

EXTRACTION OIL & GAS

WELD COUNTY

Sec 28-T1N-R68W

COYOTE TRAILS 33W-15-11N

ORIGINAL WELLBORE

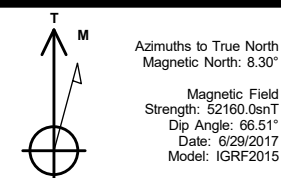
Plan: PROPOSAL 1

Standard Planning Report

07 June, 2018



Project: WELD COUNTY
Site: Sec 28-T1N-R68W
Well: COYOTE TRAILS 33W-15-11N
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL 1



WELL DETAILS: COYOTE TRAILS 33W-15-11N

| | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
|--|-------|-------|------------|------------|----------------|------------------|------|
| | 0.00 | 0.00 | 1249778.67 | 3137981.98 | 40° 1' 4.717 N | 105° 0' 26.442 W | |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSec | Target |
|-----|----------|-------|--------|---------|----------|----------|-------|--------|---------|-----------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 2103.00 | 40.06 | 179.34 | 1943.75 | -672.12 | 7.79 | 2.00 | 179.34 | 313.85 | |
| 4 | 6566.86 | 40.06 | 179.34 | 5360.25 | -3544.83 | 41.09 | 0.00 | 0.00 | 1655.28 | |
| 5 | 8569.87 | 0.00 | 0.00 | 7204.00 | -4216.95 | 48.88 | 2.00 | 180.00 | 1969.13 | |
| 6 | 8569.87 | 0.00 | 0.00 | 7234.00 | -4216.95 | 48.88 | 0.00 | 0.00 | 1969.13 | |
| 7 | 9499.93 | 90.00 | 269.90 | 7807.00 | -4217.91 | -524.12 | 10.00 | 269.90 | 2473.16 | CT 33W-11N LP |
| 8 | 16767.85 | 90.00 | 269.90 | 7807.00 | -4230.54 | -7792.03 | 0.00 | -88.18 | 8866.40 | CT 33W-11N PBHL |

ANNOTATIONS

| | MD | Inc | Azi | TVD | +N/-S | +E/-W | VSec | Departure | Annotation |
|--|----------|-------|--------|---------|----------|----------|---------|-----------|----------------------------------|
| | 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | Start Build 2.00 |
| | 2103.00 | 40.06 | 179.34 | 1943.75 | -672.12 | 7.79 | 313.85 | 672.17 | Start 4463.86 hold at 2103.00 MD |
| | 6566.86 | 40.06 | 179.34 | 5360.25 | -3544.83 | 41.09 | 1655.28 | 3545.07 | Start Drop -2.00 |
| | 8569.87 | 0.00 | 0.00 | 7204.00 | -4216.95 | 48.88 | 1969.13 | 4217.23 | Start 30.00 hold at 8569.87 MD |
| | 8569.87 | 0.00 | 0.00 | 7234.00 | -4216.95 | 48.88 | 1969.13 | 4217.23 | Start DLS 10.00 TFO 269.90 |
| | 9499.93 | 90.00 | 269.90 | 7807.00 | -4217.91 | -524.12 | 2473.16 | 4790.23 | Start DLS 0.00 TFO -88.18 |
| | 16767.85 | 90.00 | 269.90 | 7807.00 | -4230.54 | -7792.03 | 8866.40 | 12058.15 | TD at 16767.85 |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|---------------------------|---------|----------|----------|------------|------------|-----------------|------------------|-------|
| CT 33W-11N LP | 7807.00 | -4217.91 | -524.12 | 1245557.91 | 3137481.30 | 40° 0' 23.033 N | 105° 0' 33.178 W | Point |
| - plan hits target center | | | | | | | | |
| CT 33W-11N PBHL | 7807.00 | -4230.54 | -7792.03 | 1245504.91 | 3130213.57 | 40° 0' 22.896 N | 105° 2' 6.580 W | Point |
| - plan hits target center | | | | | | | | |

