

EXTRACTION OIL & GAS

WELD COUNTY, COLORADO (NAD 83)

SEC. 29 T7N R67W 6th P.M.

FRYE NORTH 11

ORIGINAL WELLBORE

04 August, 2014

Plan: PROPOSAL #1

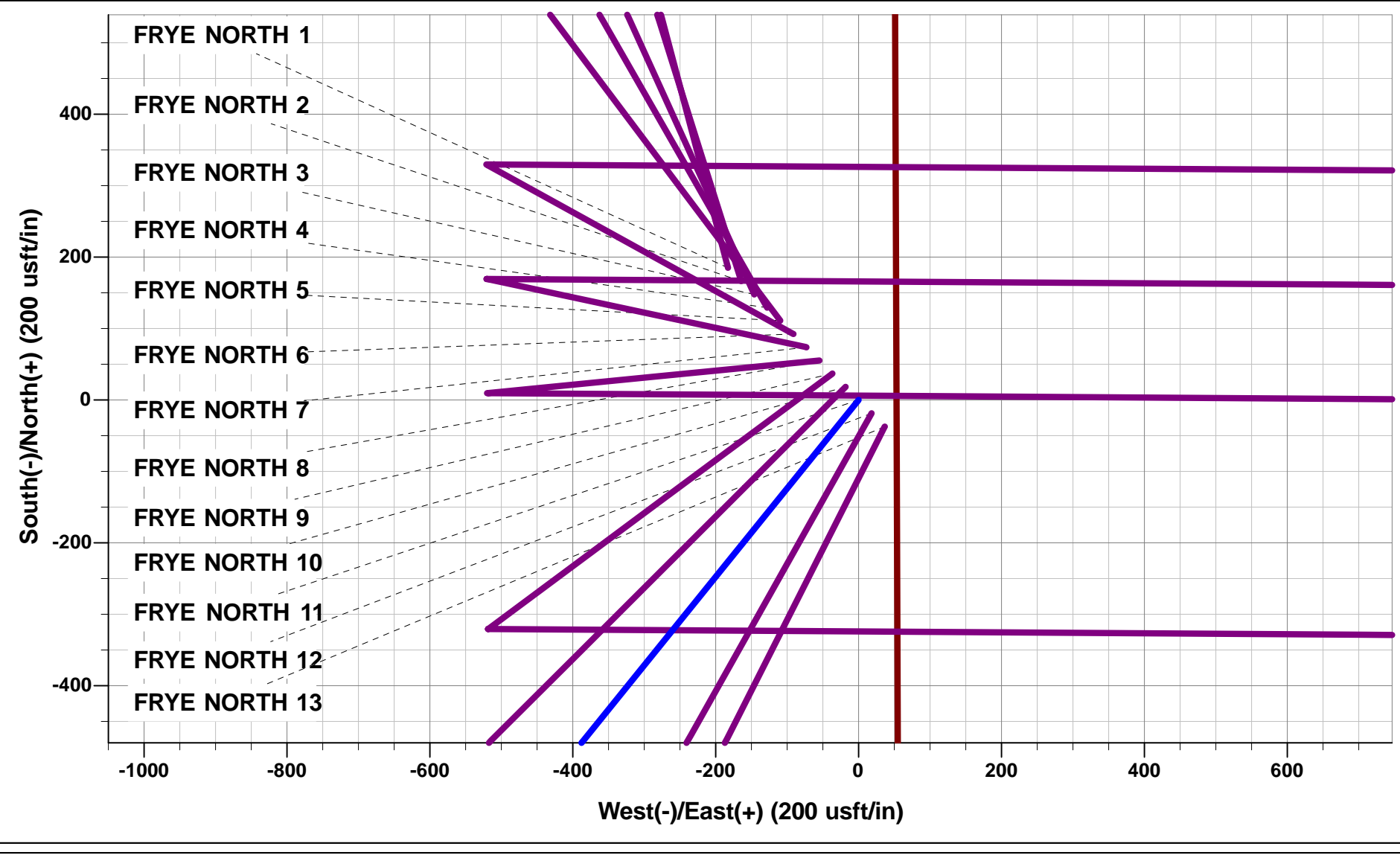




Project: WELD COUNTY, COLORADO (NAD 83)
Site: SEC. 29 T7N R67W 6th P.M.
Well: FRYE NORTH 11
Wellbore: ORIGINAL WELLBORE
Design: PROPOSAL #1

| ANNOTATIONS | | | | | | | | | |
|-------------|---------|-------|--------|--------|---------|---------|---------|----------------------------|--|
| TVD | MD | Inc | Azi | +N/-S | +E/-W | VSect | Dep | Annotation | |
| 1150.0 | 1150.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | START NUDGE (2°/100ft BUR) | |
| 1652.4 | 1655.0 | 10.10 | 218.93 | -34.5 | -27.9 | -25.5 | 44.4 | EOB TO 10.1° INC | |
| 5774.7 | 5842.2 | 10.10 | 218.93 | -605.8 | -489.4 | -447.5 | 778.8 | END OF TANGENT | |
| 6277.1 | 6347.2 | 0.00 | 0.00 | -640.3 | -517.3 | -473.0 | 823.2 | EOD TO VERTICAL | |
| 6307.1 | 6377.2 | 0.00 | 0.00 | -640.3 | -517.3 | -473.0 | 823.2 | KOP (10°/100ft BUR) | |
| 6880.0 | 7277.1 | 90.00 | 90.38 | -644.1 | 55.6 | 98.8 | 1396.1 | 7" ICP - FRYE NORTH 11 | |
| 6880.0 | 17787.9 | 90.00 | 90.37 | -713.3 | 10566.1 | 10590.2 | 11906.8 | BHL - FRYE NORTH 11 | |

| WELLBORE TARGET DETAILS (LAT/LONG) | | | | | |
|------------------------------------|--------|--------|---------|-----------|-------------|
| Name | TVD | +N/-S | +E/-W | Latitude | Longitude |
| KOP - FRYE NORTH 11 | 6307.1 | -640.3 | -517.3 | 40.539680 | -104.919608 |
| 7" ICP - FRYE NORTH 11 | 6880.0 | -644.1 | 55.6 | 40.539670 | -104.917547 |
| BHL - FRYE NORTH 11 | 6880.0 | -713.3 | 10566.1 | 40.539474 | -104.879732 |



