

US ROCKIES WATTENBERG PLANNING

WELD-NAD83-UTMFT13N

1N-68W-21 WINDSOCK 15-21HZ PAD

WINDSOCK 21-11HZ

Plan A

Plan: Permit Rev-1

SHL Lat/Long: 40.030089/-105.007234

Survey Program: MWD+IFR

Standard Planning Report

26 November, 2018

Project: WELD-NAD83-UTMFT13N
Site: 1N-68W-21 WINDSOCK 15-21HZ PAD
Well: WINDSOCK 21-11HZ
Wellbore: Plan A
Design: Permit Rev-1

US ROCKIES WATTENBERG PLANNING

CASING DETAILS

| TVD | MD | Name | Size |
|---------|---------|-------------------|-------|
| 1500.00 | 1526.50 | 9 5/8" Csg | 9-5/8 |
| 7894.00 | 8521.78 | Top of Production | 5-1/2 |

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 | 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1520.00 | 19.80 | 134.40 | 1493.88 | -158.00 | 161.34 | 1.50 | 134.40 | -152.18 | |
| 4 | 4320.00 | 19.80 | 134.40 | 4128.35 | -821.60 | 838.99 | 0.00 | 0.00 | -791.37 | |
| 5 | 5310.00 | 0.00 | 0.00 | 5098.76 | -940.10 | 960.00 | 2.00 | 180.00 | -905.51 | |
| 6 | 7389.08 | 0.00 | 0.00 | 7177.84 | -940.10 | 960.00 | 0.00 | 0.00 | -905.51 | |
| 7 | 8521.78 | 90.62 | 4.58 | 7894.00 | -218.51 | 1017.75 | 8.00 | 4.58 | -182.32 | |
| 8 | 10204.68 | 90.62 | 4.58 | 7875.90 | 1458.92 | 1152.01 | 0.00 | 0.00 | 1498.82 | WINDSOCK 21-11HZ_target |
| 9 | 10502.90 | 90.62 | 0.10 | 7872.69 | 1756.80 | 1164.17 | 1.50 | -89.97 | 1796.94 | |
| 10 | 13724.18 | 90.62 | 0.10 | 7838.00 | 4977.89 | 1169.93 | 0.00 | 0.00 | 5016.21 | WINDSOCK 21-11HZ_BHL |

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude |
|----------------------|---------|---------|---------|-----------|-------------|
| WINDSOCK 21-11HZ_SHL | 0.00 | 0.00 | 0.00 | 40.030089 | -105.007234 |
| WINDSOCK 21-11HZ_BHL | 7838.00 | 4977.89 | 1169.93 | 40.043759 | -105.003054 |