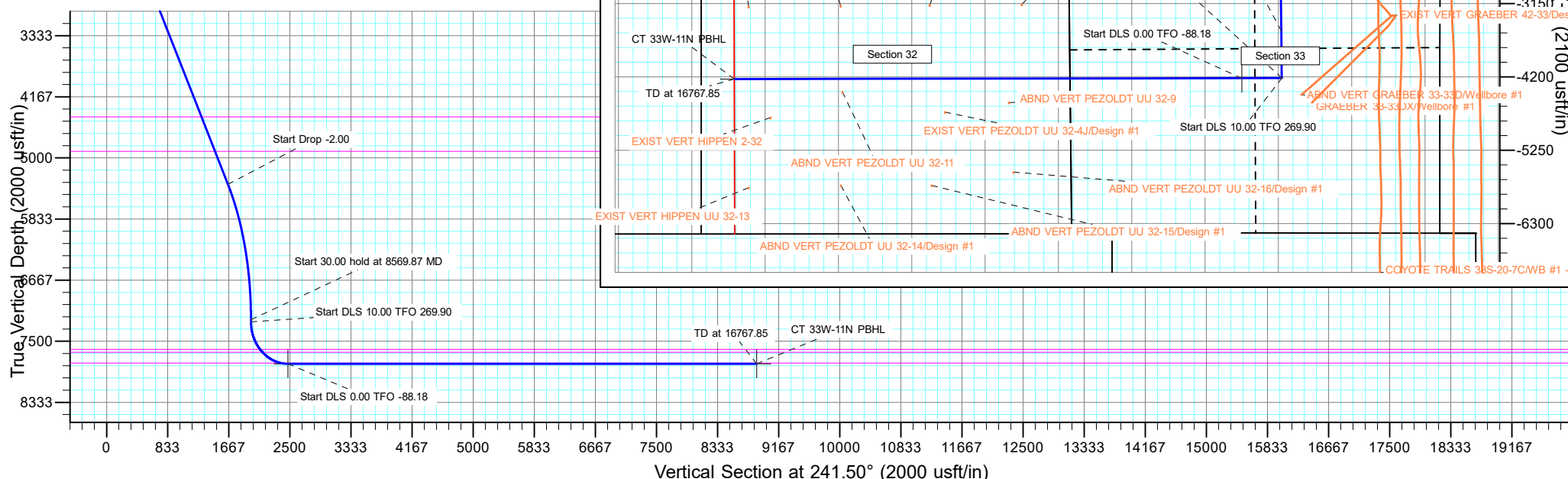
FORMATION TOP DETAILS

| TVDPATH | MDPath | Formation |
|---------|---------|----------------|
| 4440.00 | 5364.50 | PARKMAN |
| 4910.00 | 5978.58 | SUSSEX |
| 7610.00 | 9010.00 | SHARON SPRINGS |
| 7650.00 | 9065.42 | NIOBRARA |
| 7797.00 | 9392.72 | NIO B |

PROJECT DETAILS: WELD COUNTY

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

SHL:
1149' FSL, 2319' FEL
Sec 28-T1N-R68W
LP:
2224' FNL, 2460' FWL
Sec 33-T1N-R68W
BHL:
2219' FSL, 460' FWL
Sec 32-T1N-R68W



Planning Report

| | | | |
|------------------|--------------------------|-------------------------------------|-------------------------------|
| Database: | EDT_32Bit_ODBC | Local Co-ordinate Reference: | Well COYOTE TRAILS 33W-15-11N |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB 25' @ 5269.00usft |
| Project: | WELD COUNTY | MD Reference: | KB 25' @ 5269.00usft |
| Site: | Sec 28-T1N-R68W | North Reference: | True |
| Well: | COYOTE TRAILS 33W-15-11N | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL 1 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | WELD COUNTY | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| | | | | | |
|-----------------------|-----------|-----------------|-------------------|-------------------|-------------------|
| Site | | Sec 28-T1N-R68W | | | |
| Site Position: | | Northing: | 1,248,660.21 usft | Latitude: | 40° 0' 53.536 N |
| From: | Lat/Long | Easting: | 3,140,299.83 usft | Longitude: | 104° 59' 56.731 W |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13.200 in | Grid Convergence: | 0.32 ° |

| Well | COYOTE TRAILS 33W-15-11N | | | | | |
|----------------------|--------------------------|----------------|---------------------|-------------------|---------------|------------------|
| Well Position | +N/-S | 1,131.53 usft | Northing: | 1,249,778.67 usft | Latitude: | 40° 1' 4.717 N |
| | +E/-W | -2,311.50 usft | Easting: | 3,137,981.98 usft | Longitude: | 105° 0' 26.442 W |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | | Ground Level: | 5,244.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | ORIGINAL WELLBORE | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2015 | 6/29/2017 | 8.30 | 66.51 | 52,159.96658410 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | PROPOSAL 1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 241.50 |

| | | | | |
|---------------------------------|------------------------|--------------------------|---------------------------|----------------|
| Plan Survey Tool Program | Date | 6/7/2018 | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 16,767.85 | PROPOSAL 1 (ORIGINAL WELL | MWD OWSG |
| | | | OWSG MWD - Standard | |

| | | | | | | | | | | |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|------------------------------|-----------------------------|----------------------------|----------------|-----------------|
| Plan Sections | | | | | | | | | | |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2,103.00 | 40.06 | 179.34 | 1,943.75 | -672.12 | 7.79 | 2.00 | 2.00 | 0.00 | 179.34 | |
| 6,566.86 | 40.06 | 179.34 | 5,360.25 | -3,544.83 | 41.09 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,569.87 | 0.00 | 0.00 | 7,204.00 | -4,216.95 | 48.88 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 8,599.87 | 0.00 | 0.00 | 7,234.00 | -4,216.95 | 48.88 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,499.93 | 90.00 | 269.90 | 7,807.00 | -4,217.91 | -524.12 | 10.00 | 10.00 | -10.01 | 269.90 | CT 33W-11N LP |
| 16,767.85 | 90.00 | 269.90 | 7,807.00 | -4,230.54 | -7,792.03 | 0.00 | 0.00 | 0.00 | -88.18 | CT 33W-11N PBHL |

Planning Report

| | | | |
|------------------|--------------------------|-------------------------------------|-------------------------------|
| Database: | EDT_32Bit_ODBC | Local Co-ordinate Reference: | Well COYOTE TRAILS 33W-15-11N |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB 25' @ 5269.00usft |
| Project: | WELD COUNTY | MD Reference: | KB 25' @ 5269.00usft |
| Site: | Sec 28-T1N-R68W | North Reference: | True |
| Well: | COYOTE TRAILS 33W-15-11N | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL 1 | | |