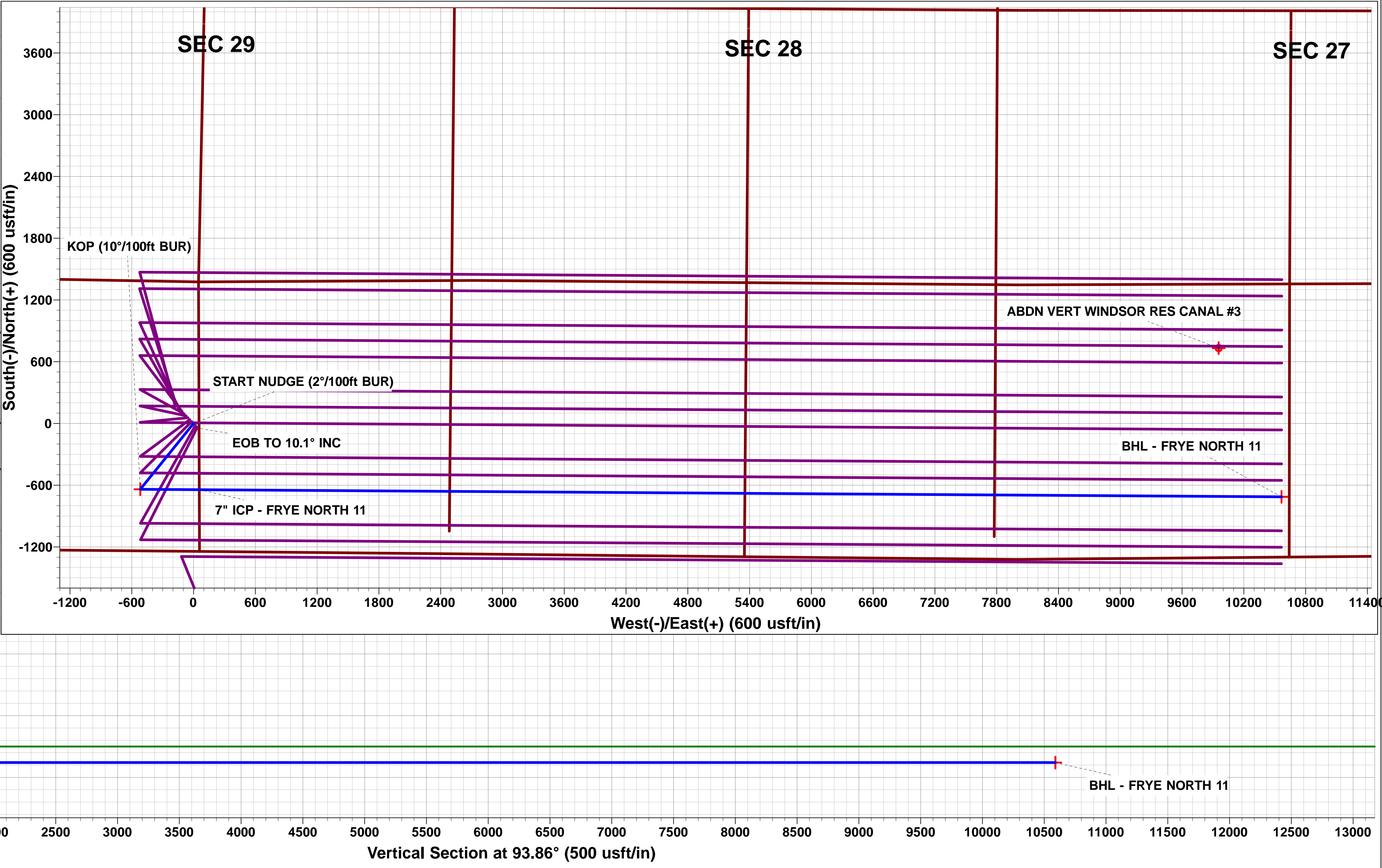
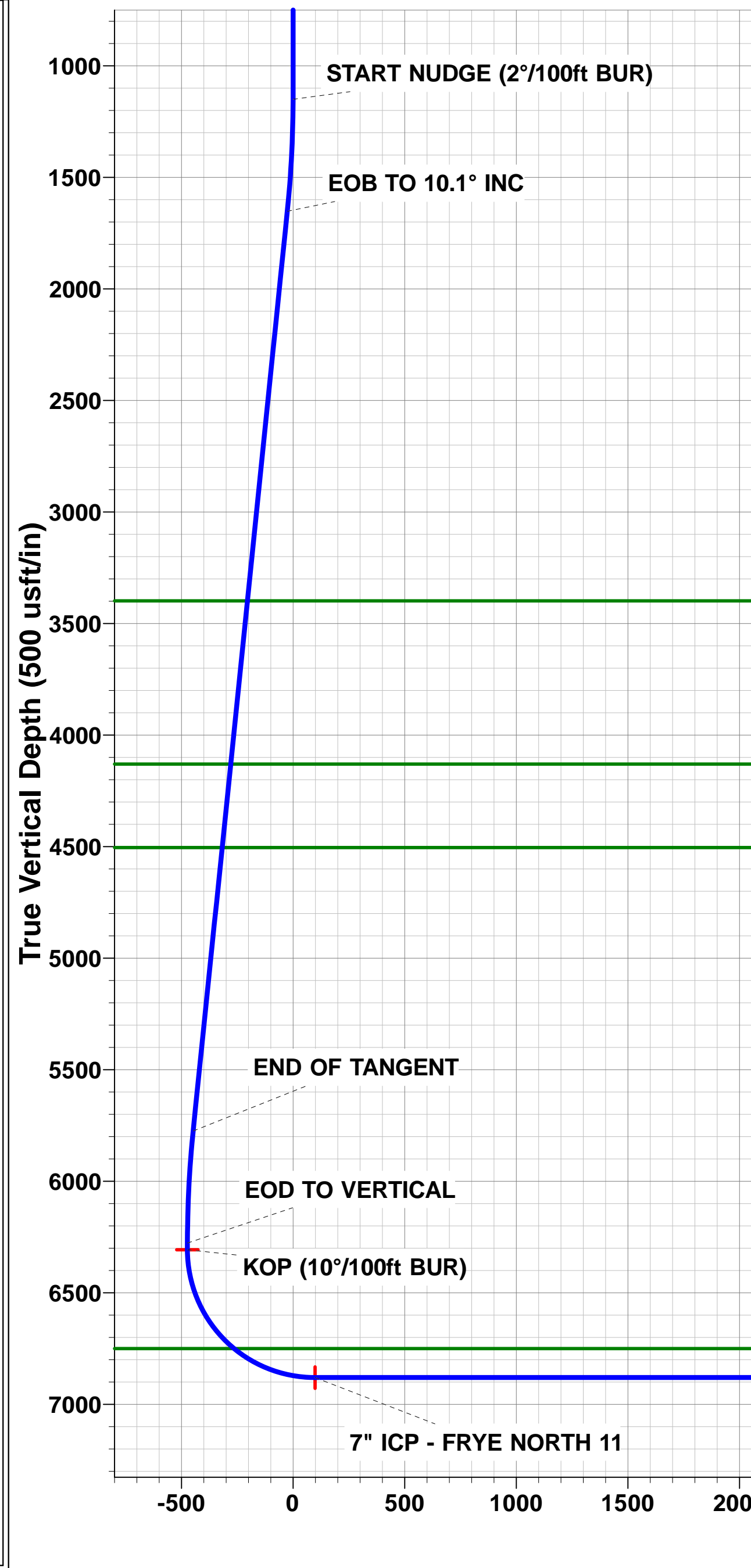
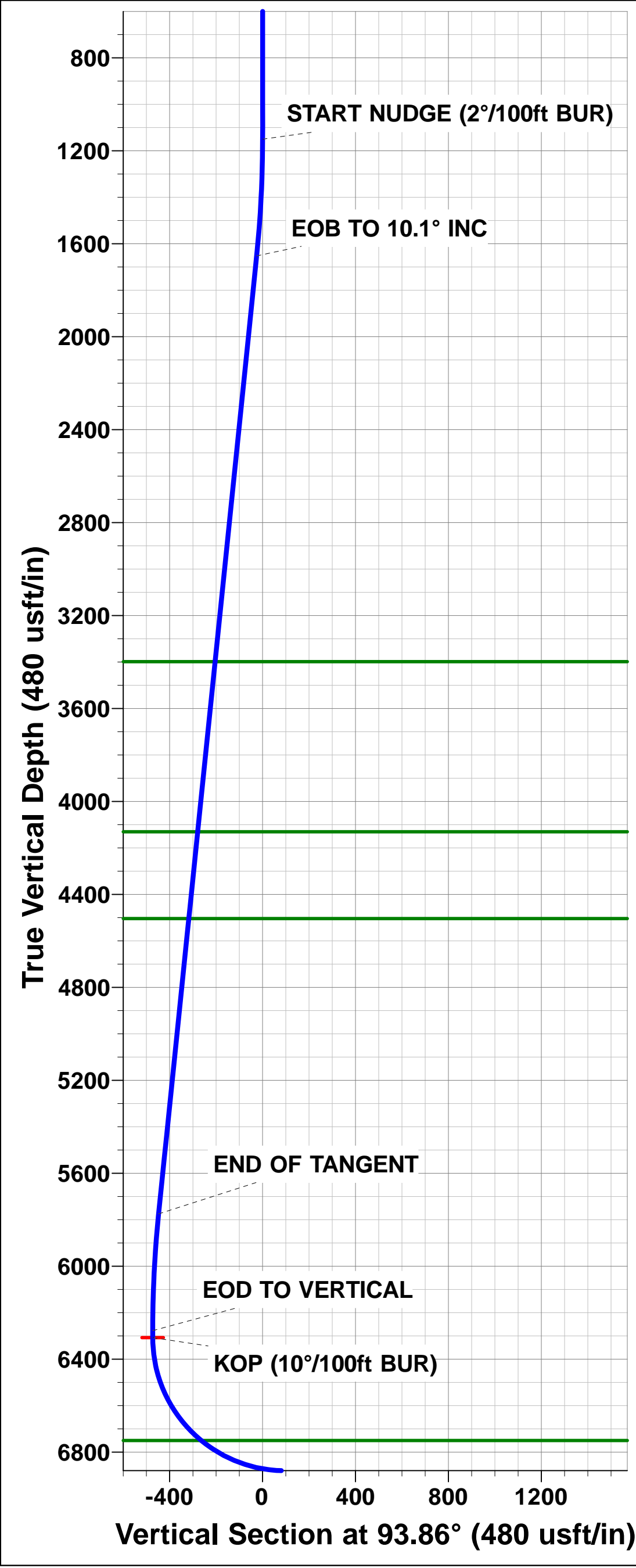
| FORMATION TOP DETAILS | | |
|-----------------------|--------|-----------|
| TVDPath | MDPath | Formation |
| 3398.0 | 3428.1 | PARKMAN |
| 4130.0 | 4171.6 | SUSSEX |
| 4504.0 | 4551.5 | SHANNON |
| 6750.0 | 6883.5 | NIOBRARA |

