

XTO Energy

LaPlata County Directionals

Jones KK #2

Jones KK #2

Jones KK #2

Plan: Permitted wellbore -- Jones KK #2

Standard Planning Report

16 March, 2011

XTO Energy Inc.

Planning Report

| | | | |
|------------------|-----------------------------------|-------------------------------------|--------------------------------|
| Database: | EDM | Local Co-ordinate Reference: | Well Jones KK #2 |
| Company: | XTO Energy | TVD Reference: | Rig KB @ 6434.00ft (Aztec 507) |
| Project: | LaPlata County Directionals | MD Reference: | Rig KB @ 6434.00ft (Aztec 507) |
| Site: | Jones KK #2 | North Reference: | True |
| Well: | Jones KK #2 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Jones KK #2 | | |
| Design: | Permitted wellbore -- Jones KK #2 | | |

| | | | |
|--------------------|---|----------------------|----------------------------|
| Project | LaPlata County Directionals, LaPlata County, Colorado, Directional Fruitland Coal Wells | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | Using Well Reference Point |
| Map Zone: | Colorado Southern Zone | | |

| | | | |
|------------------------------|----------------------|--------------------------|------------------|
| Site | Jones KK #2, 33N, 7W | | |
| Site Position: | | Northing: | 1,156,834.38 ft |
| From: | Lat/Long | Easting: | 2,395,180.39 ft |
| Position Uncertainty: | 0.00 ft | Slot Radius: | in |
| | | Latitude: | 37° 4' 44.22 N |
| | | Longitude: | 107° 34' 23.95 W |
| | | Grid Convergence: | -1.27 ° |

| | | | |
|-----------------------------|----------------------------------|----------------------------|----------------------------------|
| Well | Jones KK #2, S-well to top of FC | | |
| Well Position | +N/-S | 0.00 ft | Northing: 1,156,834.38 ft |
| | +E/-W | 0.00 ft | Easting: 2,395,180.39 ft |
| Position Uncertainty | 0.00 ft | Wellhead Elevation: | 6,422.00 ft |
| | | Latitude: | 37° 4' 44.22 N |
| | | Longitude: | 107° 34' 23.95 W |
| | | Ground Level: | 6,422.00 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Jones KK #2 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF200510 | 12/31/2009 | 10.02 | 63.84 | 51,179 |

| | | | | |
|--------------------------|-----------------------------------|-------------------|----------------------|----------------------|
| Design | Permitted wellbore -- Jones KK #2 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PROTOTYPE | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 49.65 |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|-----------------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | 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 | |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,066.67 | 20.00 | 49.65 | 1,053.21 | 74.57 | 87.78 | 3.00 | 3.00 | 0.00 | 49.65 | |
| 2,713.45 | 20.00 | 49.65 | 2,600.68 | 439.20 | 517.06 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3,213.45 | 5.00 | 49.65 | 3,087.44 | 509.06 | 599.30 | 3.00 | -3.00 | 0.00 | 180.00 | |
| 3,677.78 | 5.00 | 49.65 | 3,550.00 | 535.26 | 630.15 | 0.00 | 0.00 | 0.00 | 0.00 | Proposed BHL -- Jones KK #2 |

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| Project: | LaPlata County Directionals | MD Reference: | Rig KB @ 6434.00ft (Aztec 507) |
| Site: | Jones KK #2 | North Reference: | True |
| Well: | Jones KK #2 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Jones KK #2 | | |
| Design: | Permitted wellbore -- Jones KK #2 | | |

