 | 137.48 | 22.26 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2999.53 | 135.25 | 22.26 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2952.10 | 132.93 | 22.30 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2907.33 | 130.53 | 22.36 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2865.36 | 128.06 | 22.47 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2826.30 | 125.54 | 22.61 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2790.28 | 122.99 | 22.78 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2757.42 | 120.43 | 22.99 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2727.83 | 117.91 | 23.24 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10,PA) Well: EHLER JOHN #5 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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2701.62 | 115.46 | 23.50 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2678.89 | 113.16 | 23.78 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2659.73 | 111.09 | 24.05 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2644.21 | 109.35 | 24.30 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2632.40 | 108.06 | 24.48 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2624.36 | 107.34 | 24.57 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2620.10 | 107.29 | 24.54 | PASS |
| 12778.50† | 7835.00 | -6687.99 | -889.33 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2619.38 | 107.64 | 24.45 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2619.66 | 108.00 | 24.37 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10,PA) Well: EHLER JOHN #5 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2623.04 | 109.45 | 24.08 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5188.00 | 5241.00 | -6688.62 | -1253.09 | 7.98 | 2626.58 | 110.21 | 23.87 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 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 | 0.00 | 224.00 | 224.00 | 37.00 | 261.00 | -4077.37 | -763.99 | -4077.37 | -763.99 |
| 8.625in Casing Surface | 0.00 | 224.00 | 224.00 | 37.00 | 261.00 | -4077.37 | -763.99 | -4077.37 | -763.99 |
| 7.875in Open Hole | 224.00 | 5188.00 | 4964.00 | 261.00 | 5225.00 | -4077.37 | -763.99 | -4077.37 | -763.99 |
| 4.5in Casing Production | 0.00 | 5188.00 | 5188.00 | 37.00 | 5225.00 | -4077.37 | -763.99 | -4077.37 | -763.99 |

WELLPATH COMPOSITION - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-------------------|
| 0.00 | 5188.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5188> | EHLER JOHN #5 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: EHLER JOHN #5 AWB Offset Wellpath: EHLER JOHN #5 AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#01 EX EHLER JOHN #5 (640'FSL & 1830'FWL, SEC.10) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-2 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 50.00 | -5344.44 | 240.74 | 177.42 | 5349.97 | 25.56 | 217.43 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 50.00 | 116.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 61.31 | 88.58 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 150.00 | 216.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 63.34 | 85.70 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 250.00 | 316.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 65.20 | 83.00 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 350.00 | 416.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 67.23 | 80.46 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 450.00 | 516.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 69.27 | 78.06 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 550.00 | 616.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 71.32 | 75.80 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 650.00 | 716.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 73.37 | 73.66 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 750.00 | 816.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 75.21 | 71.64 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 850.00 | 916.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 77.27 | 69.72 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 950.00 | 1016.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 79.33 | 67.89 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1050.00 | 1116.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 81.40 | 66.16 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1150.00 | 1216.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 83.46 | 64.51 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1250.00 | 1316.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 85.54 | 62.94 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1350.00 | 1416.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 87.61 | 61.44 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1450.00 | 1516.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 89.69 | 60.00 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1550.00 | 1616.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 91.78 | 58.63 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1650.00 | 1716.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 93.87 | 57.32 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1750.00 | 1816.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 95.96 | 56.06 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1850.00 | 1916.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 98.05 | 54.86 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1950.00 | 2016.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 100.15 | 53.70 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2034.00 | 2100.00 | -5344.44 | 240.74 | 177.42 | 5349.86 | 101.92 | 52.77 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2050.00 | 2116.00 | -5344.44 | 240.74 | -25.64 | 5349.82 | 102.25 | 52.59 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2149.97 | 2215.97 | -5344.44 | 240.74 | -25.67 | 5347.74 | 104.37 | 51.50 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2249.80 | 2315.80 | -5344.44 | 240.74 | -25.74 | 5342.52 | 106.53 | 50.40 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2349.36 | 2415.36 | -5344.44 | 240.74 | -25.86 | 5334.17 | 108.68 | 49.32 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2448.54 | 2514.54 | -5344.44 | 240.74 | -26.02 | 5322.69 | 110.83 | 48.26 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2547.21 | 2613.21 | -5344.44 | 240.74 | -26.23 | 5308.12 | 112.98 | 47.21 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2645.26 | 2711.26 | -5344.44 | 240.74 | -26.48 | 5290.46 | 115.11 | 46.17 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2742.57 | 2808.57 | -5344.44 | 240.74 | -26.78 | 5269.75 | 117.25 | 45.15 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2839.01 | 2905.01 | -5344.44 | 240.74 | -27.13 | 5246.03 | 119.37 | 44.14 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2934.47 | 3000.47 | -5344.44 | 240.74 | -27.53 | 5219.34 | 121.49 | 43.15 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3028.84 | 3094.84 | -5344.44 | 240.74 | -27.99 | 5189.71 | 123.60 | 42.17 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3121.99 | 3187.99 | -5344.44 | 240.74 | -28.50 | 5157.19 | 125.71 | 41.20 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3213.81 | 3279.81 | -5344.44 | 240.74 | -29.08 | 5121.85 | 127.81 | 40.24 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3218.25 | 3284.25 | -5344.44 | 240.74 | -29.11 | 5120.06 | 127.91 | 40.19 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) | | Well: EHLER #10-2 | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3304.87 | 3370.87 | -5344.44 | 240.74 | -29.32 | 5085.02 | 129.88 | 39.31 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3395.93 | 3461.93 | -5344.44 | 240.74 | -29.54 | 5048.24 | 131.96 | 38.41 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3486.98 | 3552.98 | -5344.44 | 240.74 | -29.77 | 5011.55 | 134.07 | 37.53 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3578.04 | 3644.04 | -5344.44 | 240.74 | -30.00 | 4974.92 | 136.20 | 36.67 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3669.09 | 3735.09 | -5344.44 | 240.74 | -30.24 | 4938.37 | 138.34 | 35.83 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3760.15 | 3826.15 | -5344.44 | 240.74 | -30.47 | 4901.89 | 140.51 | 35.02 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3851.21 | 3917.21 | -5344.44 | 240.74 | -30.71 | 4865.49 | 142.70 | 34.22 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3942.26 | 4008.26 | -5344.44 | 240.74 | -30.96 | 4829.17 | 144.91 | 33.45 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4033.32 | 4099.32 | -5344.44 | 240.74 | -31.21 | 4792.93 | 147.15 | 32.69 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-2 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4124.37 | 4190.37 | -5344.44 | 240.74 | -31.46 | 4756.78 | 149.40 | 31.95 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4215.43 | 4281.43 | -5344.44 | 240.74 | -31.72 | 4720.71 | 151.67 | 31.23 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4306.48 | 4372.48 | -5344.44 | 240.74 | -31.97 | 4684.73 | 153.96 | 30.53 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4397.54 | 4463.54 | -5344.44 | 240.74 | -32.24 | 4648.83 | 156.28 | 29.85 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4488.60 | 4554.60 | -5344.44 | 240.74 | -32.50 | 4613.03 | 158.61 | 29.18 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4579.65 | 4645.65 | -5344.44 | 240.74 | -32.78 | 4577.32 | 160.96 | 28.53 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4670.71 | 4736.71 | -5344.44 | 240.74 | -33.05 | 4541.71 | 163.33 | 27.90 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4761.76 | 4827.76 | -5344.44 | 240.74 | -33.33 | 4506.19 | 165.73 | 27.28 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4852.82 | 4918.82 | -5344.44 | 240.74 | -33.61 | 4470.78 | 168.14 | 26.67 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4943.88 | 5009.88 | -5344.44 | 240.74 | -33.90 | 4435.47 | 170.57 | 26.08 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5034.93 | 5100.93 | -5344.44 | 240.74 | -34.19 | 4400.26 | 173.02 | 25.51 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4365.35 | 174.71 | 25.07 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4332.18 | 175.33 | 24.79 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4301.08 | 175.90 | 24.53 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4272.09 | 176.41 | 24.29 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4245.27 | 176.86 | 24.08 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4220.64 | 177.25 | 23.89 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4198.25 | 177.57 | 23.72 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4178.13 | 177.82 | 23.57 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4160.32 | 177.99 | 23.45 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4144.85 | 178.08 | 23.35 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4131.74 | 178.10 | 23.27 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4121.02 | 178.03 | 23.22 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4112.70 | 177.89 | 23.19 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4106.80 | 177.66 | 23.19 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4103.33 | 177.34 | 23.21 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4102.29 | 176.94 | 23.26 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4103.69 | 176.46 | 23.33 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4107.53 | 175.90 | 23.43 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4113.80 | 175.25 | 23.55 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4122.48 | 174.53 | 23.70 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4133.56 | 173.73 | 23.87 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4147.03 | 172.86 | 24.07 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4162.85 | 171.93 | 24.29 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4181.01 | 170.92 | 24.54 | PASS |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4201.47 | 169.85 | 24.82 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) | | | Well: EHLER #10-2 | | 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 |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4224.20 | 168.73 | 25.12 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -34.35 | 4228.63 | 168.52 | 25.18 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -28.30 | 4243.56 | 167.66 | 25.40 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -24.19 | 4248.43 | 167.05 | 25.52 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -21.98 | 4238.43 | 166.69 | 25.51 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -20.94 | 4213.76 | 166.35 | 25.42 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -20.77 | 4174.93 | 166.03 | 25.23 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -21.43 | 4122.72 | 165.74 | 24.96 | PASS |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 4061.52 | 165.49 | 24.63 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-2 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 |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 4058.26 | 165.48 | 24.61 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3989.32 | 164.89 | 24.28 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3921.72 | 164.25 | 23.96 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3855.53 | 163.58 | 23.65 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3790.82 | 162.86 | 23.36 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3727.67 | 162.10 | 23.08 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3666.15 | 161.28 | 22.81 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3606.37 | 160.42 | 22.56 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3548.39 | 159.51 | 22.32 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3492.32 | 158.54 | 22.11 | PASS |
| 9565.80† | 7835.00 | -3475.32 | -903.67 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3465.13 | 173.13 | 20.08 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3438.24 | 157.53 | 21.90 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3386.25 | 156.46 | 21.72 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3336.45 | 155.35 | 21.55 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3288.93 | 154.20 | 21.41 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3243.81 | 153.01 | 21.28 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3201.17 | 151.79 | 21.17 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3161.12 | 150.56 | 21.07 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3123.76 | 149.31 | 21.00 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3089.19 | 148.08 | 20.94 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3057.49 | 146.87 | 20.90 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3028.77 | 145.70 | 20.87 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3003.11 | 144.61 | 20.85 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2980.58 | 143.61 | 20.83 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2961.26 | 142.74 | 20.83 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2945.21 | 142.02 | 20.82 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2932.48 | 141.47 | 20.81 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2923.12 | 141.13 | 20.79 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2917.16 | 141.00 | 20.77 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2914.63 | 141.11 | 20.74 | PASS |
| 11441.00† | 7835.00 | -5350.50 | -895.30 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2914.53 | 141.18 | 20.73 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2915.52 | 141.46 | 20.69 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2919.84 | 142.04 | 20.64 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2927.57 | 142.85 | 20.57 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2938.68 | 143.86 | 20.51 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2953.14 | 145.05 | 20.44 | PASS |