T

M

Azimuths to True North
Magnetic North: 8.54°

Magnetic Field
Strength: 52857.4snT
Dip Angle: 67.03°
Date: 04/08/2014
Model: IGRF2010



Planning Report



| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well FRYE NORTH 11 |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Project: | WELD COUNTY, COLORADO (NAD 83) | MD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Site: | SEC. 29 T7N R67W 6th P.M. | North Reference: | True |
| Well: | FRYE NORTH 11 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL #1 | | |

| | | | |
|--------------------|--------------------------------|----------------------|-----------------------------|
| Project | WELD COUNTY, COLORADO (NAD 83) | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | Using geodetic scale factor |

| | | | |
|------------------------------|---------------------------|--------------------------|-------------------|
| Site | SEC. 29 T7N R67W 6th P.M. | | |
| Site Position: | | Northing: | 1,440,801.81 usft |
| From: | Lat/Long | Easting: | 3,161,640.19 usft |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 1.10000ft |
| | | Latitude: | 40.541946 |
| | | Longitude: | -104.918404 |
| | | Grid Convergence: | 0.38 ° |

| | | | |
|-----------------------------|---------------|-------------|----------------------------|
| Well | FRYE NORTH 11 | | |
| Well Position | +N/-S | -185.1 usft | Northing: |
| | +E/-W | 182.6 usft | Easting: |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: |
| | | | Latitude: |
| | | | Longitude: |
| | | | Ground Level: |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | ORIGINAL WELLBORE | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 04/08/2014 | 8.54 | 67.03 | 52,857 |

| | | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|--|
| Design | PROPOSAL #1 | | | | |
| Audit Notes: | | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.0 | |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 6,880.0 | 0.0 | 0.0 | 93.86 | |

| Plan Sections | | | | | | | | | | | |
|----------------------|---------|---------|----------------|-----------|--------------|--------------|------------------------|-----------------------|----------------------|---------|-------------------|
| MD (usft) | Inc (°) | Azi (°) | Vertical Depth | SS (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usf) | Build Rate (°/100usf) | Turn Rate (°/100usf) | TFO (°) | Target |
| 0.0 | 0.00 | 0.00 | 0.0 | -4,982.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,150.0 | 0.00 | 0.00 | 1,150.0 | -3,832.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,655.0 | 10.10 | 218.93 | 1,652.4 | -3,329.6 | -34.5 | -27.9 | 2.00 | 2.00 | 0.00 | 218.93 | |
| 5,842.2 | 10.10 | 218.93 | 5,774.7 | 792.7 | -605.8 | -489.4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,347.2 | 0.00 | 0.00 | 6,277.1 | 1,295.1 | -640.3 | -517.3 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 6,377.2 | 0.00 | 0.00 | 6,307.1 | 1,325.1 | -640.3 | -517.3 | 0.00 | 0.00 | 0.00 | 0.00 | KOP - FRYE NORT |
| 7,277.1 | 90.00 | 90.38 | 6,880.0 | 1,898.0 | -644.1 | 55.6 | 10.00 | 10.00 | 10.04 | 90.38 | 7" ICP - FRYE NOF |
| 17,787.9 | 90.00 | 90.37 | 6,880.0 | 1,898.0 | -713.3 | 10,566.1 | 0.00 | 0.00 | 0.00 | -92.30 | BHL - FRYE NORT |

Planning Report



| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well FRYE NORTH 11 |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Project: | WELD COUNTY, COLORADO (NAD 83) | MD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Site: | SEC. 29 T7N R67W 6th P.M. | North Reference: | True |
| Well: | FRYE NORTH 11 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL #1 | | |