| Planned Survey | | | | | | | | | |
|-------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | 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 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 225.00 | 0.00 | 0.00 | 225.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 5/8" | | | | | | | | | |
| 300.00 | 0.00 | 0.00 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 3.00 | 49.65 | 499.95 | 1.69 | 1.99 | 2.62 | 3.00 | 3.00 | 0.00 |
| 600.00 | 6.00 | 49.65 | 599.63 | 6.77 | 7.97 | 10.46 | 3.00 | 3.00 | 0.00 |
| 700.00 | 9.00 | 49.65 | 698.77 | 15.22 | 17.92 | 23.51 | 3.00 | 3.00 | 0.00 |
| 800.00 | 12.00 | 49.65 | 797.08 | 27.02 | 31.81 | 41.73 | 3.00 | 3.00 | 0.00 |
| 900.00 | 15.00 | 49.65 | 894.31 | 42.13 | 49.60 | 65.08 | 3.00 | 3.00 | 0.00 |
| 1,000.00 | 18.00 | 49.65 | 990.18 | 60.51 | 71.24 | 93.47 | 3.00 | 3.00 | 0.00 |
| 1,066.67 | 20.00 | 49.65 | 1,053.21 | 74.57 | 87.78 | 115.18 | 3.00 | 3.00 | 0.00 |
| 1,100.00 | 20.00 | 49.65 | 1,084.53 | 81.95 | 96.47 | 126.58 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 20.00 | 49.65 | 1,178.50 | 104.09 | 122.54 | 160.78 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 20.00 | 49.65 | 1,272.47 | 126.23 | 148.61 | 194.98 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 20.00 | 49.65 | 1,366.44 | 148.37 | 174.68 | 229.19 | 0.00 | 0.00 | 0.00 |
| 1,492.11 | 20.00 | 49.65 | 1,453.00 | 168.77 | 198.69 | 260.69 | 0.00 | 0.00 | 0.00 |
| Animas Formation | | | | | | | | | |
| 1,500.00 | 20.00 | 49.65 | 1,460.41 | 170.51 | 200.74 | 263.39 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 20.00 | 49.65 | 1,554.38 | 192.66 | 226.81 | 297.59 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 20.00 | 49.65 | 1,648.35 | 214.80 | 252.88 | 331.79 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 20.00 | 49.65 | 1,742.32 | 236.94 | 278.94 | 365.99 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 20.00 | 49.65 | 1,836.29 | 259.08 | 305.01 | 400.20 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 20.00 | 49.65 | 1,930.26 | 281.22 | 331.08 | 434.40 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 20.00 | 49.65 | 2,024.23 | 303.37 | 357.15 | 468.60 | 0.00 | 0.00 | 0.00 |
| 2,179.57 | 20.00 | 49.65 | 2,099.00 | 320.99 | 377.89 | 495.81 | 0.00 | 0.00 | 0.00 |
| Ojo Alamo SS | | | | | | | | | |
| 2,200.00 | 20.00 | 49.65 | 2,118.20 | 325.51 | 383.21 | 502.80 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 20.00 | 49.65 | 2,212.16 | 347.65 | 409.28 | 537.00 | 0.00 | 0.00 | 0.00 |
| 2,322.17 | 20.00 | 49.65 | 2,233.00 | 352.56 | 415.06 | 544.59 | 0.00 | 0.00 | 0.00 |
| Kirtland Shale | | | | | | | | | |
| 2,400.00 | 20.00 | 49.65 | 2,306.13 | 369.79 | 435.35 | 571.21 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 20.00 | 49.65 | 2,400.10 | 391.94 | 461.42 | 605.41 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 20.00 | 49.65 | 2,494.07 | 414.08 | 487.48 | 639.61 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 20.00 | 49.65 | 2,588.04 | 436.22 | 513.55 | 673.81 | 0.00 | 0.00 | 0.00 |
| 2,713.45 | 20.00 | 49.65 | 2,600.68 | 439.20 | 517.06 | 678.41 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 17.40 | 49.65 | 2,682.65 | 457.16 | 538.21 | 706.16 | 3.00 | -3.00 | 0.00 |
| 2,900.00 | 14.40 | 49.65 | 2,778.82 | 474.90 | 559.09 | 733.56 | 3.00 | -3.00 | 0.00 |
| 2,989.51 | 11.72 | 49.65 | 2,866.00 | 487.99 | 574.50 | 753.79 | 3.00 | -3.00 | 0.00 |
| Fruitland Formation | | | | | | | | | |
| 3,000.00 | 11.40 | 49.65 | 2,876.28 | 489.36 | 576.11 | 755.89 | 3.00 | -3.00 | 0.00 |
| 3,100.00 | 8.40 | 49.65 | 2,974.78 | 500.49 | 589.21 | 773.09 | 3.00 | -3.00 | 0.00 |
| 3,198.95 | 5.43 | 49.65 | 3,073.00 | 508.21 | 598.30 | 785.00 | 3.00 | -3.00 | 0.00 |
| Upper Fruitland Coal | | | | | | | | | |
| 3,200.00 | 5.40 | 49.65 | 3,074.04 | 508.27 | 598.37 | 785.10 | 3.00 | -3.00 | 0.00 |
| 3,213.45 | 5.00 | 49.65 | 3,087.44 | 509.06 | 599.30 | 786.32 | 3.00 | -3.00 | 0.00 |
| 3,289.30 | 5.00 | 49.65 | 3,163.00 | 513.34 | 604.34 | 792.93 | 0.00 | 0.00 | 0.00 |
| Middle Fruitland Coal | | | | | | | | | |
| 3,300.00 | 5.00 | 49.65 | 3,173.66 | 513.94 | 605.05 | 793.87 | 0.00 | 0.00 | 0.00 |
| 3,376.64 | 5.00 | 49.65 | 3,250.00 | 518.27 | 610.14 | 800.55 | 0.00 | 0.00 | 0.00 |
| Pictured Cliffs Tongue | | | | | | | | | |