| Planned Survey | | | | | | | | | |
|----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 2.00 | | | | | | | | | |
| 200.00 | 2.00 | 179.34 | 199.98 | -1.75 | 0.02 | 0.81 | 2.00 | 2.00 | 0.00 |
| 300.00 | 4.00 | 179.34 | 299.84 | -6.98 | 0.08 | 3.26 | 2.00 | 2.00 | 0.00 |
| 400.00 | 6.00 | 179.34 | 399.45 | -15.69 | 0.18 | 7.33 | 2.00 | 2.00 | 0.00 |
| 500.00 | 8.00 | 179.34 | 498.70 | -27.88 | 0.32 | 13.02 | 2.00 | 2.00 | 0.00 |
| 600.00 | 10.00 | 179.34 | 597.47 | -43.52 | 0.50 | 20.32 | 2.00 | 2.00 | 0.00 |
| 700.00 | 12.00 | 179.34 | 695.62 | -62.60 | 0.73 | 29.23 | 2.00 | 2.00 | 0.00 |
| 800.00 | 14.00 | 179.34 | 793.06 | -85.09 | 0.99 | 39.73 | 2.00 | 2.00 | 0.00 |
| 900.00 | 16.00 | 179.34 | 889.64 | -110.97 | 1.29 | 51.82 | 2.00 | 2.00 | 0.00 |
| 1,000.00 | 18.00 | 179.34 | 985.27 | -140.20 | 1.63 | 65.47 | 2.00 | 2.00 | 0.00 |
| 1,100.00 | 20.00 | 179.34 | 1,079.82 | -172.76 | 2.00 | 80.67 | 2.00 | 2.00 | 0.00 |
| 1,200.00 | 22.00 | 179.34 | 1,173.17 | -208.59 | 2.42 | 97.40 | 2.00 | 2.00 | 0.00 |
| 1,300.00 | 24.00 | 179.34 | 1,265.21 | -247.66 | 2.87 | 115.65 | 2.00 | 2.00 | 0.00 |
| 1,400.00 | 26.00 | 179.34 | 1,355.84 | -289.91 | 3.36 | 135.38 | 2.00 | 2.00 | 0.00 |
| 1,500.00 | 28.00 | 179.34 | 1,444.94 | -335.31 | 3.89 | 156.57 | 2.00 | 2.00 | 0.00 |
| 1,600.00 | 30.00 | 179.34 | 1,532.39 | -383.78 | 4.45 | 179.21 | 2.00 | 2.00 | 0.00 |
| 1,700.00 | 32.00 | 179.34 | 1,618.11 | -435.28 | 5.05 | 203.26 | 2.00 | 2.00 | 0.00 |
| 1,800.00 | 34.00 | 179.34 | 1,701.97 | -489.74 | 5.68 | 228.69 | 2.00 | 2.00 | 0.00 |
| 1,900.00 | 36.00 | 179.34 | 1,783.88 | -547.09 | 6.34 | 255.47 | 2.00 | 2.00 | 0.00 |
| 2,000.00 | 38.00 | 179.34 | 1,863.74 | -607.26 | 7.04 | 283.57 | 2.00 | 2.00 | 0.00 |
| 2,103.00 | 40.06 | 179.34 | 1,943.75 | -672.12 | 7.79 | 313.85 | 2.00 | 2.00 | 0.00 |
| Start 4463.86 hold at 2103.00 MD | | | | | | | | | |
| 2,200.00 | 40.06 | 179.34 | 2,017.99 | -734.54 | 8.51 | 343.00 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 40.06 | 179.34 | 2,094.53 | -798.90 | 9.26 | 373.05 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 40.06 | 179.34 | 2,171.06 | -863.25 | 10.01 | 403.10 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 40.06 | 179.34 | 2,247.60 | -927.61 | 10.75 | 433.15 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 40.06 | 179.34 | 2,324.14 | -991.96 | 11.50 | 463.20 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 40.06 | 179.34 | 2,400.67 | -1,056.32 | 12.24 | 493.25 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 40.06 | 179.34 | 2,477.21 | -1,120.67 | 12.99 | 523.30 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 40.06 | 179.34 | 2,553.75 | -1,185.03 | 13.74 | 553.36 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 40.06 | 179.34 | 2,630.28 | -1,249.38 | 14.48 | 583.41 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 40.06 | 179.34 | 2,706.82 | -1,313.74 | 15.23 | 613.46 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 40.06 | 179.34 | 2,783.36 | -1,378.09 | 15.97 | 643.51 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 40.06 | 179.34 | 2,859.89 | -1,442.45 | 16.72 | 673.56 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 40.06 | 179.34 | 2,936.43 | -1,506.80 | 17.47 | 703.61 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 40.06 | 179.34 | 3,012.97 | -1,571.16 | 18.21 | 733.66 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 40.06 | 179.34 | 3,089.51 | -1,635.51 | 18.96 | 763.71 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 40.06 | 179.34 | 3,166.04 | -1,699.87 | 19.70 | 793.76 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 40.06 | 179.34 | 3,242.58 | -1,764.22 | 20.45 | 823.81 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 40.06 | 179.34 | 3,319.12 | -1,828.57 | 21.20 | 853.86 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 40.06 | 179.34 | 3,395.65 | -1,892.93 | 21.94 | 883.91 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 40.06 | 179.34 | 3,472.19 | -1,957.28 | 22.69 | 913.97 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 40.06 | 179.34 | 3,548.73 | -2,021.64 | 23.43 | 944.02 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 40.06 | 179.34 | 3,625.26 | -2,085.99 | 24.18 | 974.07 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 40.06 | 179.34 | 3,701.80 | -2,150.35 | 24.93 | 1,004.12 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 40.06 | 179.34 | 3,778.34 | -2,214.70 | 25.67 | 1,034.17 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 40.06 | 179.34 | 3,854.87 | -2,279.06 | 26.42 | 1,064.22 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 40.06 | 179.34 | 3,931.41 | -2,343.41 | 27.16 | 1,094.27 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 40.06 | 179.34 | 4,007.95 | -2,407.77 | 27.91 | 1,124.32 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 40.06 | 179.34 | 4,084.49 | -2,472.12 | 28.66 | 1,154.37 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 40.06 | 179.34 | 4,161.02 | -2,536.48 | 29.40 | 1,184.42 | 0.00 | 0.00 | 0.00 |