Planned Survey

| MD (usft) | Inc (°) | Azi (°) | TVD (usft) | SS (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------------------|------------|------------|---------------|--------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 4,982.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 4,882.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 4,782.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 0.00 | 0.00 | 300.0 | 4,682.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 4,582.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 0.00 | 0.00 | 500.0 | 4,482.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 600.0 | 0.00 | 0.00 | 600.0 | 4,382.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 700.0 | 0.00 | 0.00 | 700.0 | 4,282.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 800.0 | 0.00 | 0.00 | 800.0 | 4,182.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 900.0 | 0.00 | 0.00 | 900.0 | 4,082.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 0.00 | 0.00 | 1,000.0 | 3,982.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 0.00 | 0.00 | 1,100.0 | 3,882.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| START NUDGE (2°/100ft BUR) | | | | | | | | | | |
| 1,150.0 | 0.00 | 0.00 | 1,150.0 | 3,832.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 1.00 | 218.93 | 1,200.0 | 3,782.00 | -0.3 | -0.3 | -0.3 | 2.00 | 2.00 | 0.00 |
| 1,300.0 | 3.00 | 218.93 | 1,299.9 | 3,682.07 | -3.1 | -2.5 | -2.3 | 2.00 | 2.00 | 0.00 |
| 1,400.0 | 5.00 | 218.93 | 1,399.7 | 3,582.32 | -8.5 | -6.9 | -6.3 | 2.00 | 2.00 | 0.00 |
| 1,500.0 | 7.00 | 218.93 | 1,499.1 | 3,482.87 | -16.6 | -13.4 | -12.3 | 2.00 | 2.00 | 0.00 |
| 1,600.0 | 9.00 | 218.93 | 1,598.2 | 3,383.85 | -27.4 | -22.2 | -20.3 | 2.00 | 2.00 | 0.00 |
| EOB TO 10.1° INC | | | | | | | | | | |
| 1,655.0 | 10.10 | 218.93 | 1,652.4 | 3,329.57 | -34.5 | -27.9 | -25.5 | 2.00 | 2.00 | 0.00 |
| 1,700.0 | 10.10 | 218.93 | 1,696.7 | 3,285.31 | -40.7 | -32.9 | -30.0 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 10.10 | 218.93 | 1,795.1 | 3,186.86 | -54.3 | -43.9 | -40.1 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 10.10 | 218.93 | 1,893.6 | 3,088.41 | -68.0 | -54.9 | -50.2 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 10.10 | 218.93 | 1,992.0 | 2,989.96 | -81.6 | -65.9 | -60.3 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 10.10 | 218.93 | 2,090.5 | 2,891.51 | -95.2 | -76.9 | -70.4 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 10.10 | 218.93 | 2,188.9 | 2,793.06 | -108.9 | -88.0 | -80.4 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 10.10 | 218.93 | 2,287.4 | 2,694.61 | -122.5 | -99.0 | -90.5 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 10.10 | 218.93 | 2,385.8 | 2,596.16 | -136.2 | -110.0 | -100.6 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 10.10 | 218.93 | 2,484.3 | 2,497.71 | -149.8 | -121.0 | -110.7 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 10.10 | 218.93 | 2,582.7 | 2,399.26 | -163.5 | -132.1 | -120.7 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 10.10 | 218.93 | 2,681.2 | 2,300.81 | -177.1 | -143.1 | -130.8 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 10.10 | 218.93 | 2,779.6 | 2,202.36 | -190.7 | -154.1 | -140.9 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 10.10 | 218.93 | 2,878.1 | 2,103.91 | -204.4 | -165.1 | -151.0 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 10.10 | 218.93 | 2,976.5 | 2,005.46 | -218.0 | -176.1 | -161.1 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 10.10 | 218.93 | 3,075.0 | 1,907.01 | -231.7 | -187.2 | -171.1 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 10.10 | 218.93 | 3,173.4 | 1,808.56 | -245.3 | -198.2 | -181.2 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 10.10 | 218.93 | 3,271.9 | 1,710.11 | -258.9 | -209.2 | -191.3 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 10.10 | 218.93 | 3,370.3 | 1,611.66 | -272.6 | -220.2 | -201.4 | 0.00 | 0.00 | 0.00 |
| PARKMAN | | | | | | | | | | |
| 3,428.1 | 10.10 | 218.93 | 3,398.0 | 1,584.00 | -276.4 | -223.3 | -204.2 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 10.10 | 218.93 | 3,468.8 | 1,513.21 | -286.2 | -231.2 | -211.4 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 10.10 | 218.93 | 3,567.2 | 1,414.76 | -299.9 | -242.3 | -221.5 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 10.10 | 218.93 | 3,665.7 | 1,316.31 | -313.5 | -253.3 | -231.6 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 10.10 | 218.93 | 3,764.1 | 1,217.86 | -327.2 | -264.3 | -241.7 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 10.10 | 218.93 | 3,862.6 | 1,119.41 | -340.8 | -275.3 | -251.8 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 10.10 | 218.93 | 3,961.0 | 1,020.96 | -354.4 | -286.4 | -261.8 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 10.10 | 218.93 | 4,059.5 | 922.51 | -368.1 | -297.4 | -271.9 | 0.00 | 0.00 | 0.00 |
| SUSSEX | | | | | | | | | | |
| 4,171.6 | 10.10 | 218.93 | 4,130.0 | 852.00 | -377.9 | -305.3 | -279.1 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 10.10 | 218.93 | 4,157.9 | 824.06 | -381.7 | -308.4 | -282.0 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 10.10 | 218.93 | 4,256.4 | 725.61 | -395.4 | -319.4 | -292.1 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 10.10 | 218.93 | 4,354.8 | 627.16 | -409.0 | -330.4 | -302.1 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 10.10 | 218.93 | 4,453.3 | 528.71 | -422.7 | -341.5 | -312.2 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well FRYE NORTH 11 |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Project: | WELD COUNTY, COLORADO (NAD 83) | MD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Site: | SEC. 29 T7N R67W 6th P.M. | North Reference: | True |
| Well: | FRYE NORTH 11 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL #1 | | |