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| Project: | LaPlata County Directionals | MD Reference: | Rig KB @ 6434.00ft (Aztec 507) |
| Site: | Jones KK #2 | North Reference: | True |
| Well: | Jones KK #2 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Jones KK #2 | | |
| Design: | Permitted wellbore -- Jones KK #2 | | |

| Planned Survey | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 3,400.00 | 5.00 | 49.65 | 3,273.28 | 519.58 | 611.69 | 802.58 | 0.00 | 0.00 | 0.00 | |
| 3,500.00 | 5.00 | 49.65 | 3,372.90 | 525.23 | 618.34 | 811.30 | 0.00 | 0.00 | 0.00 | |
| 3,561.34 | 5.00 | 49.65 | 3,434.00 | 528.69 | 622.41 | 816.64 | 0.00 | 0.00 | 0.00 | |
| Lower Fruitland Coal | | | | | | | | | | |
| 3,567.36 | 5.00 | 49.65 | 3,440.00 | 529.03 | 622.81 | 817.17 | 0.00 | 0.00 | 0.00 | |
| Pictured Cliffs SS | | | | | | | | | | |
| 3,600.00 | 5.00 | 49.65 | 3,472.51 | 530.87 | 624.98 | 820.01 | 0.00 | 0.00 | 0.00 | |
| 3,677.78 | 5.00 | 49.65 | 3,550.00 | 535.26 | 630.15 | 826.79 | 0.00 | 0.00 | 0.00 | |
| 5 1/2" | | | | | | | | | | |

| Design Targets | | | | | | | | | | |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|----------------|------------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude | |
| - hit/miss target | | | | | | | | | | |
| - Shape | | | | | | | | | | |
| Proposed BHL -- Jones | 0.00 | 0.00 | 3,550.00 | 535.26 | 630.15 | 1,157,355.52 | 2,395,822.26 | 37° 4' 49.51 N | 107° 34' 16.18 W | |
| - plan hits target | | | | | | | | | | |
| - Rectangle (sides W10.00 H10.00 D0.00) | | | | | | | | | | |

| Casing Points | | | | | | |
|---------------------|---------------------|--------|----------------------|--------------------|--|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) | | |
| 225.00 | 225.00 | 8 5/8" | 8.625 | 12.250 | | |
| 3,677.78 | 3,550.00 | 5 1/2" | 5.500 | 7.875 | | |

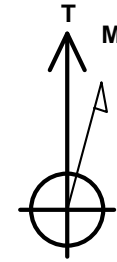
| Formations | | | | | | |
|---------------------|---------------------|------------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 1,492.11 | 1,453.00 | Animas Formation | | 0.00 | | |
| 2,179.57 | 2,099.00 | Ojo Alamo SS | | 0.00 | | |
| 2,322.17 | 2,233.00 | Kirtland Shale | | 0.00 | | |
| 2,989.51 | 2,866.00 | Fruitland Formation | | 0.00 | | |
| 3,198.95 | 3,073.00 | Upper Fruitland Coal | | 0.00 | | |
| 3,289.30 | 3,163.00 | Middle Fruitland Coal | | 0.00 | | |
| 3,376.64 | 3,250.00 | Pictured Cliffs Tongue | | 0.00 | | |
| 3,561.34 | 3,434.00 | Lower Fruitland Coal | | 0.00 | | |
| 3,567.36 | 3,440.00 | Pictured Cliffs SS | | 0.00 | | |