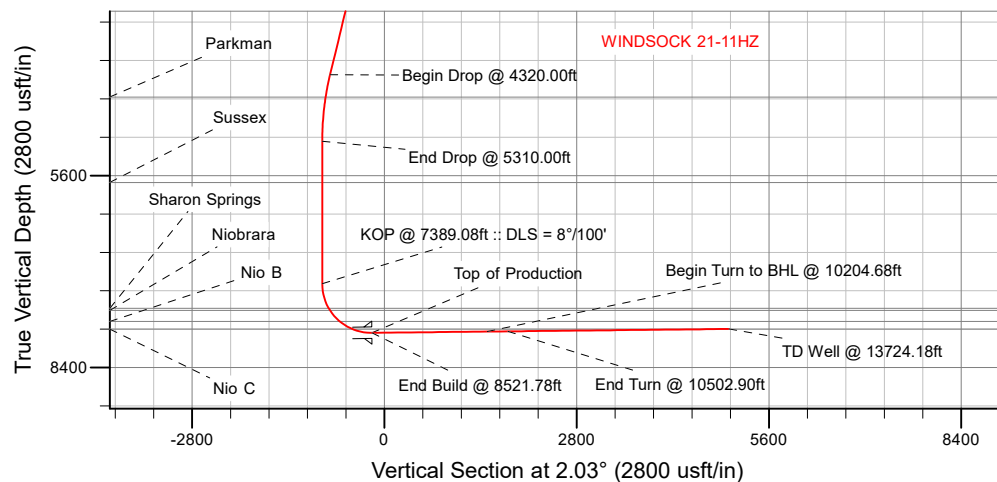
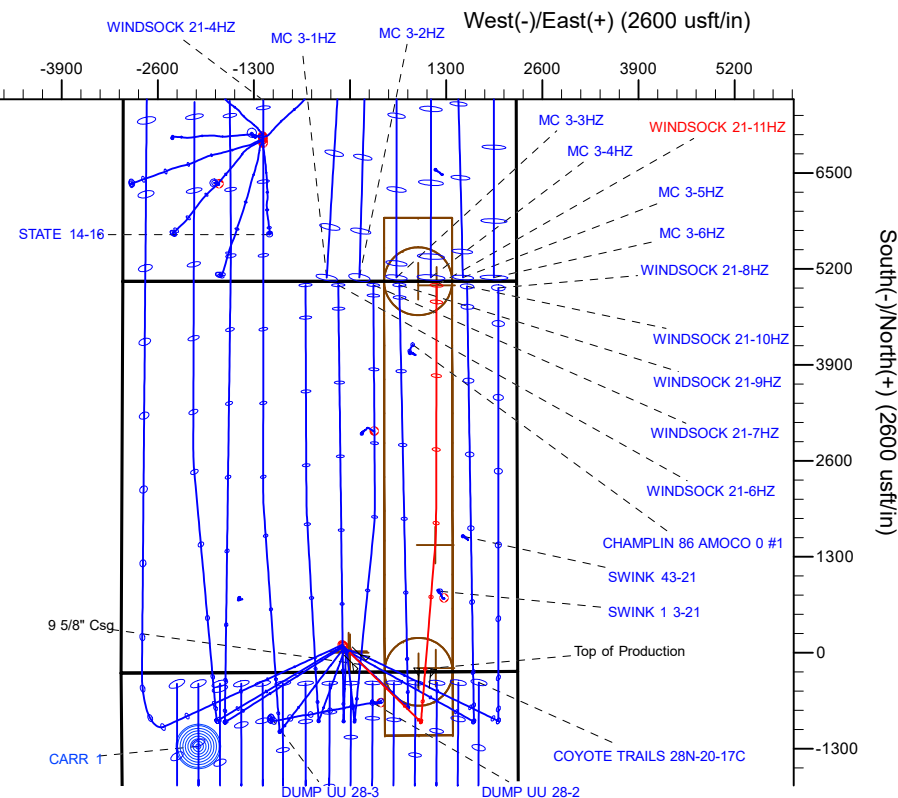
SHL
263' FSL
2269' FEL

HEEL
39' FSL
1251' FEL

BHL
55' FNL
1083' FEL

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|----------------|
| 1309.00 | 1325.20 | Fox Hills |
| 4456.00 | 4661.72 | Parkman |
| 5701.00 | 5912.24 | Sussex |
| 7535.00 | 7762.99 | Sharon Springs |
| 7567.00 | 7800.49 | Niobrara |
| 7729.00 | 8018.01 | Nio B |
| 7840.00 | 8234.08 | Nio C |



WELL DETAILS: WINDSOCK 21-11HZ

GL = 5222'

RKB = 17' @ 5239.00usft (Drilling Rig)

Plan: Permit Rev-1 (WINDSOCK 21-11HZ/Plan A)

Date: 11/27/2018

Corporate Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | PLANNING | Local Co-ordinate Reference: | Well WINDSOCK 21-11HZ |
| Company: | US ROCKIES WATTENBERG PLANNING | TVD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Project: | WELD-NAD83-UTMFT13N | MD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Site: | 1N-68W-21 WINDSOCK 15-21HZ PAD | North Reference: | True |
| Well: | WINDSOCK 21-11HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Permit Rev-1 | | |

| | | | |
|--------------------|--|----------------------|----------------|
| Project | WELD-NAD83-UTMFT13N | | |
| Map System: | Universal Transverse Mercator (US Survey Feet) | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Zone 13N (108 W to 102 W) | | |

| | | | | | |
|-----------------------|-----------|--------------------------------|--------------------|-------------------|-------------|
| Site | | 1N-68W-21 WINDSOCK 15-21HZ PAD | | | |
| Site Position: | | Northing: | 14,537,796.91 usft | Latitude: | 40.030382 |
| From: | Lat/Long | Easting: | 1,638,286.42 usft | Longitude: | -105.007610 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.00 ° |

| Well | WINDSOCK 21-11HZ | | | | | |
|----------------------|------------------|--------------|---------------------|--------------------|---------------|---------------|
| Well Position | +N/-S | -106.69 usft | Northing: | 14,537,690.21 usft | Latitude: | 40.030089 |
| | +E/-W | 105.25 usft | Easting: | 1,638,391.66 usft | Longitude: | -105.007234 |
| Position Uncertainty | | 3.28 usft | Wellhead Elevation: | | Ground Level: | 5,222.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Plan A | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2015 | 11/19/2018 | 8.16 | 66.49 | 52,008.54808988 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Permit Rev-1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 2.03 |