Planned Survey

| MD (usft) | Inc (°) | Azi (°) | TVD (usft) | SS (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-------------------------------|------------|------------|---------------|--------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| SHANNON | | | | | | | | | | |
| 4,551.5 | 10.10 | 218.93 | 4,504.0 | 478.00 | -429.7 | -347.1 | -317.4 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 10.10 | 218.93 | 4,551.7 | 430.26 | -436.3 | -352.5 | -322.3 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 10.10 | 218.93 | 4,650.2 | 331.81 | -449.9 | -363.5 | -332.4 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 10.10 | 218.93 | 4,748.6 | 233.36 | -463.6 | -374.5 | -342.5 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 10.10 | 218.93 | 4,847.1 | 134.91 | -477.2 | -385.6 | -352.5 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 10.10 | 218.93 | 4,945.5 | 36.46 | -490.9 | -396.6 | -362.6 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 10.10 | 218.93 | 5,044.0 | -61.99 | -504.5 | -407.6 | -372.7 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 10.10 | 218.93 | 5,142.4 | -160.44 | -518.2 | -418.6 | -382.8 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 10.10 | 218.93 | 5,240.9 | -258.89 | -531.8 | -429.6 | -392.8 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 10.10 | 218.93 | 5,339.3 | -357.34 | -545.4 | -440.7 | -402.9 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 10.10 | 218.93 | 5,437.8 | -455.79 | -559.1 | -451.7 | -413.0 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 10.10 | 218.93 | 5,536.2 | -554.24 | -572.7 | -462.7 | -423.1 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 10.10 | 218.93 | 5,634.7 | -652.69 | -586.4 | -473.7 | -433.2 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 10.10 | 218.93 | 5,733.1 | -751.14 | -600.0 | -484.7 | -443.2 | 0.00 | 0.00 | 0.00 |
| END OF TANGENT | | | | | | | | | | |
| 5,842.2 | 10.10 | 218.93 | 5,774.7 | -792.67 | -605.8 | -489.4 | -447.5 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 8.94 | 218.93 | 5,831.7 | -849.69 | -613.2 | -495.4 | -453.0 | 2.00 | -2.00 | 0.00 |
| 6,000.0 | 6.94 | 218.93 | 5,930.7 | -948.73 | -624.0 | -504.1 | -460.9 | 2.00 | -2.00 | 0.00 |
| 6,100.0 | 4.94 | 218.93 | 6,030.2 | -1,048.18 | -632.0 | -510.6 | -466.9 | 2.00 | -2.00 | 0.00 |
| 6,200.0 | 2.94 | 218.93 | 6,129.9 | -1,147.94 | -637.4 | -514.9 | -470.8 | 2.00 | -2.00 | 0.00 |
| 6,300.0 | 0.94 | 218.93 | 6,229.9 | -1,247.88 | -640.0 | -517.1 | -472.8 | 2.00 | -2.00 | 0.00 |
| EOD TO VERTICAL | | | | | | | | | | |
| 6,347.2 | 0.00 | 0.00 | 6,277.1 | -1,295.10 | -640.3 | -517.3 | -473.0 | 2.00 | -2.00 | 0.00 |
| KOP (10°/100ft BUR) | | | | | | | | | | |
| 6,377.2 | 0.00 | 0.00 | 6,307.1 | -1,325.10 | -640.3 | -517.3 | -473.0 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 2.28 | 90.38 | 6,329.9 | -1,347.87 | -640.3 | -516.8 | -472.5 | 10.00 | 10.00 | 0.00 |
| 6,500.0 | 12.28 | 90.38 | 6,428.9 | -1,446.94 | -640.4 | -504.2 | -459.9 | 10.00 | 10.00 | 0.00 |
| 6,600.0 | 22.28 | 90.38 | 6,524.3 | -1,542.31 | -640.6 | -474.5 | -430.3 | 10.00 | 10.00 | 0.00 |
| 6,700.0 | 32.28 | 90.38 | 6,613.1 | -1,631.07 | -640.9 | -428.8 | -384.6 | 10.00 | 10.00 | 0.00 |
| 6,800.0 | 42.28 | 90.38 | 6,692.5 | -1,710.54 | -641.3 | -368.3 | -324.2 | 10.00 | 10.00 | 0.00 |
| NIORARA | | | | | | | | | | |
| 6,883.5 | 50.63 | 90.38 | 6,750.0 | -1,768.00 | -641.7 | -307.8 | -263.9 | 10.00 | 10.00 | 0.00 |
| 6,900.0 | 52.28 | 90.38 | 6,760.3 | -1,778.29 | -641.8 | -294.9 | -251.0 | 10.00 | 10.00 | 0.00 |
| 7,000.0 | 62.28 | 90.38 | 6,814.3 | -1,832.27 | -642.3 | -210.9 | -167.1 | 10.00 | 10.00 | 0.00 |
| 7,100.0 | 72.29 | 90.38 | 6,852.8 | -1,870.83 | -643.0 | -118.7 | -75.2 | 10.00 | 10.00 | 0.00 |
| 7,200.0 | 82.29 | 90.38 | 6,874.8 | -1,892.82 | -643.6 | -21.3 | 22.1 | 10.00 | 10.00 | 0.00 |
| 7" ICP - FRYE NORTH 11 | | | | | | | | | | |
| 7,277.1 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -644.1 | 55.6 | 98.8 | 10.00 | 10.00 | 0.00 |
| 7,300.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -644.3 | 78.5 | 121.7 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -644.9 | 178.5 | 221.5 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -645.6 | 278.5 | 321.3 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -646.3 | 378.4 | 421.1 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -646.9 | 478.4 | 520.9 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -647.6 | 578.4 | 620.7 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -648.2 | 678.4 | 720.6 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -648.9 | 778.4 | 820.4 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -649.6 | 878.4 | 920.2 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -650.2 | 978.4 | 1,020.0 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -650.9 | 1,078.4 | 1,119.8 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -651.6 | 1,178.4 | 1,219.6 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -652.2 | 1,278.4 | 1,319.5 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -652.9 | 1,378.4 | 1,419.3 | 0.00 | 0.00 | 0.00 |

Planning Report



| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well FRYE NORTH 11 |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Project: | WELD COUNTY, COLORADO (NAD 83) | MD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Site: | SEC. 29 T7N R67W 6th P.M. | North Reference: | True |
| Well: | FRYE NORTH 11 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL #1 | | |