| CLEARANCE DATA - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|------------------|--|--------------------|----------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.10-T01S-R67W | | | | Slot: SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) | | Well: EHLER #10-2 | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2970.90 | 146.40 | 20.37 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 2991.89 | 147.87 | 20.31 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3016.06 | 149.44 | 20.26 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3043.33 | 151.08 | 20.22 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3073.60 | 152.77 | 20.19 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3106.80 | 154.48 | 20.18 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3142.84 | 156.18 | 20.19 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3181.61 | 157.87 | 20.22 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3223.01 | 159.54 | 20.27 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP

| Facility: SEC.10-T01S-R67W Slot: SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) Well: EHLER #10-2 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3266.96 | 161.16 | 20.34 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5085.00 | 5151.00 | -5344.44 | 240.74 | -22.94 | 3292.57 | 161.46 | 20.39 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 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 | 0.00 | 221.00 | 221.00 | 50.00 | 271.00 | -3257.97 | 146.77 | -3257.97 | 146.77 |
| 8.625in Casing Surface | 0.00 | 221.00 | 221.00 | 50.00 | 271.00 | -3257.97 | 146.77 | -3257.97 | 146.77 |
| 7.875in Open Hole | 221.00 | 5081.00 | 4860.00 | 271.00 | 5131.00 | -3257.97 | 146.77 | -3257.97 | 146.77 |
| 4.5in Casing Production | 0.00 | 5081.00 | 5081.00 | 50.00 | 5131.00 | -3257.97 | 146.77 | -3257.97 | 146.77 |

WELLPATH COMPOSITION - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-----------------|
| 0.00 | 5085.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE COGCC <5085> | EHLER #10-2 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: EHLER #10-2 AWB Offset Wellpath: EHLER #10-2 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#05 EX EHLER #10-2 (1980'FSL & 1980'FEL, SEC.10, PA) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) Well: JOHN WEIGANDT B#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 |
| 16.00 | 16.00 | 0.00 | 0.00 | -16.00 | 35.00 | 2440.72 | 95.26 | 2.24 | 2442.65 | 25.56 | 99.25 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 65.00 | 116.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 61.63 | 40.22 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 165.00 | 216.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 63.66 | 38.92 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 265.00 | 316.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 65.70 | 37.70 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 365.00 | 416.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 67.56 | 36.55 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 465.00 | 516.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 69.60 | 35.46 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 565.00 | 616.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 71.65 | 34.44 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 665.00 | 716.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 73.70 | 33.47 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 765.00 | 816.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 75.55 | 32.56 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 865.00 | 916.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 77.60 | 31.69 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 965.00 | 1016.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 79.67 | 30.86 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1065.00 | 1116.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 81.73 | 30.08 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1165.00 | 1216.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 83.80 | 29.33 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1265.00 | 1316.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 85.87 | 28.62 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1365.00 | 1416.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 87.95 | 27.94 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1465.00 | 1516.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 90.03 | 27.29 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1565.00 | 1616.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 92.12 | 26.67 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1665.00 | 1716.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 94.21 | 26.07 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1765.00 | 1816.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 96.30 | 25.50 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1865.00 | 1916.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 98.40 | 24.96 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 1965.00 | 2016.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 100.50 | 24.43 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2049.00 | 2100.00 | 2440.72 | 95.26 | 2.24 | 2442.58 | 102.26 | 24.01 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2065.00 | 2116.00 | 2440.72 | 95.26 | 159.17 | 2442.62 | 102.60 | 23.93 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2164.97 | 2215.97 | 2440.72 | 95.26 | 159.18 | 2444.77 | 104.72 | 23.46 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2264.80 | 2315.80 | 2440.72 | 95.26 | 159.19 | 2450.19 | 106.88 | 23.04 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2364.36 | 2415.36 | 2440.72 | 95.26 | 159.20 | 2458.86 | 109.04 | 22.66 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2463.54 | 2514.54 | 2440.72 | 95.26 | 159.22 | 2470.78 | 111.19 | 22.32 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2562.21 | 2613.21 | 2440.72 | 95.26 | 159.25 | 2485.95 | 113.34 | 22.03 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2660.26 | 2711.26 | 2440.72 | 95.26 | 159.27 | 2504.35 | 115.48 | 21.78 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2757.57 | 2808.57 | 2440.72 | 95.26 | 159.30 | 2525.97 | 117.62 | 21.57 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2854.01 | 2905.01 | 2440.72 | 95.26 | 159.33 | 2550.80 | 119.74 | 21.39 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2949.47 | 3000.47 | 2440.72 | 95.26 | 159.36 | 2578.81 | 121.86 | 21.25 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3043.84 | 3094.84 | 2440.72 | 95.26 | 159.38 | 2609.98 | 123.96 | 21.14 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3136.99 | 3187.99 | 2440.72 | 95.26 | 159.40 | 2644.29 | 126.05 | 21.06 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3228.81 | 3279.81 | 2440.72 | 95.26 | 159.41 | 2681.71 | 128.12 | 21.02 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3233.25 | 3284.25 | 2440.72 | 95.26 | 159.41 | 2683.61 | 128.23 | 21.01 | PASS |

| CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|-------------------------|----------------------------|---|---------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) | | | | Well: JOHN WEIGANDT B#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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3319.87 | 3370.87 | 2440.72 | 95.26 | 159.70 | 2720.85 | 130.15 | 20.99 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3410.93 | 3461.93 | 2440.72 | 95.26 | 160.00 | 2760.06 | 132.19 | 20.96 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3501.98 | 3552.98 | 2440.72 | 95.26 | 160.28 | 2799.33 | 134.24 | 20.93 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3593.04 | 3644.04 | 2440.72 | 95.26 | 160.56 | 2838.66 | 136.29 | 20.91 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3684.09 | 3735.09 | 2440.72 | 95.26 | 160.83 | 2878.04 | 138.36 | 20.88 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3775.15 | 3826.15 | 2440.72 | 95.26 | 161.10 | 2917.48 | 140.44 | 20.85 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3866.21 | 3917.21 | 2440.72 | 95.26 | 161.35 | 2956.97 | 142.52 | 20.82 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3957.26 | 4008.26 | 2440.72 | 95.26 | 161.61 | 2996.51 | 144.62 | 20.79 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4048.32 | 4099.32 | 2440.72 | 95.26 | 161.85 | 3036.10 | 146.72 | 20.77 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) Well: JOHN WEIGANDT B#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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4139.37 | 4190.37 | 2440.72 | 95.26 | 162.09 | 3075.73 | 148.83 | 20.74 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4230.43 | 4281.43 | 2440.72 | 95.26 | 162.32 | 3115.41 | 150.95 | 20.71 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4321.48 | 4372.48 | 2440.72 | 95.26 | 162.55 | 3155.13 | 153.08 | 20.68 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4412.54 | 4463.54 | 2440.72 | 95.26 | 162.77 | 3194.89 | 155.21 | 20.65 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4503.60 | 4554.60 | 2440.72 | 95.26 | 162.98 | 3234.69 | 157.35 | 20.63 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4594.65 | 4645.65 | 2440.72 | 95.26 | 163.19 | 3274.53 | 159.49 | 20.60 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4685.71 | 4736.71 | 2440.72 | 95.26 | 163.40 | 3314.41 | 161.64 | 20.57 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4776.76 | 4827.76 | 2440.72 | 95.26 | 163.60 | 3354.32 | 163.80 | 20.54 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4867.82 | 4918.82 | 2440.72 | 95.26 | 163.79 | 3394.26 | 165.96 | 20.52 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4958.88 | 5009.88 | 2440.72 | 95.26 | 163.99 | 3434.24 | 168.13 | 20.49 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5049.93 | 5100.93 | 2440.72 | 95.26 | 164.17 | 3474.25 | 170.30 | 20.46 | PASS |
| 5370.99† | 5151.00 | -1015.51 | -432.34 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3496.27 | 171.54 | 20.45 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3514.53 | 171.65 | 20.54 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3556.82 | 171.83 | 20.77 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3601.38 | 171.91 | 21.02 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3648.14 | 171.89 | 21.29 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3697.02 | 171.80 | 21.59 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3747.93 | 171.62 | 21.91 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3800.78 | 171.38 | 22.25 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3855.51 | 171.08 | 22.61 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3912.03 | 170.72 | 22.99 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 3970.26 | 170.32 | 23.39 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4030.13 | 169.86 | 23.80 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4091.57 | 169.38 | 24.24 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4154.51 | 168.85 | 24.69 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4218.88 | 168.30 | 25.15 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4284.62 | 167.73 | 25.63 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4351.66 | 167.14 | 26.12 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4419.95 | 166.53 | 26.63 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4489.43 | 165.91 | 27.15 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4560.04 | 165.28 | 27.68 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4631.74 | 164.64 | 28.23 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4704.46 | 164.01 | 28.78 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4778.18 | 163.37 | 29.35 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4852.83 | 162.73 | 29.93 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 4928.39 | 162.09 | 30.51 | PASS |

| CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|-------------------------|----------------------------|---------------------------|---------------------|---------------------------------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) | | | | Well: JOHN WEIGANDT B#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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 5004.80 | 161.46 | 31.10 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 5082.03 | 160.84 | 31.71 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 164.27 | 5096.34 | 160.73 | 31.82 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5100.00 | 5151.00 | 2440.72 | 95.26 | 172.29 | 5163.37 | 160.33 | 32.32 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -178.38 | 5253.67 | 160.11 | 32.93 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -160.86 | 5349.96 | 160.03 | 33.55 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -92.38 | 5449.08 | 160.05 | 34.17 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -38.08 | 5547.96 | 160.20 | 34.75 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -25.50 | 5643.68 | 160.53 | 35.28 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) Well: JOHN WEIGANDT B#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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 5729.52 | 161.04 | 35.70 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 5733.57 | 161.06 | 35.72 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 5820.32 | 161.52 | 36.16 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 5907.50 | 161.96 | 36.60 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 5995.07 | 162.39 | 37.05 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6083.03 | 162.81 | 37.49 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6171.35 | 163.22 | 37.94 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6260.02 | 163.62 | 38.39 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6349.03 | 164.01 | 38.85 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6438.37 | 164.38 | 39.30 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6528.01 | 164.76 | 39.76 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6617.95 | 165.12 | 40.22 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6708.17 | 165.47 | 40.68 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6798.67 | 165.82 | 41.14 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6889.43 | 166.16 | 41.61 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 6980.45 | 166.49 | 42.07 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7071.70 | 166.81 | 42.54 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7163.19 | 167.13 | 43.01 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7254.91 | 167.45 | 43.47 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7346.84 | 167.75 | 43.94 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7438.98 | 168.06 | 44.42 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7531.32 | 168.35 | 44.89 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7623.85 | 168.64 | 45.36 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7716.57 | 168.93 | 45.83 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7809.47 | 169.21 | 46.31 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7902.54 | 169.49 | 46.78 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 7995.78 | 169.77 | 47.26 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8089.18 | 170.04 | 47.73 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8182.73 | 170.30 | 48.21 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8276.44 | 170.57 | 48.69 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8370.29 | 170.83 | 49.16 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8464.29 | 171.08 | 49.64 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8558.42 | 171.34 | 50.12 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8652.68 | 171.59 | 50.60 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8747.07 | 171.83 | 51.07 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8841.58 | 172.08 | 51.55 | PASS |

| CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|---|-------------------|--------------------|----------------------|-------------------------|----------------------------|---------------------------|---------------------|---------------------------------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) | | | | Well: JOHN WEIGANDT B#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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 8936.21 | 172.32 | 52.03 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9030.96 | 172.56 | 52.51 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9125.82 | 172.80 | 52.99 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9220.79 | 173.03 | 53.47 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9315.86 | 173.27 | 53.94 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9411.04 | 173.50 | 54.42 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9506.31 | 173.73 | 54.90 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9601.68 | 173.95 | 55.38 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9697.15 | 174.18 | 55.86 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#01 EX JOHN WEIGANDT B#1 (531'FNL & 2101'FEL, SEC.03, PR) Well: JOHN WEIGANDT B#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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5100.00 | 5151.00 | 2440.72 | 95.26 | -20.91 | 9750.51 | 173.72 | 56.13 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#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 | 0.00 | 276.00 | 276.00 | 35.00 | 311.00 | 1487.86 | 58.07 | 1487.86 | 58.07 |
| 8.625in Casing Surface | 0.00 | 276.00 | 276.00 | 35.00 | 311.00 | 1487.86 | 58.07 | 1487.86 | 58.07 |
| 7.875in Open Hole | 276.00 | 5077.00 | 4801.00 | 311.00 | 5112.00 | 1487.86 | 58.07 | 1487.86 | 58.07 |
| 4.5in Casing Production | 0.00 | 5077.00 | 5077.00 | 35.00 | 5112.00 | 1487.86 | 58.07 | 1487.86 | 58.07 |

WELLPATH COMPOSITION - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|--|-----------------------|
| 0.00 | 5100.00 | Drift Indicator - Inclination Only (Actual Survey) | ASSUMED VERTICAL TO SURFACE-COGCC <5100> | JOHN WEIGANDT B#1 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: JOHN WEIGANDT B#1 AWB Offset Wellpath: JOHN WEIGANDT B#1 AWP