| | | | | |
|---------------------------------|------------------------|--------------------------|-----------------------|---|
| Plan Survey Tool Program | Date | 11/24/2018 | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 1,500.00 | Permit Rev-1 (Plan A) | APC_ISCWSA REV 2 MWD+I Fixed:v2:crustal field declinatio |
| 2 | 1,500.00 | 13,724.18 | Permit Rev-1 (Plan A) | APC_ISCWSA REV 2 MWD+I Fixed:v2:crustal field declinatio |

Corporate Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | PLANNING | Local Co-ordinate Reference: | Well WINDSOCK 21-11HZ |
| Company: | US ROCKIES WATTENBERG PLANNING | TVD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Project: | WELD-NAD83-UTMFT13N | MD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Site: | 1N-68W-21 WINDSOCK 15-21HZ PAD | North Reference: | True |
| Well: | WINDSOCK 21-11HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Permit Rev-1 | | |

| Plan Sections | | | | | | | | | | |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|-------------------------------|------------------------------|-----------------------------|------------|------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,520.00 | 19.80 | 134.40 | 1,493.88 | -158.00 | 161.34 | 1.50 | 1.50 | 0.00 | 134.40 | |
| 4,320.00 | 19.80 | 134.40 | 4,128.35 | -821.60 | 838.99 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,310.00 | 0.00 | 0.00 | 5,098.76 | -940.10 | 960.00 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 7,389.08 | 0.00 | 0.00 | 7,177.84 | -940.10 | 960.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,521.78 | 90.62 | 4.58 | 7,894.00 | -218.51 | 1,017.75 | 8.00 | 8.00 | 0.40 | 4.58 | |
| 10,204.68 | 90.62 | 4.58 | 7,875.90 | 1,458.92 | 1,152.01 | 0.00 | 0.00 | 0.00 | 0.00 | WINDSOCK 21-11HZ |
| 10,502.90 | 90.62 | 0.10 | 7,872.69 | 1,756.80 | 1,164.17 | 1.50 | 0.00 | -1.50 | -89.97 | |
| 13,724.18 | 90.62 | 0.10 | 7,838.00 | 4,977.89 | 1,169.93 | 0.00 | 0.00 | 0.00 | 0.00 | WINDSOCK 21-11HZ |

Corporate Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|--|
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| Company: | US ROCKIES WATTENBERG PLANNING | TVD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Project: | WELD-NAD83-UTMFT13N | MD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Site: | 1N-68W-21 WINDSOCK 15-21HZ PAD | North Reference: | True |
| Well: | WINDSOCK 21-11HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Permit Rev-1 | | |