| Planned Survey | | | | | | | | | | |
|----------------|------------|------------|---------------|--------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| MD (usft) | Inc (°) | Azi (°) | TVD (usft) | SS (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,700.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -653.6 | 1,478.4 | 1,519.1 | 0.00 | 0.00 | 0.00 |
| 8,800.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -654.2 | 1,578.4 | 1,618.9 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -654.9 | 1,678.4 | 1,718.7 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -655.5 | 1,778.4 | 1,818.5 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -656.2 | 1,878.4 | 1,918.3 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -656.9 | 1,978.4 | 2,018.2 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -657.5 | 2,078.4 | 2,118.0 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 90.00 | 90.38 | 6,880.0 | -1,898.00 | -658.2 | 2,178.4 | 2,217.8 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -658.9 | 2,278.4 | 2,317.6 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -659.5 | 2,378.4 | 2,417.4 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -660.2 | 2,478.4 | 2,517.2 | 0.00 | 0.00 | 0.00 |
| 9,800.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -660.8 | 2,578.4 | 2,617.1 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -661.5 | 2,678.4 | 2,716.9 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -662.2 | 2,778.4 | 2,816.7 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -662.8 | 2,878.4 | 2,916.5 | 0.00 | 0.00 | 0.00 |
| 10,200.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -663.5 | 2,978.4 | 3,016.3 | 0.00 | 0.00 | 0.00 |
| 10,300.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -664.2 | 3,078.4 | 3,116.1 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -664.8 | 3,178.4 | 3,215.9 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -665.5 | 3,278.4 | 3,315.8 | 0.00 | 0.00 | 0.00 |
| 10,600.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -666.1 | 3,378.4 | 3,415.6 | 0.00 | 0.00 | 0.00 |
| 10,700.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -666.8 | 3,478.4 | 3,515.4 | 0.00 | 0.00 | 0.00 |
| 10,800.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -667.5 | 3,578.4 | 3,615.2 | 0.00 | 0.00 | 0.00 |
| 10,900.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -668.1 | 3,678.4 | 3,715.0 | 0.00 | 0.00 | 0.00 |
| 11,000.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -668.8 | 3,778.4 | 3,814.8 | 0.00 | 0.00 | 0.00 |
| 11,100.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -669.4 | 3,878.4 | 3,914.7 | 0.00 | 0.00 | 0.00 |
| 11,200.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -670.1 | 3,978.4 | 4,014.5 | 0.00 | 0.00 | 0.00 |
| 11,300.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -670.8 | 4,078.4 | 4,114.3 | 0.00 | 0.00 | 0.00 |
| 11,400.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -671.4 | 4,178.4 | 4,214.1 | 0.00 | 0.00 | 0.00 |
| 11,500.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -672.1 | 4,278.4 | 4,313.9 | 0.00 | 0.00 | 0.00 |
| 11,600.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -672.7 | 4,378.4 | 4,413.7 | 0.00 | 0.00 | 0.00 |
| 11,700.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -673.4 | 4,478.4 | 4,513.5 | 0.00 | 0.00 | 0.00 |
| 11,800.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -674.0 | 4,578.4 | 4,613.4 | 0.00 | 0.00 | 0.00 |
| 11,900.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -674.7 | 4,678.4 | 4,713.2 | 0.00 | 0.00 | 0.00 |
| 12,000.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -675.4 | 4,778.4 | 4,813.0 | 0.00 | 0.00 | 0.00 |
| 12,100.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -676.0 | 4,878.3 | 4,912.8 | 0.00 | 0.00 | 0.00 |
| 12,200.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -676.7 | 4,978.3 | 5,012.6 | 0.00 | 0.00 | 0.00 |
| 12,300.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -677.3 | 5,078.3 | 5,112.4 | 0.00 | 0.00 | 0.00 |
| 12,400.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -678.0 | 5,178.3 | 5,212.2 | 0.00 | 0.00 | 0.00 |
| 12,500.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -678.7 | 5,278.3 | 5,312.1 | 0.00 | 0.00 | 0.00 |
| 12,600.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -679.3 | 5,378.3 | 5,411.9 | 0.00 | 0.00 | 0.00 |
| 12,700.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -680.0 | 5,478.3 | 5,511.7 | 0.00 | 0.00 | 0.00 |
| 12,800.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -680.6 | 5,578.3 | 5,611.5 | 0.00 | 0.00 | 0.00 |
| 12,900.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -681.3 | 5,678.3 | 5,711.3 | 0.00 | 0.00 | 0.00 |
| 13,000.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -681.9 | 5,778.3 | 5,811.1 | 0.00 | 0.00 | 0.00 |
| 13,100.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -682.6 | 5,878.3 | 5,911.0 | 0.00 | 0.00 | 0.00 |
| 13,200.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -683.3 | 5,978.3 | 6,010.8 | 0.00 | 0.00 | 0.00 |
| 13,300.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -683.9 | 6,078.3 | 6,110.6 | 0.00 | 0.00 | 0.00 |
| 13,400.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -684.6 | 6,178.3 | 6,210.4 | 0.00 | 0.00 | 0.00 |
| 13,500.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -685.2 | 6,278.3 | 6,310.2 | 0.00 | 0.00 | 0.00 |
| 13,600.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -685.9 | 6,378.3 | 6,410.0 | 0.00 | 0.00 | 0.00 |
| 13,700.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -686.5 | 6,478.3 | 6,509.8 | 0.00 | 0.00 | 0.00 |
| 13,800.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -687.2 | 6,578.3 | 6,609.7 | 0.00 | 0.00 | 0.00 |
| 13,900.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -687.9 | 6,678.3 | 6,709.5 | 0.00 | 0.00 | 0.00 |
| 14,000.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -688.5 | 6,778.3 | 6,809.3 | 0.00 | 0.00 | 0.00 |

Planning Report



| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well FRYE NORTH 11 |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Project: | WELD COUNTY, COLORADO (NAD 83) | MD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Site: | SEC. 29 T7N R67W 6th P.M. | North Reference: | True |
| Well: | FRYE NORTH 11 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL #1 | | |