Planning Report

| | | | |
|------------------|--------------------------|-------------------------------------|-------------------------------|
| Database: | EDT_32Bit_ODBC | Local Co-ordinate Reference: | Well COYOTE TRAILS 33W-15-11N |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB 25' @ 5269.00usft |
| Project: | WELD COUNTY | MD Reference: | KB 25' @ 5269.00usft |
| Site: | Sec 28-T1N-R68W | North Reference: | True |
| Well: | COYOTE TRAILS 33W-15-11N | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL 1 | | |

| Planned Survey | | | | | | | | | | |
|---------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 5,100.00 | 40.06 | 179.34 | 4,237.56 | -2,600.83 | 30.15 | 1,214.47 | 0.00 | 0.00 | 0.00 | |
| 5,200.00 | 40.06 | 179.34 | 4,314.10 | -2,665.19 | 30.89 | 1,244.53 | 0.00 | 0.00 | 0.00 | |
| 5,300.00 | 40.06 | 179.34 | 4,390.63 | -2,729.54 | 31.64 | 1,274.58 | 0.00 | 0.00 | 0.00 | |
| 5,364.50 | 40.06 | 179.34 | 4,440.00 | -2,771.05 | 32.12 | 1,293.96 | 0.00 | 0.00 | 0.00 | |
| PARKMAN | | | | | | | | | | |
| 5,400.00 | 40.06 | 179.34 | 4,467.17 | -2,793.90 | 32.38 | 1,304.63 | 0.00 | 0.00 | 0.00 | |
| 5,500.00 | 40.06 | 179.34 | 4,543.71 | -2,858.25 | 33.13 | 1,334.68 | 0.00 | 0.00 | 0.00 | |
| 5,600.00 | 40.06 | 179.34 | 4,620.24 | -2,922.61 | 33.88 | 1,364.73 | 0.00 | 0.00 | 0.00 | |
| 5,700.00 | 40.06 | 179.34 | 4,696.78 | -2,986.96 | 34.62 | 1,394.78 | 0.00 | 0.00 | 0.00 | |
| 5,800.00 | 40.06 | 179.34 | 4,773.32 | -3,051.32 | 35.37 | 1,424.83 | 0.00 | 0.00 | 0.00 | |
| 5,900.00 | 40.06 | 179.34 | 4,849.85 | -3,115.67 | 36.11 | 1,454.88 | 0.00 | 0.00 | 0.00 | |
| 5,978.58 | 40.06 | 179.34 | 4,910.00 | -3,166.24 | 36.70 | 1,478.50 | 0.00 | 0.00 | 0.00 | |
| SUSSEX | | | | | | | | | | |
| 6,000.00 | 40.06 | 179.34 | 4,926.39 | -3,180.03 | 36.86 | 1,484.93 | 0.00 | 0.00 | 0.00 | |
| 6,100.00 | 40.06 | 179.34 | 5,002.93 | -3,244.38 | 37.61 | 1,514.98 | 0.00 | 0.00 | 0.00 | |
| 6,200.00 | 40.06 | 179.34 | 5,079.47 | -3,308.74 | 38.35 | 1,545.03 | 0.00 | 0.00 | 0.00 | |
| 6,300.00 | 40.06 | 179.34 | 5,156.00 | -3,373.09 | 39.10 | 1,575.08 | 0.00 | 0.00 | 0.00 | |
| 6,400.00 | 40.06 | 179.34 | 5,232.54 | -3,437.45 | 39.84 | 1,605.14 | 0.00 | 0.00 | 0.00 | |
| 6,500.00 | 40.06 | 179.34 | 5,309.08 | -3,501.80 | 40.59 | 1,635.19 | 0.00 | 0.00 | 0.00 | |
| 6,566.86 | 40.06 | 179.34 | 5,360.25 | -3,544.83 | 41.09 | 1,655.28 | 0.00 | 0.00 | 0.00 | |
| Start Drop -2.00 | | | | | | | | | | |
| 6,600.00 | 39.40 | 179.34 | 5,385.74 | -3,566.01 | 41.33 | 1,665.17 | 2.00 | -2.00 | 0.00 | |
| 6,700.00 | 37.40 | 179.34 | 5,464.10 | -3,628.11 | 42.05 | 1,694.17 | 2.00 | -2.00 | 0.00 | |
| 6,800.00 | 35.40 | 179.34 | 5,544.59 | -3,687.44 | 42.74 | 1,721.87 | 2.00 | -2.00 | 0.00 | |