| Planned Survey | | | | | | | | | |
|--------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Begin Nudge @ 200.00ft | | | | | | | | | |
| 300.00 | 1.50 | 134.40 | 299.99 | -0.92 | 0.94 | -0.88 | 1.50 | 1.50 | 0.00 |
| 400.00 | 3.00 | 134.40 | 399.91 | -3.66 | 3.74 | -3.53 | 1.50 | 1.50 | 0.00 |
| 500.00 | 4.50 | 134.40 | 499.69 | -8.24 | 8.41 | -7.94 | 1.50 | 1.50 | 0.00 |
| 600.00 | 6.00 | 134.40 | 599.27 | -14.64 | 14.95 | -14.10 | 1.50 | 1.50 | 0.00 |
| 700.00 | 7.50 | 134.40 | 698.57 | -22.86 | 23.35 | -22.02 | 1.50 | 1.50 | 0.00 |
| 800.00 | 9.00 | 134.40 | 797.54 | -32.90 | 33.60 | -31.69 | 1.50 | 1.50 | 0.00 |
| 900.00 | 10.50 | 134.40 | 896.09 | -44.75 | 45.70 | -43.10 | 1.50 | 1.50 | 0.00 |
| 1,000.00 | 12.00 | 134.40 | 994.16 | -58.40 | 59.64 | -56.25 | 1.50 | 1.50 | 0.00 |
| 1,100.00 | 13.50 | 134.40 | 1,091.70 | -73.84 | 75.40 | -71.12 | 1.50 | 1.50 | 0.00 |
| 1,200.00 | 15.00 | 134.40 | 1,188.62 | -91.06 | 92.99 | -87.71 | 1.50 | 1.50 | 0.00 |
| 1,300.00 | 16.50 | 134.40 | 1,284.86 | -110.05 | 112.38 | -106.00 | 1.50 | 1.50 | 0.00 |
| 1,325.20 | 16.88 | 134.40 | 1,309.00 | -115.12 | 117.56 | -110.88 | 1.50 | 1.50 | 0.00 |
| Fox Hills | | | | | | | | | |
| 1,400.00 | 18.00 | 134.40 | 1,380.36 | -130.80 | 133.57 | -125.99 | 1.50 | 1.50 | 0.00 |
| 1,500.00 | 19.50 | 134.40 | 1,475.05 | -153.29 | 156.54 | -147.65 | 1.50 | 1.50 | 0.00 |
| 1,520.00 | 19.80 | 134.40 | 1,493.88 | -158.00 | 161.34 | -152.18 | 1.50 | 1.50 | 0.00 |
| Hold Tangent @ 1520.00ft | | | | | | | | | |
| 1,526.50 | 19.80 | 134.40 | 1,500.00 | -159.54 | 162.91 | -153.67 | 0.00 | 0.00 | 0.00 |
| 9 5/8" Csg | | | | | | | | | |
| 1,600.00 | 19.80 | 134.40 | 1,569.15 | -176.96 | 180.70 | -170.45 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 19.80 | 134.40 | 1,663.24 | -200.66 | 204.90 | -193.27 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 19.80 | 134.40 | 1,757.33 | -224.36 | 229.11 | -216.10 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 19.80 | 134.40 | 1,851.42 | -248.06 | 253.31 | -238.93 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 19.80 | 134.40 | 1,945.51 | -271.76 | 277.51 | -261.76 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 19.80 | 134.40 | 2,039.59 | -295.46 | 301.71 | -284.59 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 19.80 | 134.40 | 2,133.68 | -319.16 | 325.91 | -307.41 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 19.80 | 134.40 | 2,227.77 | -342.86 | 350.12 | -330.24 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 19.80 | 134.40 | 2,321.86 | -366.56 | 374.32 | -353.07 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 19.80 | 134.40 | 2,415.95 | -390.26 | 398.52 | -375.90 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 19.80 | 134.40 | 2,510.03 | -413.96 | 422.72 | -398.73 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 19.80 | 134.40 | 2,604.12 | -437.66 | 446.92 | -421.55 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 19.80 | 134.40 | 2,698.21 | -461.36 | 471.13 | -444.38 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 19.80 | 134.40 | 2,792.30 | -485.06 | 495.33 | -467.21 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 19.80 | 134.40 | 2,886.39 | -508.76 | 519.53 | -490.04 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 19.80 | 134.40 | 2,980.48 | -532.46 | 543.73 | -512.87 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 19.80 | 134.40 | 3,074.56 | -556.16 | 567.93 | -535.69 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 19.80 | 134.40 | 3,168.65 | -579.86 | 592.14 | -558.52 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 19.80 | 134.40 | 3,262.74 | -603.56 | 616.34 | -581.35 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 19.80 | 134.40 | 3,356.83 | -627.26 | 640.54 | -604.18 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 19.80 | 134.40 | 3,450.92 | -650.96 | 664.74 | -627.01 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 19.80 | 134.40 | 3,545.00 | -674.66 | 688.94 | -649.83 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 19.80 | 134.40 | 3,639.09 | -698.36 | 713.14 | -672.66 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 19.80 | 134.40 | 3,733.18 | -722.06 | 737.35 | -695.49 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 19.80 | 134.40 | 3,827.27 | -745.76 | 761.55 | -718.32 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 19.80 | 134.40 | 3,921.36 | -769.46 | 785.75 | -741.15 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 19.80 | 134.40 | 4,015.44 | -793.16 | 809.95 | -763.98 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 19.80 | 134.40 | 4,109.53 | -816.86 | 834.15 | -786.80 | 0.00 | 0.00 | 0.00 |
| 4,320.00 | 19.80 | 134.40 | 4,128.35 | -821.60 | 838.99 | -791.37 | 0.00 | 0.00 | 0.00 |
| Begin Drop @ 4320.00ft | | | | | | | | | |
| 4,400.00 | 18.20 | 134.40 | 4,203.99 | -839.83 | 857.60 | -808.92 | 2.00 | -2.00 | 0.00 |