| | |
|--|---|
| MD Reference: Rig on SLOT#01 JOHN WEIGANDY B#1 (531'FNL & 2101'FEL, SEC.03) (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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) Well: SELTZER FARMS A #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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 3.00 | 16.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 60.35 | 57.54 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 103.00 | 116.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 62.38 | 55.64 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 203.00 | 216.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 64.41 | 53.86 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 303.00 | 316.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 66.44 | 52.19 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 403.00 | 416.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 68.48 | 50.62 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 503.00 | 516.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 70.53 | 49.13 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 603.00 | 616.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 72.57 | 47.73 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 703.00 | 716.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 74.62 | 46.40 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 803.00 | 816.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 76.47 | 45.15 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 903.00 | 916.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 78.53 | 43.95 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 1003.00 | 1016.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 80.59 | 42.82 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1103.00 | 1116.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 82.66 | 41.74 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 1203.00 | 1216.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 84.60 | 40.71 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 1303.00 | 1316.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 86.67 | 39.73 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 1403.00 | 1416.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 88.75 | 38.79 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 1503.00 | 1516.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 90.83 | 37.90 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 1603.00 | 1616.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 92.91 | 37.04 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 1703.00 | 1716.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 95.00 | 36.22 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 1803.00 | 1816.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 97.10 | 35.44 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 1903.00 | 1916.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 99.19 | 34.68 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 2003.00 | 2016.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 101.29 | 33.96 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 2087.00 | 2100.00 | 2346.49 | -2489.02 | -46.69 | 3420.71 | 103.06 | 33.37 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 2103.00 | 2116.00 | 2346.49 | -2489.02 | 110.25 | 3420.73 | 103.40 | 33.27 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 2202.97 | 2215.97 | 2346.49 | -2489.02 | 110.27 | 3421.52 | 105.51 | 32.60 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 2302.80 | 2315.80 | 2346.49 | -2489.02 | 110.33 | 3423.54 | 107.62 | 31.98 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 2402.36 | 2415.36 | 2346.49 | -2489.02 | 110.41 | 3426.78 | 109.74 | 31.39 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 2501.54 | 2514.54 | 2346.49 | -2489.02 | 110.52 | 3431.26 | 111.86 | 30.83 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 2600.21 | 2613.21 | 2346.49 | -2489.02 | 110.67 | 3437.03 | 113.98 | 30.30 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 2698.26 | 2711.26 | 2346.49 | -2489.02 | 110.83 | 3444.10 | 116.11 | 29.81 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 2795.57 | 2808.57 | 2346.49 | -2489.02 | 111.02 | 3452.53 | 118.25 | 29.34 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 2892.01 | 2905.01 | 2346.49 | -2489.02 | 111.24 | 3462.36 | 120.40 | 28.89 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 2987.47 | 3000.47 | 2346.49 | -2489.02 | 111.46 | 3473.64 | 122.58 | 28.47 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 3081.84 | 3094.84 | 2346.49 | -2489.02 | 111.71 | 3486.43 | 124.77 | 28.07 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 3174.99 | 3187.99 | 2346.49 | -2489.02 | 111.96 | 3500.80 | 126.99 | 27.69 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 3266.81 | 3279.81 | 2346.49 | -2489.02 | 112.21 | 3516.80 | 129.25 | 27.33 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 3271.25 | 3284.25 | 2346.49 | -2489.02 | 112.23 | 3517.62 | 129.36 | 27.31 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP | | | | | | | | | | | | |
|--|-----------------|-------------------|---|-------------------|--------------------|----------------------|--------------------------|----------------------------|---------------------------|---------------------|---------------------------------------|---------------|
| Facility: SEC.03-T01S-R67W | | | Slot: SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) | | | | Well: SELTZER FARMS A #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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 3357.87 | 3370.87 | 2346.49 | -2489.02 | 112.77 | 3533.91 | 131.53 | 26.98 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 3448.93 | 3461.93 | 2346.49 | -2489.02 | 113.34 | 3551.41 | 133.85 | 26.64 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 3539.98 | 3552.98 | 2346.49 | -2489.02 | 113.91 | 3569.31 | 136.21 | 26.31 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 3631.04 | 3644.04 | 2346.49 | -2489.02 | 114.46 | 3587.60 | 138.60 | 25.99 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 3722.09 | 3735.09 | 2346.49 | -2489.02 | 115.02 | 3606.26 | 141.02 | 25.67 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 3813.15 | 3826.15 | 2346.49 | -2489.02 | 115.57 | 3625.30 | 143.47 | 25.37 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 3904.21 | 3917.21 | 2346.49 | -2489.02 | 116.11 | 3644.72 | 145.94 | 25.07 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 3995.26 | 4008.26 | 2346.49 | -2489.02 | 116.65 | 3664.49 | 148.43 | 24.78 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 4086.32 | 4099.32 | 2346.49 | -2489.02 | 117.19 | 3684.62 | 150.94 | 24.50 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) Well: SELTZER FARMS A #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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 4177.37 | 4190.37 | 2346.49 | -2489.02 | 117.72 | 3705.11 | 153.47 | 24.23 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 4268.43 | 4281.43 | 2346.49 | -2489.02 | 118.24 | 3725.94 | 156.01 | 23.97 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 4359.48 | 4372.48 | 2346.49 | -2489.02 | 118.76 | 3747.11 | 158.57 | 23.71 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 4450.54 | 4463.54 | 2346.49 | -2489.02 | 119.27 | 3768.61 | 161.13 | 23.47 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 4541.60 | 4554.60 | 2346.49 | -2489.02 | 119.78 | 3790.45 | 163.71 | 23.23 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 4632.65 | 4645.65 | 2346.49 | -2489.02 | 120.29 | 3812.60 | 166.29 | 23.00 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 4723.71 | 4736.71 | 2346.49 | -2489.02 | 120.78 | 3835.08 | 168.88 | 22.78 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 4814.76 | 4827.76 | 2346.49 | -2489.02 | 121.28 | 3857.87 | 171.47 | 22.57 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 4905.82 | 4918.82 | 2346.49 | -2489.02 | 121.77 | 3880.96 | 174.07 | 22.37 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 4996.88 | 5009.88 | 2346.49 | -2489.02 | 122.25 | 3904.35 | 176.68 | 22.17 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 5087.93 | 5100.93 | 2346.49 | -2489.02 | 122.73 | 3928.04 | 179.28 | 21.98 | PASS |
| 5329.26† | 5113.00 | -999.64 | -425.58 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 3931.21 | 179.63 | 21.95 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 3952.81 | 180.23 | 22.00 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 3979.92 | 180.85 | 22.08 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4009.35 | 181.37 | 22.17 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4041.03 | 181.82 | 22.29 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4074.92 | 182.18 | 22.44 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4110.97 | 182.46 | 22.60 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4149.11 | 182.66 | 22.78 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4189.29 | 182.80 | 22.99 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4231.46 | 182.86 | 23.21 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4275.55 | 182.87 | 23.45 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4321.50 | 182.81 | 23.71 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4369.26 | 182.70 | 23.99 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4418.76 | 182.54 | 24.28 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4469.96 | 182.33 | 24.59 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4522.79 | 182.07 | 24.92 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4577.19 | 181.78 | 25.26 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4633.11 | 181.45 | 25.61 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4690.50 | 181.09 | 25.98 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4749.30 | 180.70 | 26.37 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4809.46 | 180.28 | 26.76 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4870.93 | 179.84 | 27.17 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4933.66 | 179.38 | 27.59 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 4997.61 | 178.91 | 28.02 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 5062.72 | 178.42 | 28.47 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP | | | | | | | | | | | | |
|--|-----------------|---|------------------|-------------------|--------------------|----------------------|---------------------|----------------------------|---------------------------|--|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | Slot: SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) | | | | | | Well: SELTZER FARMS A #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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 5128.96 | 177.92 | 28.92 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 5196.28 | 177.41 | 29.38 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 122.79 | 5208.79 | 177.31 | 29.47 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 123.74 | 5268.01 | 177.01 | 29.86 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 118.53 | 5349.27 | 176.99 | 30.32 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 105.89 | 5437.39 | 177.21 | 30.78 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 85.04 | 5529.42 | 177.62 | 31.23 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 60.87 | 5622.46 | 178.25 | 31.64 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 41.75 | 5713.69 | 179.09 | 32.01 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) Well: SELTZER FARMS A #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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 5796.56 | 180.08 | 32.29 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 5800.50 | 180.13 | 32.30 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 5884.86 | 181.18 | 32.58 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 5969.71 | 182.19 | 32.87 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6055.02 | 183.17 | 33.16 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6140.77 | 184.12 | 33.45 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6226.95 | 185.04 | 33.75 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6313.53 | 185.93 | 34.06 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6400.51 | 186.80 | 34.37 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6487.86 | 187.64 | 34.68 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6575.57 | 188.45 | 35.00 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6663.62 | 189.24 | 35.32 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6752.01 | 190.01 | 35.64 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6840.72 | 190.75 | 35.97 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 6929.74 | 191.48 | 36.30 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7019.05 | 192.18 | 36.63 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7108.65 | 192.86 | 36.97 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7198.52 | 193.52 | 37.31 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7288.66 | 194.17 | 37.65 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7379.05 | 194.79 | 37.99 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7469.68 | 195.41 | 38.34 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7560.55 | 196.00 | 38.69 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7651.65 | 196.58 | 39.04 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7742.97 | 197.14 | 39.39 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7834.50 | 197.69 | 39.74 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 7926.23 | 198.22 | 40.10 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8018.17 | 198.75 | 40.46 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8110.29 | 199.26 | 40.82 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8202.60 | 199.75 | 41.18 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8295.08 | 200.24 | 41.54 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8387.74 | 200.71 | 41.91 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8480.57 | 201.17 | 42.28 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8573.55 | 201.62 | 42.64 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8666.70 | 202.07 | 43.01 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8759.99 | 202.50 | 43.38 | PASS |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8853.43 | 202.92 | 43.75 | PASS |

| CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP | | | | | | | | | | | | |
|---|-----------------|---|------------------|-------------------|--------------------|--------------------------|---------------------|----------------------------|---------------------------|---------------------------------------|--------------|---------------|
| Facility: SEC.03-T01S-R67W | | Slot: SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) | | | | Well: SELTZER FARMS A #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 |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 8947.01 | 203.33 | 44.13 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9040.73 | 203.74 | 44.50 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9134.59 | 204.13 | 44.87 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9228.57 | 204.52 | 45.25 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9322.67 | 204.90 | 45.63 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9416.90 | 205.27 | 46.00 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9511.25 | 205.64 | 46.38 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9605.71 | 206.00 | 46.76 | PASS |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9700.28 | 206.35 | 47.14 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP

| Facility: SEC.03-T01S-R67W Slot: SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, PR) Well: SELTZER FARMS A #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 |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 5100.00 | 5113.00 | 2346.49 | -2489.02 | 29.81 | 9753.16 | 206.19 | 47.35 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 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 | 0.00 | 1133.00 | 1133.00 | -3.00 | 1130.00 | 1430.50 | -1517.23 | 1430.50 | -1517.23 |
| 8.625in Casing Surface | 0.00 | 1133.00 | 1133.00 | -3.00 | 1130.00 | 1430.50 | -1517.23 | 1430.50 | -1517.23 |
| 7.875in Open Hole | 1133.00 | 5100.00 | 3967.00 | 1130.00 | 5097.00 | 1430.50 | -1517.23 | 1430.50 | -1517.23 |
| 5.5in Casing Production | 0.00 | 5100.00 | 5100.00 | -3.00 | 5097.00 | 1430.50 | -1517.23 | 1430.50 | -1517.23 |

WELLPATH COMPOSITION - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|---|------------------------|
| 0.00 | 5100.00 | Drift Indicator - Inclination Only (Actual Survey) | ASUMED VERTICAL TO SURFACE COGCC <5100> | SELTZER FARMS A #2 AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: SELTZER FARMS A #2 AWB Offset Wellpath: SELTZER FARMS A #2 AWP

| | |
|---|--|
| MD Reference: Rig on SLOT#04 EX SELTZER FARMS A #2 (635'FNL & 610'FWL, SEC.03, 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