| 6,900.00 | 33.40 | 179.34 | 5,627.10 | -3,743.93 | 43.40 | 1,748.25 | 2.00 | -2.00 | 0.00 | |
| 7,000.00 | 31.40 | 179.34 | 5,711.53 | -3,797.50 | 44.02 | 1,773.27 | 2.00 | -2.00 | 0.00 | |
| 7,100.00 | 29.40 | 179.34 | 5,797.78 | -3,848.10 | 44.60 | 1,796.89 | 2.00 | -2.00 | 0.00 | |
| 7,200.00 | 27.40 | 179.34 | 5,885.74 | -3,895.65 | 45.16 | 1,819.10 | 2.00 | -2.00 | 0.00 | |
| 7,300.00 | 25.40 | 179.34 | 5,975.31 | -3,940.10 | 45.67 | 1,839.85 | 2.00 | -2.00 | 0.00 | |
| 7,400.00 | 23.40 | 179.34 | 6,066.38 | -3,981.40 | 46.15 | 1,859.14 | 2.00 | -2.00 | 0.00 | |
| 7,500.00 | 21.40 | 179.34 | 6,158.83 | -4,019.50 | 46.59 | 1,876.93 | 2.00 | -2.00 | 0.00 | |
| 7,600.00 | 19.40 | 179.34 | 6,252.56 | -4,054.35 | 47.00 | 1,893.20 | 2.00 | -2.00 | 0.00 | |
| 7,700.00 | 17.40 | 179.34 | 6,347.44 | -4,085.91 | 47.36 | 1,907.94 | 2.00 | -2.00 | 0.00 | |
| 7,800.00 | 15.40 | 179.34 | 6,443.37 | -4,114.13 | 47.69 | 1,921.12 | 2.00 | -2.00 | 0.00 | |
| 7,900.00 | 13.40 | 179.34 | 6,540.22 | -4,139.00 | 47.98 | 1,932.73 | 2.00 | -2.00 | 0.00 | |
| 8,000.00 | 11.40 | 179.34 | 6,637.89 | -4,160.46 | 48.23 | 1,942.75 | 2.00 | -2.00 | 0.00 | |
| 8,100.00 | 9.40 | 179.34 | 6,736.24 | -4,178.51 | 48.43 | 1,951.18 | 2.00 | -2.00 | 0.00 | |
| 8,200.00 | 7.40 | 179.34 | 6,835.16 | -4,193.11 | 48.60 | 1,958.00 | 2.00 | -2.00 | 0.00 | |
| 8,300.00 | 5.40 | 179.34 | 6,934.53 | -4,204.25 | 48.73 | 1,963.20 | 2.00 | -2.00 | 0.00 | |
| 8,400.00 | 3.40 | 179.34 | 7,034.23 | -4,211.92 | 48.82 | 1,966.78 | 2.00 | -2.00 | 0.00 | |
| 8,500.00 | 1.40 | 179.34 | 7,134.14 | -4,216.10 | 48.87 | 1,968.73 | 2.00 | -2.00 | 0.00 | |
| 8,569.87 | 0.00 | 0.00 | 7,204.00 | -4,216.95 | 48.88 | 1,969.13 | 2.00 | -2.00 | -256.69 | |
| Start 30.00 hold at 8569.87 MD | | | | | | | | | | |
| 8,599.87 | 0.00 | 0.00 | 7,234.00 | -4,216.95 | 48.88 | 1,969.13 | 0.00 | 0.00 | 0.00 | |
| Start DLS 10.00 TFO 269.90 | | | | | | | | | | |
| 8,650.00 | 5.01 | 269.90 | 7,284.07 | -4,216.95 | 46.69 | 1,971.06 | 10.00 | 10.00 | 0.00 | |
| 8,700.00 | 10.01 | 269.90 | 7,333.63 | -4,216.96 | 40.15 | 1,976.81 | 10.00 | 10.00 | 0.00 | |
| 8,750.00 | 15.01 | 269.90 | 7,382.42 | -4,216.98 | 29.32 | 1,986.33 | 10.00 | 10.00 | 0.00 | |
| 8,800.00 | 20.01 | 269.90 | 7,430.09 | -4,217.01 | 14.28 | 1,999.56 | 10.00 | 10.00 | 0.00 | |
| 8,850.00 | 25.01 | 269.90 | 7,476.27 | -4,217.04 | -4.85 | 2,016.40 | 10.00 | 10.00 | 0.00 | |
| 8,900.00 | 30.01 | 269.90 | 7,520.60 | -4,217.08 | -27.94 | 2,036.71 | 10.00 | 10.00 | 0.00 | |
| 8,950.00 | 35.01 | 269.90 | 7,562.75 | -4,217.12 | -54.81 | 2,060.34 | 10.00 | 10.00 | 0.00 | |
| 9,000.00 | 40.01 | 269.90 | 7,602.40 | -4,217.18 | -85.24 | 2,087.11 | 10.00 | 10.00 | 0.00 | |
| 9,010.00 | 41.01 | 269.90 | 7,610.00 | -4,217.19 | -91.74 | 2,092.82 | 10.00 | 10.00 | 0.00 | |