Corporate
Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | PLANNING | Local Co-ordinate Reference: | Well WINDSOCK 21-11HZ |
| Company: | US ROCKIES WATTENBERG PLANNING | TVD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Project: | WELD-NAD83-UTMFT13N | MD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Site: | 1N-68W-21 WINDSOCK 15-21HZ PAD | North Reference: | True |
| Well: | WINDSOCK 21-11HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Permit Rev-1 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,500.00 | 16.20 | 134.40 | 4,299.51 | -860.52 | 878.73 | -828.85 | 2.00 | -2.00 | 0.00 |
| 4,600.00 | 14.20 | 134.40 | 4,396.01 | -878.86 | 897.46 | -846.52 | 2.00 | -2.00 | 0.00 |
| 4,661.72 | 12.97 | 134.40 | 4,456.00 | -889.00 | 907.82 | -856.28 | 2.00 | -2.00 | 0.00 |
| Parkman | | | | | | | | | |
| 4,700.00 | 12.20 | 134.40 | 4,493.36 | -894.83 | 913.78 | -861.90 | 2.00 | -2.00 | 0.00 |
| 4,800.00 | 10.20 | 134.40 | 4,591.45 | -908.42 | 927.65 | -874.99 | 2.00 | -2.00 | 0.00 |
| 4,900.00 | 8.20 | 134.40 | 4,690.16 | -919.61 | 939.07 | -885.77 | 2.00 | -2.00 | 0.00 |
| 5,000.00 | 6.20 | 134.40 | 4,789.37 | -928.38 | 948.03 | -894.21 | 2.00 | -2.00 | 0.00 |
| 5,100.00 | 4.20 | 134.40 | 4,888.95 | -934.72 | 954.50 | -900.32 | 2.00 | -2.00 | 0.00 |
| 5,200.00 | 2.20 | 134.40 | 4,988.79 | -938.62 | 958.49 | -904.08 | 2.00 | -2.00 | 0.00 |
| 5,300.00 | 0.20 | 134.40 | 5,088.76 | -940.09 | 959.99 | -905.49 | 2.00 | -2.00 | 0.00 |
| 5,310.00 | 0.00 | 0.00 | 5,098.76 | -940.10 | 960.00 | -905.51 | 2.00 | -2.00 | 0.00 |
| End Drop @ 5310.00ft | | | | | | | | | |
| 5,400.00 | 0.00 | 0.00 | 5,188.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 0.00 | 0.00 | 5,288.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 0.00 | 0.00 | 5,388.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 0.00 | 0.00 | 5,488.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 0.00 | 0.00 | 5,588.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 0.00 | 0.00 | 5,688.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 5,912.24 | 0.00 | 0.00 | 5,701.00 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| Sussex | | | | | | | | | |
| 6,000.00 | 0.00 | 0.00 | 5,788.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 5,888.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 5,988.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 6,088.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 6,188.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,288.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,388.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,488.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,588.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 0.00 | 0.00 | 6,688.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.00 | 6,788.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 0.00 | 0.00 | 6,888.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 0.00 | 0.00 | 6,988.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 7,088.76 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| 7,389.08 | 0.00 | 0.00 | 7,177.84 | -940.10 | 960.00 | -905.51 | 0.00 | 0.00 | 0.00 |
| KOP @ 7389.08ft :: DLS = 8°/100' | | | | | | | | | |
| 7,400.00 | 0.87 | 4.58 | 7,188.76 | -940.02 | 960.01 | -905.42 | 8.00 | 8.00 | 0.00 |
| 7,500.00 | 8.87 | 4.58 | 7,288.32 | -931.56 | 960.68 | -896.94 | 8.00 | 8.00 | 0.00 |
| 7,600.00 | 16.87 | 4.58 | 7,385.73 | -909.37 | 962.46 | -874.70 | 8.00 | 8.00 | 0.00 |
| 7,700.00 | 24.87 | 4.58 | 7,479.09 | -873.88 | 965.30 | -839.14 | 8.00 | 8.00 | 0.00 |
| 7,762.99 | 29.91 | 4.58 | 7,535.00 | -845.00 | 967.61 | -810.19 | 8.00 | 8.00 | 0.00 |
| Sharon Springs | | | | | | | | | |
| 7,800.00 | 32.87 | 4.58 | 7,566.59 | -825.78 | 969.15 | -790.93 | 8.00 | 8.00 | 0.00 |
| 7,800.49 | 32.91 | 4.58 | 7,567.00 | -825.52 | 969.17 | -790.67 | 8.00 | 8.00 | 0.00 |
| Niobrara | | | | | | | | | |
| 7,900.00 | 40.87 | 4.58 | 7,646.52 | -766.02 | 973.93 | -731.04 | 8.00 | 8.00 | 0.00 |
| 8,000.00 | 48.87 | 4.58 | 7,717.33 | -695.75 | 979.56 | -660.61 | 8.00 | 8.00 | 0.00 |
| 8,018.01 | 50.31 | 4.58 | 7,729.00 | -682.07 | 980.65 | -646.91 | 8.00 | 8.00 | 0.00 |
| Nio B | | | | | | | | | |
| 8,100.00 | 56.87 | 4.58 | 7,777.63 | -616.33 | 985.91 | -581.02 | 8.00 | 8.00 | 0.00 |
| 8,200.00 | 64.87 | 4.58 | 7,826.27 | -529.33 | 992.88 | -493.82 | 8.00 | 8.00 | 0.00 |
| 8,234.08 | 67.60 | 4.58 | 7,840.00 | -498.24 | 995.37 | -462.67 | 8.00 | 8.00 | 0.00 |