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) Well: WAGNER #34N-34HZ 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 |
| 16.00 | 16.00 | 0.00 | 0.00 | 0.00 | 37.00 | 7385.69 | -3017.35 | -22.22 | 7978.30 | 25.57 | 324.26 | PASS |
| 116.00† | 116.00 | 0.00 | 0.00 | 101.13 | 138.13 | 7385.65 | -3017.14 | -22.22 | 7978.19 | 60.36 | 134.31 | PASS |
| 216.00† | 216.00 | 0.00 | 0.00 | 168.63 | 205.63 | 7385.67 | -3016.83 | -22.22 | 7978.07 | 60.37 | 134.29 | PASS |
| 316.00† | 316.00 | 0.00 | 0.00 | 238.66 | 275.66 | 7386.00 | -3016.76 | -22.22 | 7978.44 | 60.38 | 134.26 | PASS |
| 416.00† | 416.00 | 0.00 | 0.00 | 378.83 | 415.83 | 7386.38 | -3017.07 | -22.22 | 7978.80 | 60.40 | 134.21 | PASS |
| 516.00† | 516.00 | 0.00 | 0.00 | 476.52 | 513.52 | 7386.32 | -3016.94 | -22.22 | 7978.70 | 60.43 | 134.15 | PASS |
| 616.00† | 616.00 | 0.00 | 0.00 | 585.69 | 622.69 | 7386.56 | -3016.59 | -22.22 | 7978.79 | 60.47 | 134.07 | PASS |
| 716.00† | 716.00 | 0.00 | 0.00 | 672.62 | 709.62 | 7386.53 | -3016.46 | -22.21 | 7978.71 | 60.51 | 133.98 | PASS |
| 816.00† | 816.00 | 0.00 | 0.00 | 746.01 | 783.00 | 7386.78 | -3016.34 | -22.21 | 7978.97 | 60.34 | 133.89 | PASS |
| 916.00† | 916.00 | 0.00 | 0.00 | 839.15 | 876.14 | 7387.18 | -3016.73 | -22.21 | 7979.52 | 60.39 | 133.79 | PASS |
| 1016.00† | 1016.00 | 0.00 | 0.00 | 968.68 | 1005.67 | 7387.26 | -3016.97 | -22.22 | 7979.59 | 60.45 | 133.65 | PASS |
| 1116.00† | 1116.00 | 0.00 | 0.00 | 1044.31 | 1081.30 | 7387.48 | -3017.00 | -22.22 | 7979.87 | 60.51 | 133.54 | PASS |
| 1216.00† | 1216.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7974.11 | 82.27 | 97.65 | PASS |
| 1316.00† | 1316.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7893.81 | 82.59 | 96.29 | PASS |
| 1416.00† | 1416.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7813.97 | 82.92 | 94.93 | PASS |
| 1516.00† | 1516.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7734.59 | 83.25 | 93.58 | PASS |
| 1616.00† | 1616.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7655.70 | 83.60 | 92.24 | PASS |
| 1716.00† | 1716.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7577.30 | 83.96 | 90.90 | PASS |
| 1816.00† | 1816.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7499.42 | 84.33 | 89.57 | PASS |
| 1916.00† | 1916.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7422.07 | 84.71 | 88.25 | PASS |
| 2016.00† | 2016.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7345.26 | 85.10 | 86.93 | PASS |
| 2100.00 | 2100.00 | 0.00 | 0.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | -43.08 | 7281.18 | 85.43 | 85.83 | PASS |
| 2116.00† | 2116.00 | -0.04 | -0.02 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 114.21 | 7269.03 | 85.50 | 85.62 | PASS |
| 2216.00† | 2215.97 | -2.16 | -0.92 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 116.26 | 7194.01 | 85.90 | 84.34 | PASS |
| 2316.00† | 2315.80 | -7.49 | -3.19 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 118.18 | 7120.65 | 86.31 | 83.08 | PASS |
| 2416.00† | 2415.36 | -16.02 | -6.82 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 119.97 | 7049.09 | 86.71 | 81.86 | PASS |
| 2516.00† | 2514.54 | -27.74 | -11.81 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 121.64 | 6979.47 | 87.12 | 80.67 | PASS |
| 2616.00† | 2613.21 | -42.64 | -18.15 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 123.18 | 6911.95 | 87.52 | 79.52 | PASS |
| 2716.00† | 2711.26 | -60.70 | -25.84 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 124.61 | 6846.66 | 87.94 | 78.40 | PASS |
| 2816.00† | 2808.57 | -81.90 | -34.87 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 125.93 | 6783.76 | 88.36 | 77.30 | PASS |
| 2916.00† | 2905.01 | -106.21 | -45.22 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 127.15 | 6723.38 | 88.79 | 76.24 | PASS |
| 3016.00† | 3000.47 | -133.60 | -56.88 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 128.27 | 6665.67 | 89.23 | 75.21 | PASS |
| 3116.00† | 3094.84 | -164.04 | -69.84 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 129.29 | 6610.77 | 89.69 | 74.20 | PASS |
| 3216.00† | 3187.99 | -197.49 | -84.08 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 130.23 | 6558.82 | 90.18 | 73.22 | PASS |
| 3316.00† | 3279.81 | -233.91 | -99.58 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.08 | 6509.95 | 90.70 | 72.26 | PASS |
| 3320.87 | 3284.25 | -235.76 | -100.37 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6507.65 | 90.72 | 72.21 | PASS |