Planning Report

| | | | |
|------------------|--------------------------|-------------------------------------|-------------------------------|
| Database: | EDT_32Bit_ODBC | Local Co-ordinate Reference: | Well COYOTE TRAILS 33W-15-11N |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB 25' @ 5269.00usft |
| Project: | WELD COUNTY | MD Reference: | KB 25' @ 5269.00usft |
| Site: | Sec 28-T1N-R68W | North Reference: | True |
| Well: | COYOTE TRAILS 33W-15-11N | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL 1 | | |

| Planned Survey | | | | | | | | | |
|----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| SHARON SPRINGS | | | | | | | | | |
| 9,050.00 | 45.01 | 269.90 | 7,639.24 | -4,217.23 | -119.02 | 2,116.82 | 10.00 | 10.00 | 0.00 |
| 9,065.42 | 46.55 | 269.90 | 7,650.00 | -4,217.25 | -130.07 | 2,126.54 | 10.00 | 10.00 | 0.00 |
| NIOBRARA | | | | | | | | | |
| 9,100.00 | 50.01 | 269.90 | 7,673.01 | -4,217.29 | -155.88 | 2,149.24 | 10.00 | 10.00 | 0.00 |
| 9,150.00 | 55.01 | 269.90 | 7,703.43 | -4,217.36 | -195.54 | 2,184.13 | 10.00 | 10.00 | 0.00 |
| 9,200.00 | 60.01 | 269.90 | 7,730.28 | -4,217.43 | -237.70 | 2,221.21 | 10.00 | 10.00 | 0.00 |
| 9,250.00 | 65.01 | 269.90 | 7,753.35 | -4,217.51 | -282.04 | 2,260.21 | 10.00 | 10.00 | 0.00 |
| 9,300.00 | 70.01 | 269.90 | 7,772.47 | -4,217.58 | -328.22 | 2,300.84 | 10.00 | 10.00 | 0.00 |
| 9,350.00 | 75.01 | 269.90 | 7,787.50 | -4,217.66 | -375.89 | 2,342.77 | 10.00 | 10.00 | 0.00 |
| 9,392.72 | 79.28 | 269.90 | 7,797.00 | -4,217.73 | -417.54 | 2,379.40 | 10.00 | 10.00 | 0.00 |
| NIO B | | | | | | | | | |
| 9,400.00 | 80.01 | 269.90 | 7,798.31 | -4,217.75 | -424.69 | 2,385.70 | 10.00 | 10.00 | 0.00 |
| 9,450.00 | 85.01 | 269.90 | 7,804.83 | -4,217.83 | -474.25 | 2,429.29 | 10.00 | 10.00 | 0.00 |
| 9,499.93 | 90.00 | 269.90 | 7,807.00 | -4,217.91 | -524.12 | 2,473.16 | 10.00 | 10.00 | 0.00 |
| Start DLS 0.00 TFO -88.18 | | | | | | | | | |
| 9,600.00 | 90.00 | 269.90 | 7,807.00 | -4,218.08 | -624.19 | 2,561.18 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 90.00 | 269.90 | 7,807.00 | -4,218.25 | -724.19 | 2,649.14 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 90.00 | 269.90 | 7,807.00 | -4,218.42 | -824.19 | 2,737.11 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 90.00 | 269.90 | 7,807.00 | -4,218.59 | -924.19 | 2,825.07 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 90.00 | 269.90 | 7,807.00 | -4,218.76 | -1,024.19 | 2,913.03 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 90.00 | 269.90 | 7,807.00 | -4,218.93 | -1,124.19 | 3,000.99 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 90.00 | 269.90 | 7,807.00 | -4,219.10 | -1,224.19 | 3,088.96 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 90.00 | 269.90 | 7,807.00 | -4,219.27 | -1,324.19 | 3,176.92 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 90.00 | 269.90 | 7,807.00 | -4,219.43 | -1,424.19 | 3,264.88 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 90.00 | 269.90 | 7,807.00 | -4,219.60 | -1,524.19 | 3,352.85 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 90.00 | 269.90 | 7,807.00 | -4,219.77 | -1,624.19 | 3,440.81 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 90.00 | 269.90 | 7,807.00 | -4,219.94 | -1,724.19 | 3,528.77 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 90.00 | 269.90 | 7,807.00 | -4,220.11 | -1,824.19 | 3,616.74 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 90.00 | 269.90 | 7,807.00 | -4,220.28 | -1,924.19 | 3,704.70 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 90.00 | 269.90 | 7,807.00 | -4,220.46 | -2,024.19 | 3,792.67 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 90.00 | 269.90 | 7,807.00 | -4,220.63 | -2,124.19 | 3,880.63 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 90.00 | 269.90 | 7,807.00 | -4,220.80 | -2,224.19 | 3,968.59 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 90.00 | 269.90 | 7,807.00 | -4,220.97 | -2,324.19 | 4,056.56 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 90.00 | 269.90 | 7,807.00 | -4,221.14 | -2,424.19 | 4,144.52 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 90.00 | 269.90 | 7,807.00 | -4,221.31 | -2,524.18 | 4,232.49 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 90.00 | 269.90 | 7,807.00 | -4,221.48 | -2,624.18 | 4,320.45 | 0.00 | 0.00 | 0.00 |
| 11,700.00 | 90.00 | 269.90 | 7,807.00 | -4,221.65 | -2,724.18 | 4,408.41 | 0.00 | 0.00 | 0.00 |
| 11,800.00 | 90.00 | 269.90 | 7,807.00 | -4,221.82 | -2,824.18 | 4,496.38 | 0.00 | 0.00 | 0.00 |
| 11,900.00 | 90.00 | 269.90 | 7,807.00 | -4,222.00 | -2,924.18 | 4,584.34 | 0.00 | 0.00 | 0.00 |
| 12,000.00 | 90.00 | 269.90 | 7,807.00 | -4,222.17 | -3,024.18 | 4,672.31 | 0.00 | 0.00 | 0.00 |
| 12,100.00 | 90.00 | 269.90 | 7,807.00 | -4,222.34 | -3,124.18 | 4,760.27 | 0.00 | 0.00 | 0.00 |
| 12,200.00 | 90.00 | 269.90 | 7,807.00 | -4,222.51 | -3,224.18 | 4,848.24 | 0.00 | 0.00 | 0.00 |
| 12,300.00 | 90.00 | 269.90 | 7,807.00 | -4,222.68 | -3,324.18 | 4,936.20 | 0.00 | 0.00 | 0.00 |
| 12,400.00 | 90.00 | 269.90 | 7,807.00 | -4,222.86 | -3,424.18 | 5,024.17 | 0.00 | 0.00 | 0.00 |
| 12,500.00 | 90.00 | 269.90 | 7,807.00 | -4,223.03 | -3,524.18 | 5,112.13 | 0.00 | 0.00 | 0.00 |
| 12,600.00 | 90.00 | 269.90 | 7,807.00 | -4,223.20 | -3,624.18 | 5,200.10 | 0.00 | 0.00 | 0.00 |
| 12,700.00 | 90.00 | 269.90 | 7,807.00 | -4,223.38 | -3,724.18 | 5,288.06 | 0.00 | 0.00 | 0.00 |
| 12,800.00 | 90.00 | 269.90 | 7,807.00 | -4,223.55 | -3,824.18 | 5,376.03 | 0.00 | 0.00 | 0.00 |
| 12,900.00 | 90.00 | 269.90 | 7,807.00 | -4,223.72 | -3,924.18 | 5,463.99 | 0.00 | 0.00 | 0.00 |
| 13,000.00 | 90.00 | 269.90 | 7,807.00 | -4,223.90 | -4,024.18 | 5,551.96 | 0.00 | 0.00 | 0.00 |
| 13,100.00 | 90.00 | 269.90 | 7,807.00 | -4,224.07 | -4,124.18 | 5,639.92 | 0.00 | 0.00 | 0.00 |
| 13,200.00 | 90.00 | 269.90 | 7,807.00 | -4,224.24 | -4,224.18 | 5,727.89 | 0.00 | 0.00 | 0.00 |