Corporate Planning Report

| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | PLANNING | Local Co-ordinate Reference: | Well WINDSOCK 21-11HZ |
| Company: | US ROCKIES WATTENBERG PLANNING | TVD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Project: | WELD-NAD83-UTMFT13N | MD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Site: | 1N-68W-21 WINDSOCK 15-21HZ PAD | North Reference: | True |
| Well: | WINDSOCK 21-11HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Permit Rev-1 | | |

| Planned Survey | | | | | | | | | |
|---|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| Nio C | | | | | | | | | |
| 8,300.00 | 72.87 | 4.58 | 7,862.28 | -436.42 | 1,000.31 | -400.71 | 8.00 | 8.00 | 0.00 |
| 8,400.00 | 80.87 | 4.58 | 7,884.97 | -339.42 | 1,008.08 | -303.50 | 8.00 | 8.00 | 0.00 |
| 8,500.00 | 88.87 | 4.58 | 7,893.90 | -240.22 | 1,016.02 | -204.08 | 8.00 | 8.00 | 0.00 |
| 8,521.78 | 90.62 | 4.58 | 7,894.00 | -218.51 | 1,017.75 | -182.32 | 8.00 | 8.00 | 0.00 |
| End Build @ 8521.78ft - Top of Production | | | | | | | | | |
| 8,600.00 | 90.62 | 4.58 | 7,893.16 | -140.55 | 1,023.99 | -104.19 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 90.62 | 4.58 | 7,892.08 | -40.87 | 1,031.97 | -4.29 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 90.62 | 4.58 | 7,891.01 | 58.80 | 1,039.95 | 95.61 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 90.62 | 4.58 | 7,889.93 | 158.48 | 1,047.93 | 195.50 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 90.62 | 4.58 | 7,888.86 | 258.16 | 1,055.90 | 295.40 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 90.62 | 4.58 | 7,887.78 | 357.83 | 1,063.88 | 395.29 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 90.62 | 4.58 | 7,886.70 | 457.51 | 1,071.86 | 495.19 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 90.62 | 4.58 | 7,885.63 | 557.18 | 1,079.84 | 595.08 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 90.62 | 4.58 | 7,884.55 | 656.86 | 1,087.81 | 694.98 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 90.62 | 4.58 | 7,883.48 | 756.53 | 1,095.79 | 794.87 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 90.62 | 4.58 | 7,882.40 | 856.21 | 1,103.77 | 894.77 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 90.62 | 4.58 | 7,881.33 | 955.88 | 1,111.75 | 994.67 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 90.62 | 4.58 | 7,880.25 | 1,055.56 | 1,119.72 | 1,094.56 | 0.00 | 0.00 | 0.00 |
| 9,900.00 | 90.62 | 4.58 | 7,879.18 | 1,155.24 | 1,127.70 | 1,194.46 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 90.62 | 4.58 | 7,878.10 | 1,254.91 | 1,135.68 | 1,294.35 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 90.62 | 4.58 | 7,877.03 | 1,354.59 | 1,143.66 | 1,394.25 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 90.62 | 4.58 | 7,875.95 | 1,454.26 | 1,151.63 | 1,494.14 | 0.00 | 0.00 | 0.00 |