| CLEARANCE DATA - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP | | | | | | | | | | | | |
|---|-----------------|--|------------------|-------------------|--------------------|------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | Slot: SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) | | | | Well: WAGNER #34N-34HZ | | 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 |
| 3416.00† | 3370.87 | -271.94 | -115.77 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6463.37 | 91.22 | 71.32 | PASS |
| 3516.00† | 3461.93 | -309.97 | -131.97 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6418.00 | 91.79 | 70.38 | PASS |
| 3616.00† | 3552.98 | -348.01 | -148.16 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6373.89 | 92.39 | 69.44 | PASS |
| 3716.00† | 3644.04 | -386.04 | -164.35 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6331.04 | 93.02 | 68.51 | PASS |
| 3816.00† | 3735.09 | -424.08 | -180.54 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6289.50 | 93.67 | 67.58 | PASS |
| 3916.00† | 3826.15 | -462.11 | -196.74 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6249.28 | 94.36 | 66.65 | PASS |
| 4016.00† | 3917.21 | -500.15 | -212.93 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6210.40 | 95.07 | 65.74 | PASS |
| 4116.00† | 4008.26 | -538.18 | -229.12 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6172.91 | 95.80 | 64.84 | PASS |
| 4216.00† | 4099.32 | -576.22 | -245.31 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6136.81 | 96.55 | 63.96 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) Well: WAGNER #34N-34HZ 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 |
| 4316.00† | 4190.37 | -614.25 | -261.51 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6102.14 | 97.33 | 63.09 | PASS |
| 4416.00† | 4281.43 | -652.28 | -277.70 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6068.92 | 98.12 | 62.23 | PASS |
| 4516.00† | 4372.48 | -690.32 | -293.89 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6037.17 | 98.92 | 61.40 | PASS |
| 4616.00† | 4463.54 | -728.35 | -310.09 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 6006.92 | 99.75 | 60.59 | PASS |
| 4716.00† | 4554.60 | -766.39 | -326.28 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5978.19 | 100.58 | 59.80 | PASS |
| 4816.00† | 4645.65 | -804.42 | -342.47 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5951.01 | 101.42 | 59.03 | PASS |
| 4916.00† | 4736.71 | -842.46 | -358.66 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5925.38 | 102.27 | 58.28 | PASS |
| 5016.00† | 4827.76 | -880.49 | -374.86 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5901.34 | 103.13 | 57.56 | PASS |
| 5116.00† | 4918.82 | -918.53 | -391.05 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5878.90 | 103.99 | 56.86 | PASS |
| 5216.00† | 5009.88 | -956.56 | -407.24 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5858.08 | 104.86 | 56.19 | PASS |
| 5316.00† | 5100.93 | -994.60 | -423.43 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5838.91 | 105.72 | 55.54 | PASS |
| 5416.00† | 5191.99 | -1032.63 | -439.63 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5821.38 | 106.59 | 54.92 | PASS |
| 5516.00† | 5283.04 | -1070.67 | -455.82 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5805.53 | 107.46 | 54.33 | PASS |
| 5616.00† | 5374.10 | -1108.70 | -472.01 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5791.36 | 108.32 | 53.76 | PASS |
| 5716.00† | 5465.15 | -1146.73 | -488.20 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5778.88 | 109.18 | 53.22 | PASS |
| 5816.00† | 5556.21 | -1184.77 | -504.40 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5768.12 | 110.03 | 52.71 | PASS |
| 5916.00† | 5647.27 | -1222.80 | -520.59 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5759.07 | 110.88 | 52.22 | PASS |
| 6016.00† | 5738.32 | -1260.84 | -536.78 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5751.74 | 111.72 | 51.76 | PASS |
| 6116.00† | 5829.38 | -1298.87 | -552.98 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5746.14 | 112.55 | 51.33 | PASS |
| 6216.00† | 5920.43 | -1336.91 | -569.17 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5742.29 | 113.37 | 50.92 | PASS |
| 6316.00† | 6011.49 | -1374.94 | -585.36 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5740.17 | 114.18 | 50.54 | PASS |
| 6391.00† | 6079.78 | -1403.47 | -597.51 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5739.72 | 114.78 | 50.27 | PASS |
| 6416.00† | 6102.55 | -1412.98 | -601.55 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5739.79 | 114.98 | 50.18 | PASS |
| 6516.00† | 6193.60 | -1451.01 | -617.75 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5741.15 | 115.76 | 49.85 | PASS |
| 6616.00† | 6284.66 | -1489.05 | -633.94 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5744.26 | 116.53 | 49.55 | PASS |
| 6716.00† | 6375.71 | -1527.08 | -650.13 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5749.10 | 117.29 | 49.27 | PASS |
| 6816.00† | 6466.77 | -1565.12 | -666.32 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5755.68 | 118.03 | 49.01 | PASS |
| 6916.00† | 6557.82 | -1603.15 | -682.52 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5763.99 | 118.75 | 48.78 | PASS |
| 7016.00† | 6648.88 | -1641.19 | -698.71 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5774.01 | 119.46 | 48.58 | PASS |
| 7116.00† | 6739.94 | -1679.22 | -714.90 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5785.75 | 120.15 | 48.39 | PASS |
| 7216.00† | 6830.99 | -1717.25 | -731.09 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5799.18 | 120.83 | 48.23 | PASS |
| 7316.00† | 6922.05 | -1755.29 | -747.29 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5814.31 | 121.48 | 48.10 | PASS |
| 7416.00† | 7013.10 | -1793.32 | -763.48 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5831.11 | 122.12 | 47.98 | PASS |
| 7516.00† | 7104.16 | -1831.36 | -779.67 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5849.58 | 122.74 | 47.89 | PASS |
| 7616.00† | 7195.22 | -1869.39 | -795.87 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5869.69 | 123.35 | 47.82 | PASS |
| 7716.00† | 7286.27 | -1907.43 | -812.06 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5891.42 | 123.93 | 47.77 | PASS |

| CLEARANCE DATA - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP | | | | | | | | | | | | |
|---|-----------------|-------------------|--|-------------------|--------------------|------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | | Slot: SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) | | | Well: WAGNER #34N-34HZ | | 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 |
| 7816.00† | 7377.33 | -1945.46 | -828.25 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5914.77 | 124.50 | 47.74 | PASS |
| 7916.00† | 7468.38 | -1983.50 | -844.44 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5939.72 | 125.05 | 47.73 | PASS |
| 7934.42 | 7485.15 | -1990.50 | -847.43 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.12 | 5944.48 | 125.15 | 47.73 | PASS |
| 8016.00† | 7557.02 | -2026.79 | -860.18 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 135.77 | 5971.27 | 125.66 | 47.74 | PASS |
| 8116.00† | 7637.08 | -2084.81 | -874.31 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 137.46 | 6018.49 | 126.56 | 47.78 | PASS |
| 8216.00† | 7706.02 | -2156.06 | -886.38 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 136.04 | 6079.85 | 127.49 | 47.91 | PASS |
| 8316.00† | 7761.74 | -2238.38 | -896.02 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 131.47 | 6153.10 | 128.30 | 48.18 | PASS |
| 8416.00† | 7802.55 | -2329.27 | -902.95 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 122.58 | 6235.64 | 128.96 | 48.58 | PASS |
| 8516.00† | 7827.21 | -2425.96 | -906.95 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 107.12 | 6324.65 | 129.50 | 49.07 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) Well: WAGNER #34N-34HZ 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 |
| 8611.31 | 7835.00 | -2520.84 | -907.93 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6412.83 | 129.90 | 49.60 | PASS |
| 8616.00† | 7835.00 | -2525.53 | -907.90 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6417.21 | 129.92 | 49.62 | PASS |
| 8716.00† | 7835.00 | -2625.53 | -907.46 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6510.64 | 130.28 | 50.20 | PASS |
| 8816.00† | 7835.00 | -2725.53 | -907.01 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6604.27 | 130.65 | 50.78 | PASS |
| 8916.00† | 7835.00 | -2825.53 | -906.57 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6698.09 | 131.00 | 51.37 | PASS |
| 9016.00† | 7835.00 | -2925.53 | -906.12 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6792.07 | 131.35 | 51.95 | PASS |
| 9116.00† | 7835.00 | -3025.52 | -905.67 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6886.23 | 131.69 | 52.53 | PASS |
| 9216.00† | 7835.00 | -3125.52 | -905.23 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 6980.55 | 132.02 | 53.11 | PASS |
| 9316.00† | 7835.00 | -3225.52 | -904.78 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7075.03 | 132.35 | 53.70 | PASS |
| 9416.00† | 7835.00 | -3325.52 | -904.33 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7169.66 | 132.68 | 54.28 | PASS |
| 9516.00† | 7835.00 | -3425.52 | -903.89 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7264.43 | 133.00 | 54.87 | PASS |
| 9565.88† | 7835.00 | -3475.40 | -903.67 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7311.75 | 176.81 | 41.49 | PASS |
| 9616.00† | 7835.00 | -3525.52 | -903.44 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7359.34 | 133.31 | 55.45 | PASS |
| 9716.00† | 7835.00 | -3625.52 | -903.00 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7454.38 | 133.62 | 56.04 | PASS |
| 9816.00† | 7835.00 | -3725.52 | -902.55 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7549.55 | 133.92 | 56.63 | PASS |
| 9916.00† | 7835.00 | -3825.52 | -902.10 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7644.85 | 134.22 | 57.21 | PASS |
| 10016.00† | 7835.00 | -3925.52 | -901.66 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7740.26 | 134.51 | 57.80 | PASS |
| 10116.00† | 7835.00 | -4025.51 | -901.21 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7835.79 | 134.80 | 58.39 | PASS |
| 10216.00† | 7835.00 | -4125.51 | -900.76 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 7931.42 | 135.08 | 58.98 | PASS |
| 10316.00† | 7835.00 | -4225.51 | -900.32 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8027.17 | 135.36 | 59.57 | PASS |
| 10416.00† | 7835.00 | -4325.51 | -899.87 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8123.01 | 135.63 | 60.16 | PASS |
| 10516.00† | 7835.00 | -4425.51 | -899.43 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8218.96 | 135.90 | 60.74 | PASS |
| 10616.00† | 7835.00 | -4525.51 | -898.98 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8315.00 | 136.17 | 61.33 | PASS |
| 10716.00† | 7835.00 | -4625.51 | -898.53 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8411.13 | 136.43 | 61.92 | PASS |
| 10816.00† | 7835.00 | -4725.51 | -898.09 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8507.35 | 136.69 | 62.51 | PASS |
| 10916.00† | 7835.00 | -4825.51 | -897.64 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8603.66 | 136.94 | 63.10 | PASS |
| 11016.00† | 7835.00 | -4925.51 | -897.19 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8700.05 | 137.19 | 63.69 | PASS |
| 11116.00† | 7835.00 | -5025.50 | -896.75 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8796.53 | 137.44 | 64.28 | PASS |
| 11216.00† | 7835.00 | -5125.50 | -896.30 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8893.08 | 137.68 | 64.87 | PASS |
| 11316.00† | 7835.00 | -5225.50 | -895.85 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 8989.70 | 137.92 | 65.46 | PASS |
| 11416.00† | 7835.00 | -5325.50 | -895.41 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9086.40 | 138.16 | 66.05 | PASS |
| 11516.00† | 7835.00 | -5425.50 | -894.96 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9183.17 | 138.40 | 66.64 | PASS |
| 11616.00† | 7835.00 | -5525.50 | -894.52 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9280.01 | 138.63 | 67.23 | PASS |
| 11716.00† | 7835.00 | -5625.50 | -894.07 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9376.91 | 138.86 | 67.82 | PASS |
| 11816.00† | 7835.00 | -5725.50 | -893.62 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9473.88 | 139.08 | 68.41 | PASS |
| 11916.00† | 7835.00 | -5825.50 | -893.18 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9570.91 | 139.30 | 69.00 | PASS |