Planned Survey

| MD (usft) | Inc (°) | Azi (°) | TVD (usft) | SS (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|----------------------------|--------------|--------------|----------------|------------------|-----------------|-----------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|
| 14,100.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -689.2 | 6,878.3 | 6,909.1 | 0.00 | 0.00 | 0.00 |
| 14,200.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -689.8 | 6,978.3 | 7,008.9 | 0.00 | 0.00 | 0.00 |
| 14,300.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -690.5 | 7,078.3 | 7,108.7 | 0.00 | 0.00 | 0.00 |
| 14,400.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -691.1 | 7,178.3 | 7,208.5 | 0.00 | 0.00 | 0.00 |
| 14,500.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -691.8 | 7,278.3 | 7,308.4 | 0.00 | 0.00 | 0.00 |
| 14,600.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -692.4 | 7,378.3 | 7,408.2 | 0.00 | 0.00 | 0.00 |
| 14,700.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -693.1 | 7,478.3 | 7,508.0 | 0.00 | 0.00 | 0.00 |
| 14,800.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -693.8 | 7,578.3 | 7,607.8 | 0.00 | 0.00 | 0.00 |
| 14,900.0 | 90.00 | 90.38 | 6,880.0 | -1,897.99 | -694.4 | 7,678.3 | 7,707.6 | 0.00 | 0.00 | 0.00 |
| 15,000.0 | 90.00 | 90.37 | 6,880.0 | -1,897.99 | -695.1 | 7,778.3 | 7,807.4 | 0.00 | 0.00 | 0.00 |
| 15,100.0 | 90.00 | 90.37 | 6,880.0 | -1,897.99 | -695.7 | 7,878.3 | 7,907.3 | 0.00 | 0.00 | 0.00 |
| 15,200.0 | 90.00 | 90.37 | 6,880.0 | -1,897.99 | -696.4 | 7,978.3 | 8,007.1 | 0.00 | 0.00 | 0.00 |
| 15,300.0 | 90.00 | 90.37 | 6,880.0 | -1,897.99 | -697.0 | 8,078.3 | 8,106.9 | 0.00 | 0.00 | 0.00 |
| 15,400.0 | 90.00 | 90.37 | 6,880.0 | -1,897.99 | -697.7 | 8,178.3 | 8,206.7 | 0.00 | 0.00 | 0.00 |
| 15,500.0 | 90.00 | 90.37 | 6,880.0 | -1,897.99 | -698.3 | 8,278.3 | 8,306.5 | 0.00 | 0.00 | 0.00 |
| 15,600.0 | 90.00 | 90.37 | 6,880.0 | -1,897.99 | -699.0 | 8,378.3 | 8,406.3 | 0.00 | 0.00 | 0.00 |
| 15,700.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -699.6 | 8,478.3 | 8,506.1 | 0.00 | 0.00 | 0.00 |
| 15,800.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -700.3 | 8,578.3 | 8,606.0 | 0.00 | 0.00 | 0.00 |
| 15,900.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -700.9 | 8,678.3 | 8,705.8 | 0.00 | 0.00 | 0.00 |
| 16,000.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -701.6 | 8,778.3 | 8,805.6 | 0.00 | 0.00 | 0.00 |
| 16,100.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -702.3 | 8,878.3 | 8,905.4 | 0.00 | 0.00 | 0.00 |
| 16,200.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -702.9 | 8,978.3 | 9,005.2 | 0.00 | 0.00 | 0.00 |
| 16,300.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -703.6 | 9,078.3 | 9,105.0 | 0.00 | 0.00 | 0.00 |
| 16,400.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -704.2 | 9,178.3 | 9,204.8 | 0.00 | 0.00 | 0.00 |
| 16,500.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -704.9 | 9,278.3 | 9,304.7 | 0.00 | 0.00 | 0.00 |
| 16,600.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -705.5 | 9,378.3 | 9,404.5 | 0.00 | 0.00 | 0.00 |
| 16,700.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -706.2 | 9,478.3 | 9,504.3 | 0.00 | 0.00 | 0.00 |
| 16,800.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -706.8 | 9,578.2 | 9,604.1 | 0.00 | 0.00 | 0.00 |
| 16,900.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -707.5 | 9,678.2 | 9,703.9 | 0.00 | 0.00 | 0.00 |
| 17,000.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -708.1 | 9,778.2 | 9,803.7 | 0.00 | 0.00 | 0.00 |
| 17,100.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -708.8 | 9,878.2 | 9,903.5 | 0.00 | 0.00 | 0.00 |
| 17,200.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -709.4 | 9,978.2 | 10,003.4 | 0.00 | 0.00 | 0.00 |
| 17,300.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -710.1 | 10,078.2 | 10,103.2 | 0.00 | 0.00 | 0.00 |
| 17,400.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -710.7 | 10,178.2 | 10,203.0 | 0.00 | 0.00 | 0.00 |
| 17,500.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -711.4 | 10,278.2 | 10,302.8 | 0.00 | 0.00 | 0.00 |
| 17,600.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -712.0 | 10,378.2 | 10,402.6 | 0.00 | 0.00 | 0.00 |
| 17,700.0 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -712.7 | 10,478.2 | 10,502.4 | 0.00 | 0.00 | 0.00 |
| BHL - FRYE NORTH 11 | | | | | | | | | | |
| 17,787.9 | 90.00 | 90.37 | 6,880.0 | -1,898.00 | -713.3 | 10,566.1 | 10,590.2 | 0.00 | 0.00 | 0.00 |

Formations

| MD (usft) | TVD (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
|--------------|---------------|----------|-----------|------------|-------------------------|
| 3,428.1 | 3,398.0 | PARKMAN | | 0.00 | |
| 4,171.6 | 4,130.0 | SUSSEX | | 0.00 | |
| 4,551.5 | 4,504.0 | SHANNON | | 0.00 | |
| 6,883.5 | 6,750.0 | NIOBRARA | | 0.00 | |

| | | | |
|------------------|--------------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well FRYE NORTH 11 |
| Company: | EXTRACTION OIL & GAS | TVD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Project: | WELD COUNTY, COLORADO (NAD 83) | MD Reference: | KB-EST @ 4982.0usft (Original Well Elev) |
| Site: | SEC. 29 T7N R67W 6th P.M. | North Reference: | True |
| Well: | FRYE NORTH 11 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | ORIGINAL WELLBORE | | |
| Design: | PROPOSAL #1 | | |

Plan Annotations

| MD (usft) | TVD (usft) | Local Coordinates | | Comment |
|--------------|---------------|-------------------|-----------------|----------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 1,150.0 | 1,150.0 | 0.0 | 0.0 | START NUDGE (2°/100ft BUR) |
| 1,655.0 | 1,652.4 | -34.5 | -27.9 | EOB TO 10.1° INC |
| 5,842.2 | 5,774.7 | -605.8 | -489.4 | END OF TANGENT |
| 6,347.2 | 6,277.1 | -640.3 | -517.3 | EOD TO VERTICAL |
| 6,377.2 | 6,307.1 | -640.3 | -517.3 | KOP (10°/100ft BUR) |
| 7,277.1 | 6,880.0 | -644.1 | 55.6 | 7" ICP - FRYE NORTH 11 |
| 17,787.9 | 6,880.0 | -713.3 | 10,566.1 | BHL - FRYE NORTH 11 |