Planning Report

| | | | |
|------------------|--------------------------|-------------------------------------|-------------------------------|
| Database: | EDT_32Bit_ODBC | Local Co-ordinate Reference: | Well COYOTE TRAILS 33W-15-11N |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB 25' @ 5269.00usft |
| Project: | WELD COUNTY | MD Reference: | KB 25' @ 5269.00usft |
| Site: | Sec 28-T1N-R68W | North Reference: | True |
| Well: | COYOTE TRAILS 33W-15-11N | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL 1 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 13,300.00 | 90.00 | 269.90 | 7,807.00 | -4,224.42 | -4,324.18 | 5,815.85 | 0.00 | 0.00 | 0.00 | |
| 13,400.00 | 90.00 | 269.90 | 7,807.00 | -4,224.59 | -4,424.18 | 5,903.82 | 0.00 | 0.00 | 0.00 | |
| 13,500.00 | 90.00 | 269.90 | 7,807.00 | -4,224.76 | -4,524.18 | 5,991.78 | 0.00 | 0.00 | 0.00 | |
| 13,600.00 | 90.00 | 269.90 | 7,807.00 | -4,224.94 | -4,624.18 | 6,079.75 | 0.00 | 0.00 | 0.00 | |
| 13,700.00 | 90.00 | 269.90 | 7,807.00 | -4,225.11 | -4,724.18 | 6,167.71 | 0.00 | 0.00 | 0.00 | |
| 13,800.00 | 90.00 | 269.90 | 7,807.00 | -4,225.29 | -4,824.18 | 6,255.68 | 0.00 | 0.00 | 0.00 | |
| 13,900.00 | 90.00 | 269.90 | 7,807.00 | -4,225.46 | -4,924.18 | 6,343.65 | 0.00 | 0.00 | 0.00 | |
| 14,000.00 | 90.00 | 269.90 | 7,807.00 | -4,225.64 | -5,024.18 | 6,431.61 | 0.00 | 0.00 | 0.00 | |
| 14,100.00 | 90.00 | 269.90 | 7,807.00 | -4,225.81 | -5,124.18 | 6,519.58 | 0.00 | 0.00 | 0.00 | |
| 14,200.00 | 90.00 | 269.90 | 7,807.00 | -4,225.99 | -5,224.18 | 6,607.54 | 0.00 | 0.00 | 0.00 | |
| 14,300.00 | 90.00 | 269.90 | 7,807.00 | -4,226.16 | -5,324.18 | 6,695.51 | 0.00 | 0.00 | 0.00 | |
| 14,400.00 | 90.00 | 269.90 | 7,807.00 | -4,226.34 | -5,424.18 | 6,783.48 | 0.00 | 0.00 | 0.00 | |
| 14,500.00 | 90.00 | 269.90 | 7,807.00 | -4,226.52 | -5,524.18 | 6,871.44 | 0.00 | 0.00 | 0.00 | |
| 14,600.00 | 90.00 | 269.90 | 7,807.00 | -4,226.69 | -5,624.18 | 6,959.41 | 0.00 | 0.00 | 0.00 | |
| 14,700.00 | 90.00 | 269.90 | 7,807.00 | -4,226.87 | -5,724.18 | 7,047.38 | 0.00 | 0.00 | 0.00 | |
| 14,800.00 | 90.00 | 269.90 | 7,807.00 | -4,227.04 | -5,824.18 | 7,135.34 | 0.00 | 0.00 | 0.00 | |
| 14,900.00 | 90.00 | 269.90 | 7,807.00 | -4,227.22 | -5,924.18 | 7,223.31 | 0.00 | 0.00 | 0.00 | |
| 15,000.00 | 90.00 | 269.90 | 7,807.00 | -4,227.40 | -6,024.18 | 7,311.28 | 0.00 | 0.00 | 0.00 | |
| 15,100.00 | 90.00 | 269.90 | 7,807.00 | -4,227.57 | -6,124.18 | 7,399.24 | 0.00 | 0.00 | 0.00 | |
| 15,200.00 | 90.00 | 269.90 | 7,807.00 | -4,227.75 | -6,224.18 | 7,487.21 | 0.00 | 0.00 | 0.00 | |
| 15,300.00 | 90.00 | 269.90 | 7,807.00 | -4,227.93 | -6,324.18 | 7,575.18 | 0.00 | 0.00 | 0.00 | |
| 15,400.00 | 90.00 | 269.90 | 7,807.00 | -4,228.10 | -6,424.18 | 7,663.14 | 0.00 | 0.00 | 0.00 | |
| 15,500.00 | 90.00 | 269.90 | 7,807.00 | -4,228.28 | -6,524.18 | 7,751.11 | 0.00 | 0.00 | 0.00 | |
| 15,600.00 | 90.00 | 269.90 | 7,807.00 | -4,228.46 | -6,624.18 | 7,839.08 | 0.00 | 0.00 | 0.00 | |
| 15,700.00 | 90.00 | 269.90 | 7,807.00 | -4,228.64 | -6,724.18 | 7,927.04 | 0.00 | 0.00 | 0.00 | |
| 15,800.00 | 90.00 | 269.90 | 7,807.00 | -4,228.81 | -6,824.18 | 8,015.01 | 0.00 | 0.00 | 0.00 | |
| 15,900.00 | 90.00 | 269.90 | 7,807.00 | -4,228.99 | -6,924.18 | 8,102.98 | 0.00 | 0.00 | 0.00 | |
| 16,000.00 | 90.00 | 269.90 | 7,807.00 | -4,229.17 | -7,024.18 | 8,190.95 | 0.00 | 0.00 | 0.00 | |
| 16,100.00 | 90.00 | 269.90 | 7,807.00 | -4,229.35 | -7,124.18 | 8,278.91 | 0.00 | 0.00 | 0.00 | |
| 16,200.00 | 90.00 | 269.90 | 7,807.00 | -4,229.52 | -7,224.18 | 8,366.88 | 0.00 | 0.00 | 0.00 | |
| 16,300.00 | 90.00 | 269.90 | 7,807.00 | -4,229.70 | -7,324.18 | 8,454.85 | 0.00 | 0.00 | 0.00 | |
| 16,400.00 | 90.00 | 269.90 | 7,807.00 | -4,229.88 | -7,424.18 | 8,542.82 | 0.00 | 0.00 | 0.00 | |
| 16,500.00 | 90.00 | 269.90 | 7,807.00 | -4,230.06 | -7,524.18 | 8,630.78 | 0.00 | 0.00 | 0.00 | |
| 16,600.00 | 90.00 | 269.90 | 7,807.00 | -4,230.24 | -7,624.18 | 8,718.75 | 0.00 | 0.00 | 0.00 | |
| 16,700.00 | 90.00 | 269.90 | 7,807.00 | -4,230.42 | -7,724.18 | 8,806.72 | 0.00 | 0.00 | 0.00 | |
| 16,767.85 | 90.00 | 269.90 | 7,807.00 | -4,230.54 | -7,792.03 | 8,866.40 | 0.00 | 0.00 | 0.00 | |
| TD at 16767.85 | | | | | | | | | | |