Well Name: Jones KK #2

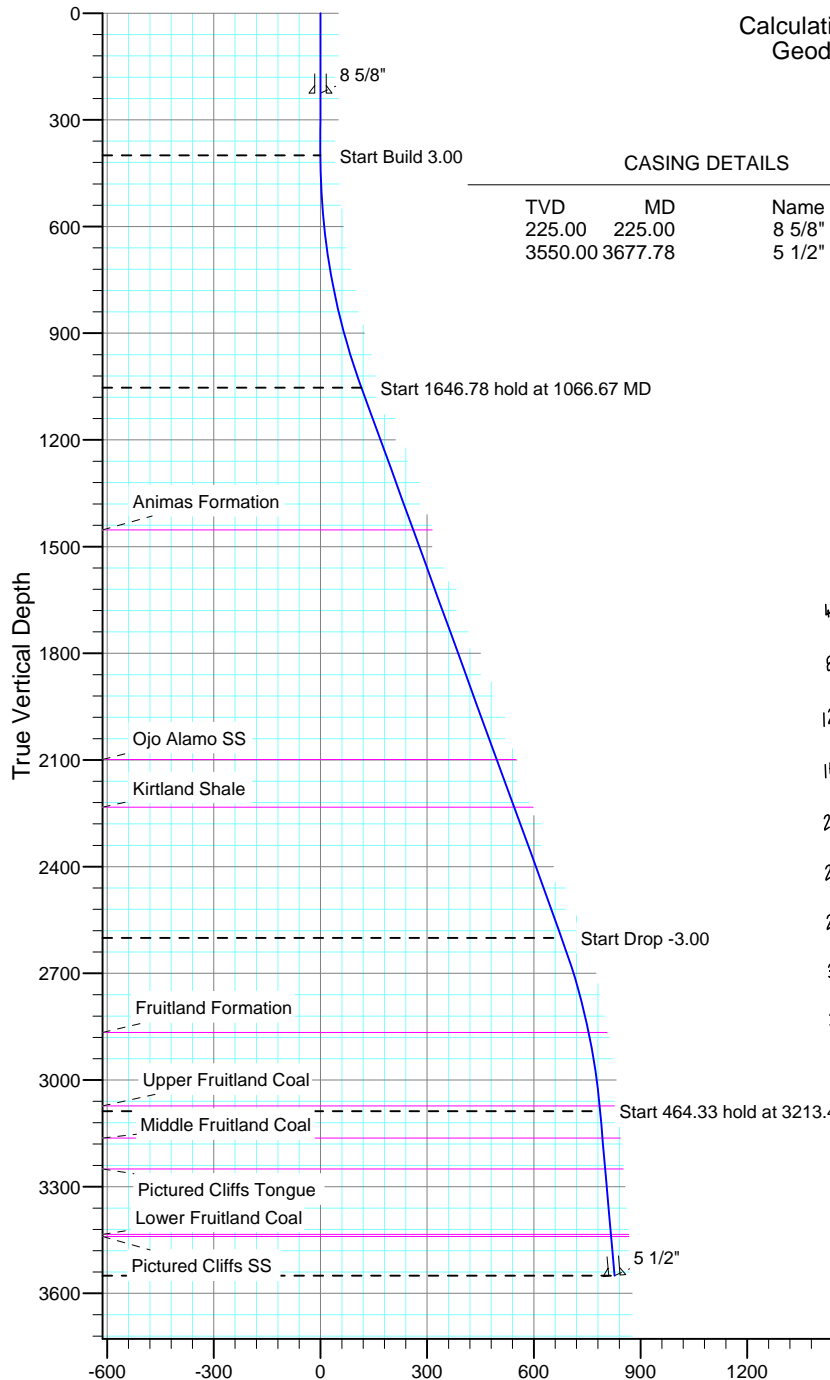
San Juan Division
Drilling Department

Calculation Method: Minimum Curvature
Geodetic Datum: North American Datum 1983
Lat: 37° 4' 44.22 N
Long: 107° 34' 23.95 W