| CLEARANCE DATA - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP | | | | | | | | | | | | |
|---|-----------------|--|------------------|-------------------|--------------------|------------------------|---------------------|---|---------------------------|---------------------|--------------|---------------|
| Facility: SEC.34-T01N-R67W | | Slot: SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) | | | | Well: WAGNER #34N-34HZ | | 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 |
| 12016.00† | 7835.00 | -5925.50 | -892.73 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9668.00 | 139.52 | 69.59 | PASS |
| 12116.00† | 7835.00 | -6025.49 | -892.28 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9765.15 | 139.74 | 70.18 | PASS |
| 12216.00† | 7835.00 | -6125.49 | -891.84 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9862.36 | 139.95 | 70.77 | PASS |
| 12316.00† | 7835.00 | -6225.49 | -891.39 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 9959.62 | 140.17 | 71.36 | PASS |
| 12416.00† | 7835.00 | -6325.49 | -890.95 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 10056.94 | 140.38 | 71.95 | PASS |
| 12516.00† | 7835.00 | -6425.49 | -890.50 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 10154.31 | 140.58 | 72.54 | PASS |
| 12616.00† | 7835.00 | -6525.49 | -890.05 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 10251.72 | 140.79 | 73.13 | PASS |
| 12716.00† | 7835.00 | -6625.49 | -889.61 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 10349.19 | 140.99 | 73.72 | PASS |
| 12816.00† | 7835.00 | -6725.49 | -889.16 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 10446.71 | 141.19 | 74.31 | PASS |



Clearance Report

SHOOK 3-10-3CDH PWP (REV-A.0)
Closest Approach
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REFERENCE WELLPATH IDENTIFICATION

| | | | |
|----------|----------------------------------|----------|---|
| Operator | PETROSHARE | Slot | SLOT#07 SHOOK 3-10-3CDH (2058'FSL & 2199'FEL, SEC.03) |
| Area | COLORADO | Well | SHOOK 3-10-3CDH |
| Field | ADAMS COUNTY (NAD83/ TRUE NORTH) | Wellbore | SHOOK 3-10-3CDH PWB |
| Facility | SEC.03-T1S-R67W | | |

CLEARANCE DATA - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP

| Facility: SEC.34-T01N-R67W Slot: SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) Well: WAGNER #34N-34HZ 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 |
| 12916.00† | 7835.00 | -6825.49 | -888.71 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 10544.27 | 141.39 | 74.89 | PASS |
| 12971.86 | 7835.00 | -6881.35 | -888.47 | 12098.00 | 7637.03 | 3453.83 | -3229.23 | 85.07 | 10598.79 | 141.15 | 75.22 | PASS |

POSITIONAL UNCERTAINTY - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP

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

HOLE & CASING SECTIONS - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ 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] |
|-------------------------|---------------|-------------|---------------|----------------|--------------|----------------|----------------|--------------|--------------|
| 13.5in Open Hole | 16.00 | 1064.00 | 1048.00 | 53.00 | 1100.99 | 4502.43 | -1839.10 | 4503.00 | -1839.01 |
| 9.625in Casing Surface | 16.00 | 1064.00 | 1048.00 | 53.00 | 1100.99 | 4502.43 | -1839.10 | 4503.00 | -1839.01 |
| 8.75in Open Hole | 1064.00 | 7974.00 | 6910.00 | 1100.99 | 7590.63 | 4503.00 | -1839.01 | 4560.57 | -1910.73 |
| 7in Casing Intermediate | 16.00 | 7974.00 | 7958.00 | 53.00 | 7590.63 | 4502.43 | -1839.10 | 4560.57 | -1910.73 |
| 6.125in Open Hole | 7974.00 | 12098.00 | 4124.00 | 7590.63 | 7637.03 | 4560.57 | -1910.73 | 3304.01 | -1903.83 |

WELLPATH COMPOSITION - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP

| Start MD [ft] | End MD [ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore |
|---------------|-------------|--|----------------------------------|----------------------|
| 16.00 | 992.00 | Generic gyro - continuous (Standard) | MS ENERGY GYROS <116-992> | WAGNER #34N-34HZ AWB |
| 992.00 | 12051.00 | ISCWSA MWD, Rev. 3, axial magnetic correction (Standard) | HALLIBURTON SURVEYS <1108-12051> | WAGNER #34N-34HZ AWB |
| 12051.00 | 12098.00 | Blind Drilling (std) | Projection to bit | WAGNER #34N-34HZ AWB |

OFFSET WELLPATH MD REFERENCE - Offset Wellbore: WAGNER #34N-34HZ AWB Offset Wellpath: WAGNER #34N-34HZ AWP

| | |
|---|---|
| MD Reference: Rig on SLOT#10 WAGNER #34N-34HZ (850'FNL & 526'FWL, SEC.34) (RKB) | Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report) |
| Ellipse Start MD | 16.00ft |