| Design Targets | | | | | | | | | | |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------------|------------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude | |
| - hit/miss target | | | | | | | | | | |
| - Shape | | | | | | | | | | |
| CT 33W-11N PBHL | 0.00 | 0.00 | 7,807.00 | -4,230.54 | -7,792.03 | 1,245,504.91 | 3,130,213.57 | 40° 0' 22.896 N | 105° 2' 6.580 W | |
| - plan hits target center | | | | | | | | | | |
| - Point | | | | | | | | | | |
| CT 33W-11N LP | 0.00 | 0.00 | 7,807.00 | -4,217.91 | -524.12 | 1,245,557.91 | 3,137,481.30 | 40° 0' 23.033 N | 105° 0' 33.178 W | |
| - plan hits target center | | | | | | | | | | |
| - Point | | | | | | | | | | |

Planning Report

| | | | |
|------------------|--------------------------|-------------------------------------|-------------------------------|
| Database: | EDT_32Bit_ODBC | Local Co-ordinate Reference: | Well COYOTE TRAILS 33W-15-11N |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB 25' @ 5269.00usft |
| Project: | WELD COUNTY | MD Reference: | KB 25' @ 5269.00usft |
| Site: | Sec 28-T1N-R68W | North Reference: | True |
| Well: | COYOTE TRAILS 33W-15-11N | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL 1 | | |

| Formations | | | | | | |
|-----------------------|-----------------------|----------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 5,364.50 | 4,440.00 | PARKMAN | | | | |
| 5,978.58 | 4,910.00 | SUSSEX | | | | |
| 9,010.00 | 7,610.00 | SHARON SPRINGS | | | | |
| 9,065.42 | 7,650.00 | NIOBRARA | | | | |
| 9,392.72 | 7,797.00 | NIO B | | | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 100.00 | 100.00 | 0.00 | 0.00 | Start Build 2.00 | |
| 2,103.00 | 1,943.75 | -672.12 | 7.79 | Start 4463.86 hold at 2103.00 MD | |
| 6,566.86 | 5,360.25 | -3,544.83 | 41.09 | Start Drop -2.00 | |
| 8,569.87 | 7,204.00 | -4,216.95 | 48.88 | Start 30.00 hold at 8569.87 MD | |
| 8,599.87 | 7,234.00 | -4,216.95 | 48.88 | Start DLS 10.00 TFO 269.90 | |
| 9,499.93 | 7,807.00 | -4,217.91 | -524.12 | Start DLS 0.00 TFO -88.18 | |
| 16,767.85 | 7,807.00 | -4,230.54 | -7,792.03 | TD at 16767.85 | |