| 10,204.68 | 90.62 | 4.58 | 7,875.90 | 1,458.92 | 1,152.01 | 1,498.82 | 0.00 | 0.00 | 0.00 |
| Begin Turn to BHL @ 10204.68ft | | | | | | | | | |
| 10,300.00 | 90.62 | 3.15 | 7,874.87 | 1,554.02 | 1,158.42 | 1,594.08 | 1.50 | 0.00 | -1.50 |
| 10,400.00 | 90.62 | 1.65 | 7,873.80 | 1,653.93 | 1,162.60 | 1,694.07 | 1.50 | 0.00 | -1.50 |
| 10,500.00 | 90.62 | 0.15 | 7,872.72 | 1,753.91 | 1,164.17 | 1,794.04 | 1.50 | 0.00 | -1.50 |
| 10,502.90 | 90.62 | 0.10 | 7,872.69 | 1,756.80 | 1,164.17 | 1,796.94 | 1.50 | 0.00 | -1.50 |
| End Turn @ 10502.90ft | | | | | | | | | |
| 10,600.00 | 90.62 | 0.10 | 7,871.64 | 1,853.90 | 1,164.35 | 1,893.98 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 90.62 | 0.10 | 7,870.57 | 1,953.89 | 1,164.53 | 1,993.92 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 90.62 | 0.10 | 7,869.49 | 2,053.89 | 1,164.71 | 2,093.86 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 90.62 | 0.10 | 7,868.41 | 2,153.88 | 1,164.88 | 2,193.79 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 90.62 | 0.10 | 7,867.34 | 2,253.88 | 1,165.06 | 2,293.73 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 90.62 | 0.10 | 7,866.26 | 2,353.87 | 1,165.24 | 2,393.67 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 90.62 | 0.10 | 7,865.18 | 2,453.86 | 1,165.42 | 2,493.61 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 90.62 | 0.10 | 7,864.11 | 2,553.86 | 1,165.60 | 2,593.54 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 90.62 | 0.10 | 7,863.03 | 2,653.85 | 1,165.78 | 2,693.48 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 90.62 | 0.10 | 7,861.95 | 2,753.85 | 1,165.96 | 2,793.42 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 90.62 | 0.10 | 7,860.87 | 2,853.84 | 1,166.13 | 2,893.36 | 0.00 | 0.00 | 0.00 |
| 11,700.00 | 90.62 | 0.10 | 7,859.80 | 2,953.83 | 1,166.31 | 2,993.29 | 0.00 | 0.00 | 0.00 |
| 11,800.00 | 90.62 | 0.10 | 7,858.72 | 3,053.83 | 1,166.49 | 3,093.23 | 0.00 | 0.00 | 0.00 |
| 11,900.00 | 90.62 | 0.10 | 7,857.64 | 3,153.82 | 1,166.67 | 3,193.17 | 0.00 | 0.00 | 0.00 |
| 12,000.00 | 90.62 | 0.10 | 7,856.57 | 3,253.82 | 1,166.85 | 3,293.11 | 0.00 | 0.00 | 0.00 |
| 12,100.00 | 90.62 | 0.10 | 7,855.49 | 3,353.81 | 1,167.03 | 3,393.04 | 0.00 | 0.00 | 0.00 |
| 12,200.00 | 90.62 | 0.10 | 7,854.41 | 3,453.80 | 1,167.21 | 3,492.98 | 0.00 | 0.00 | 0.00 |
| 12,300.00 | 90.62 | 0.10 | 7,853.34 | 3,553.80 | 1,167.38 | 3,592.92 | 0.00 | 0.00 | 0.00 |
| 12,400.00 | 90.62 | 0.10 | 7,852.26 | 3,653.79 | 1,167.56 | 3,692.86 | 0.00 | 0.00 | 0.00 |
| 12,500.00 | 90.62 | 0.10 | 7,851.18 | 3,753.79 | 1,167.74 | 3,792.79 | 0.00 | 0.00 | 0.00 |
| 12,600.00 | 90.62 | 0.10 | 7,850.11 | 3,853.78 | 1,167.92 | 3,892.73 | 0.00 | 0.00 | 0.00 |
| 12,700.00 | 90.62 | 0.10 | 7,849.03 | 3,953.77 | 1,168.10 | 3,992.67 | 0.00 | 0.00 | 0.00 |
| 12,800.00 | 90.62 | 0.10 | 7,847.95 | 4,053.77 | 1,168.28 | 4,092.61 | 0.00 | 0.00 | 0.00 |