Azimuths to True North
Magnetic North: 10.02°

Magnetic Field
Strength: 51179.1snT
Dip Angle: 63.84°
Date: 12/31/2009
Model: IGRF200510



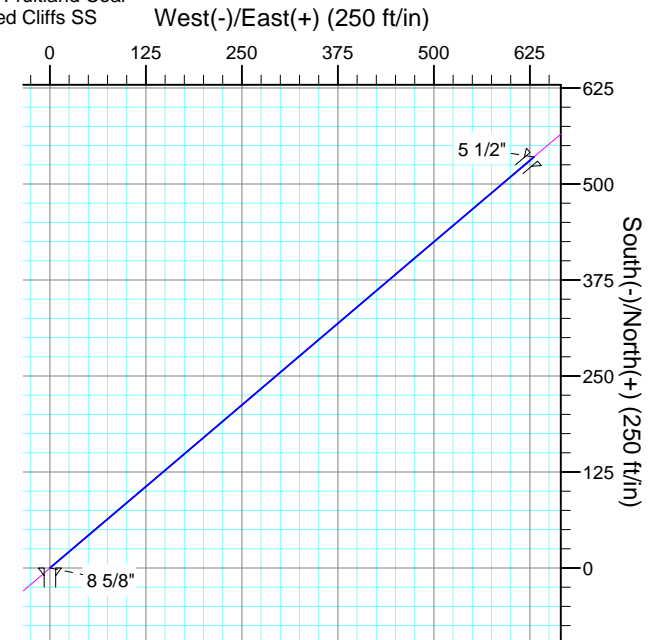
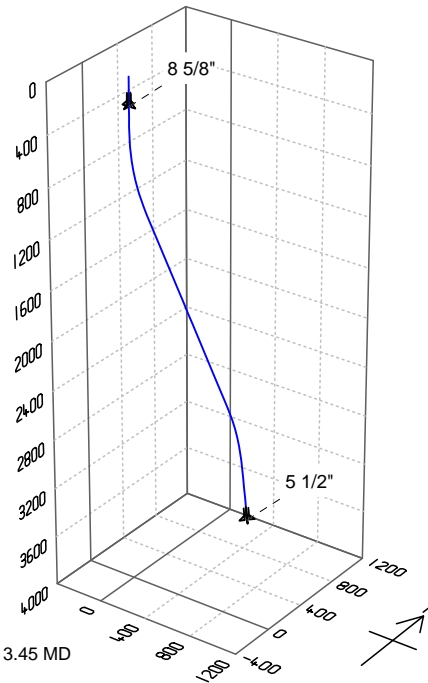
Vertical Section at 49.65°

CASING DETAILS

| TVD | MD | Name | Size |
|---------|---------|--------|-------|
| 225.00 | 225.00 | 8 5/8" | 8.625 |
| 3550.00 | 3677.78 | 5 1/2" | 5.500 |

FORMATION TOP DETAILS

| TVDPATH | MDPATH | Formation |
|---------|---------|------------------------|
| 1453.00 | 1492.11 | Animas Formation |
| 2099.00 | 2179.57 | Ojo Alamo SS |
| 2233.00 | 2322.17 | Kirtland Shale |
| 2866.00 | 2989.51 | Fruitland Formation |
| 3073.00 | 3198.95 | Upper Fruitland Coal |
| 3163.00 | 3289.30 | Middle Fruitland Coal |
| 3250.00 | 3376.64 | Pictured Cliffs Tongue |
| 3434.00 | 3561.34 | Lower Fruitland Coal |
| 3440.00 | 3567.36 | Pictured Cliffs SS |



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 | 400.00 | 0.00 | 0.00 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1066.67 | 20.00 | 49.65 | 1053.21 | 74.57 | 87.78 | 3.00 | 49.65 | 115.18 | |
| 4 | 2713.45 | 20.00 | 49.65 | 2600.68 | 439.20 | 517.06 | 0.00 | 0.00 | 678.41 | |
| 5 | 3213.45 | 5.00 | 49.65 | 3087.44 | 509.06 | 599.30 | 3.00 | 180.00 | 786.32 | |
| 6 | 3677.78 | 5.00 | 49.65 | 3550.00 | 535.26 | 630.15 | 0.00 | 0.00 | 826.79 | Proposed BHL -- Jones KK #2 |