Corporate Planning Report

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|------------------|--------------------------------|-------------------------------------|--|
| Database: | PLANNING | Local Co-ordinate Reference: | Well WINDSOCK 21-11HZ |
| Company: | US ROCKIES WATTENBERG PLANNING | TVD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Project: | WELD-NAD83-UTMFT13N | MD Reference: | RKB = 17' @ 5239.00usft (Drilling Rig) |
| Site: | 1N-68W-21 WINDSOCK 15-21HZ PAD | North Reference: | True |
| Well: | WINDSOCK 21-11HZ | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Plan A | | |
| Design: | Permit Rev-1 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 12,900.00 | 90.62 | 0.10 | 7,846.88 | 4,153.76 | 1,168.46 | 4,192.55 | 0.00 | 0.00 | 0.00 | |
| 13,000.00 | 90.62 | 0.10 | 7,845.80 | 4,253.76 | 1,168.63 | 4,292.48 | 0.00 | 0.00 | 0.00 | |
| 13,100.00 | 90.62 | 0.10 | 7,844.72 | 4,353.75 | 1,168.81 | 4,392.42 | 0.00 | 0.00 | 0.00 | |
| 13,200.00 | 90.62 | 0.10 | 7,843.64 | 4,453.74 | 1,168.99 | 4,492.36 | 0.00 | 0.00 | 0.00 | |
| 13,300.00 | 90.62 | 0.10 | 7,842.57 | 4,553.74 | 1,169.17 | 4,592.30 | 0.00 | 0.00 | 0.00 | |
| 13,400.00 | 90.62 | 0.10 | 7,841.49 | 4,653.73 | 1,169.35 | 4,692.23 | 0.00 | 0.00 | 0.00 | |
| 13,500.00 | 90.62 | 0.10 | 7,840.41 | 4,753.73 | 1,169.53 | 4,792.17 | 0.00 | 0.00 | 0.00 | |
| 13,600.00 | 90.62 | 0.10 | 7,839.34 | 4,853.72 | 1,169.71 | 4,892.11 | 0.00 | 0.00 | 0.00 | |
| 13,700.00 | 90.62 | 0.10 | 7,838.26 | 4,953.71 | 1,169.88 | 4,992.05 | 0.00 | 0.00 | 0.00 | |
| 13,724.18 | 90.62 | 0.10 | 7,838.00 | 4,977.89 | 1,169.93 | 5,016.21 | 0.00 | 0.00 | 0.00 | |
| TD Well @ 13724.18ft | | | | | | | | | | |

| Casing Points | | | | | |
|-----------------------|-----------------------|-------------------|---------------------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 1,526.50 | 1,500.00 | 9 5/8" Csg | 9-5/8 | 13-1/2 | |
| 8,521.78 | 7,894.00 | Top of Production | 5-1/2 | 7-7/8 | |

| Formations | | | | | | |
|-----------------------|-----------------------|----------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 1,325.20 | 1,309.00 | Fox Hills | | | | |
| 4,661.72 | 4,456.00 | Parkman | | | | |
| 5,912.24 | 5,701.00 | Sussex | | | | |
| 7,762.99 | 7,535.00 | Sharon Springs | | | | |
| 7,800.49 | 7,567.00 | Niobrara | | | | |
| 8,018.01 | 7,729.00 | Nio B | | | | |
| 8,234.08 | 7,840.00 | Nio C | | | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 200.00 | 200.00 | 0.00 | 0.00 | Begin Nudge @ 200.00ft | |
| 1,520.00 | 1,493.88 | -158.00 | 161.34 | Hold Tangent @ 1520.00ft | |
| 4,320.00 | 4,128.35 | -821.60 | 838.99 | Begin Drop @ 4320.00ft | |
| 5,310.00 | 5,098.76 | -940.10 | 960.00 | End Drop @ 5310.00ft | |
| 7,389.08 | 7,177.84 | -940.10 | 960.00 | KOP @ 7389.08ft :: DLS = 8°/100' | |
| 8,521.78 | 7,894.00 | -218.51 | 1,017.75 | End Build @ 8521.78ft | |
| 10,204.68 | 7,875.90 | 1,458.92 | 1,152.01 | Begin Turn to BHL @ 10204.68ft | |
| 10,502.90 | 7,872.69 | 1,756.80 | 1,164.17 | End Turn @ 10502.90ft | |
| 13,724.18 | 7,838.00 | 4,977.89 | 1,169.93 | TD Well @ 13724.18ft | |