

| WELL DETAILS: SR 521-24 | | | | | | | |
|-------------------------|-------|-------------|-----------------------|--------------------|-------------|-----------|--|
| +N/-S | +E/-W | Northing | Ground Level: Easting | 8007.0 Latitude | Longitude | Slot | |
| 0.0 | 0.0 | 1591971.900 | 2342221.600 | 39.435579 | -107.829146 | SR 521-24 | |

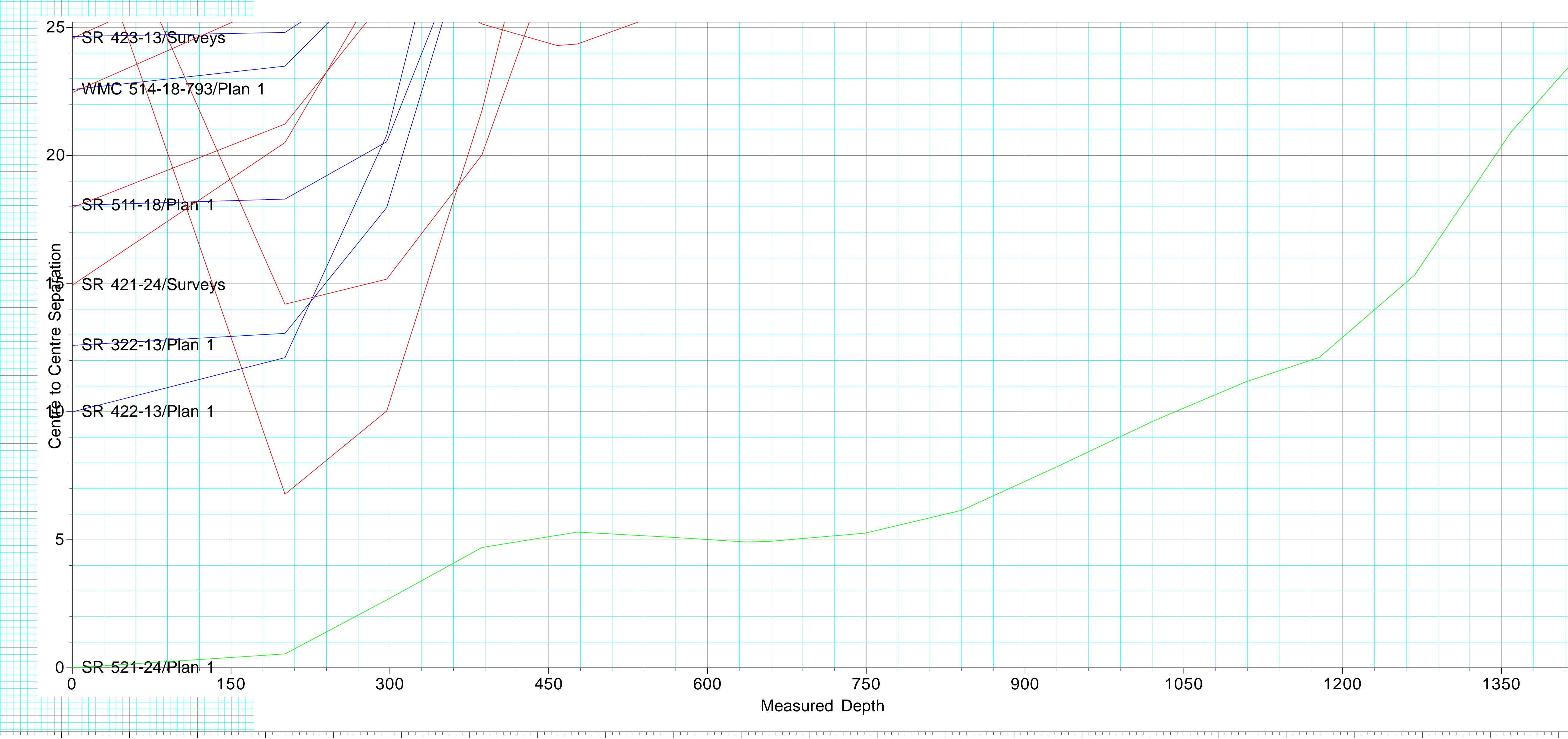
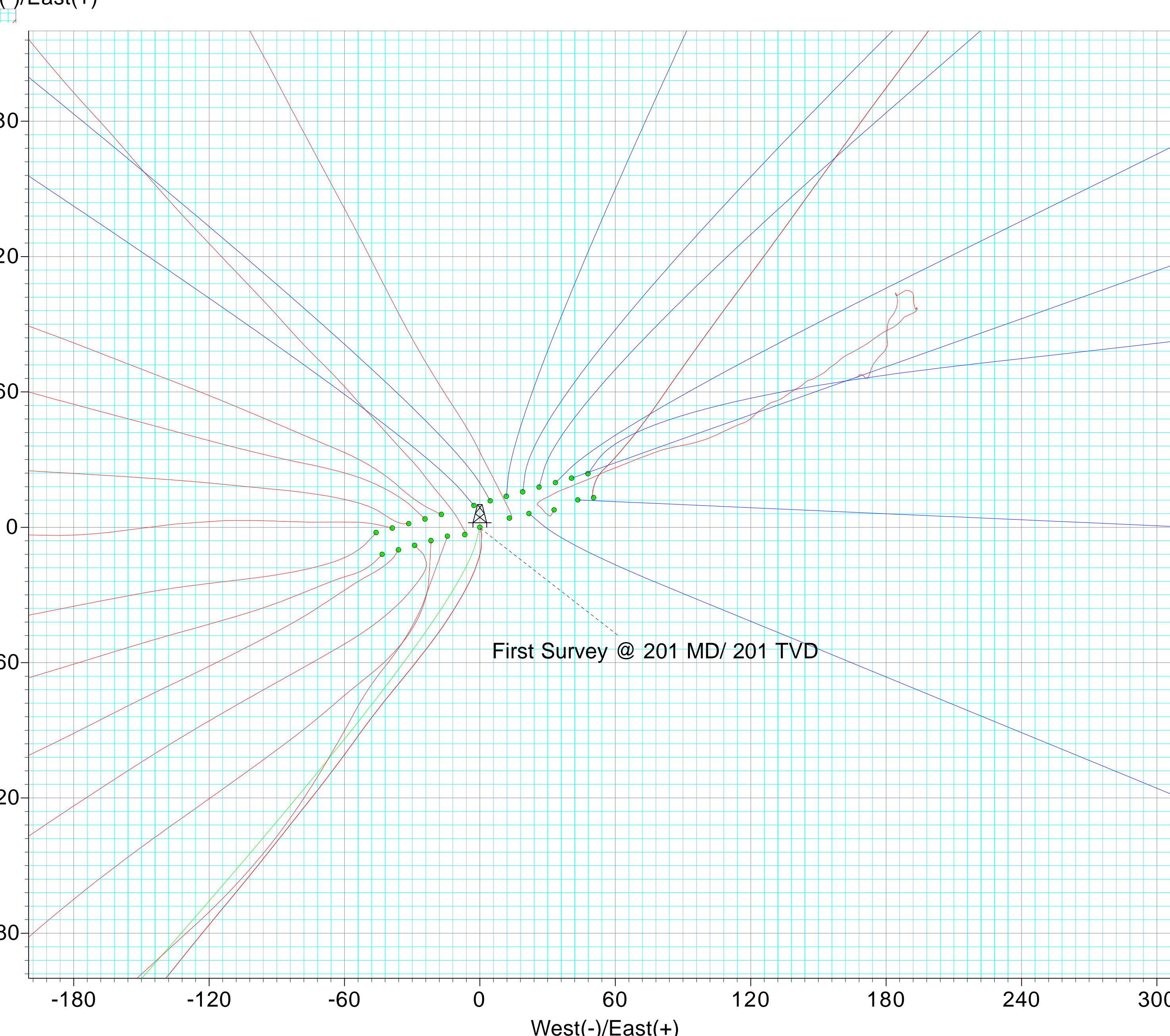
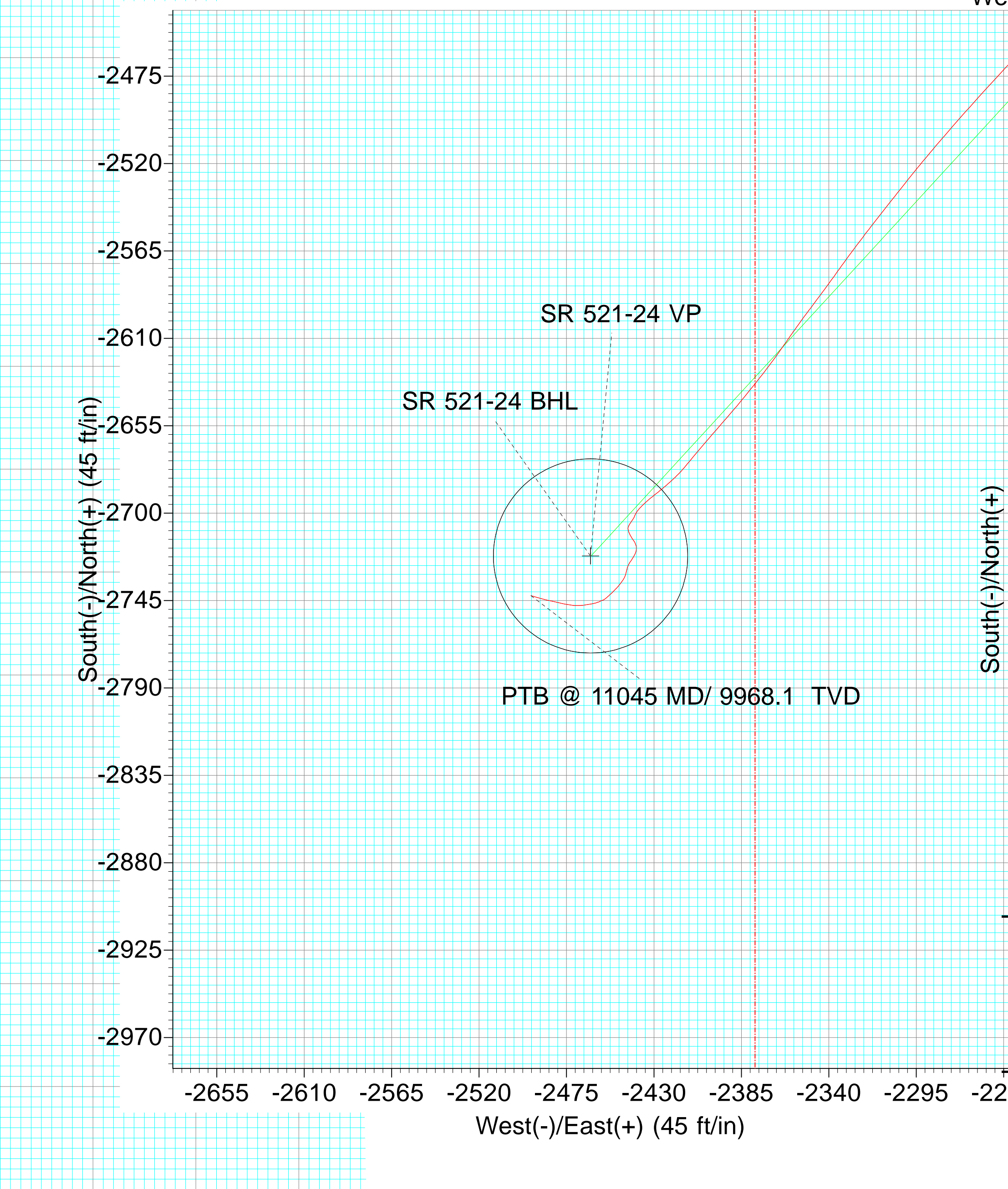
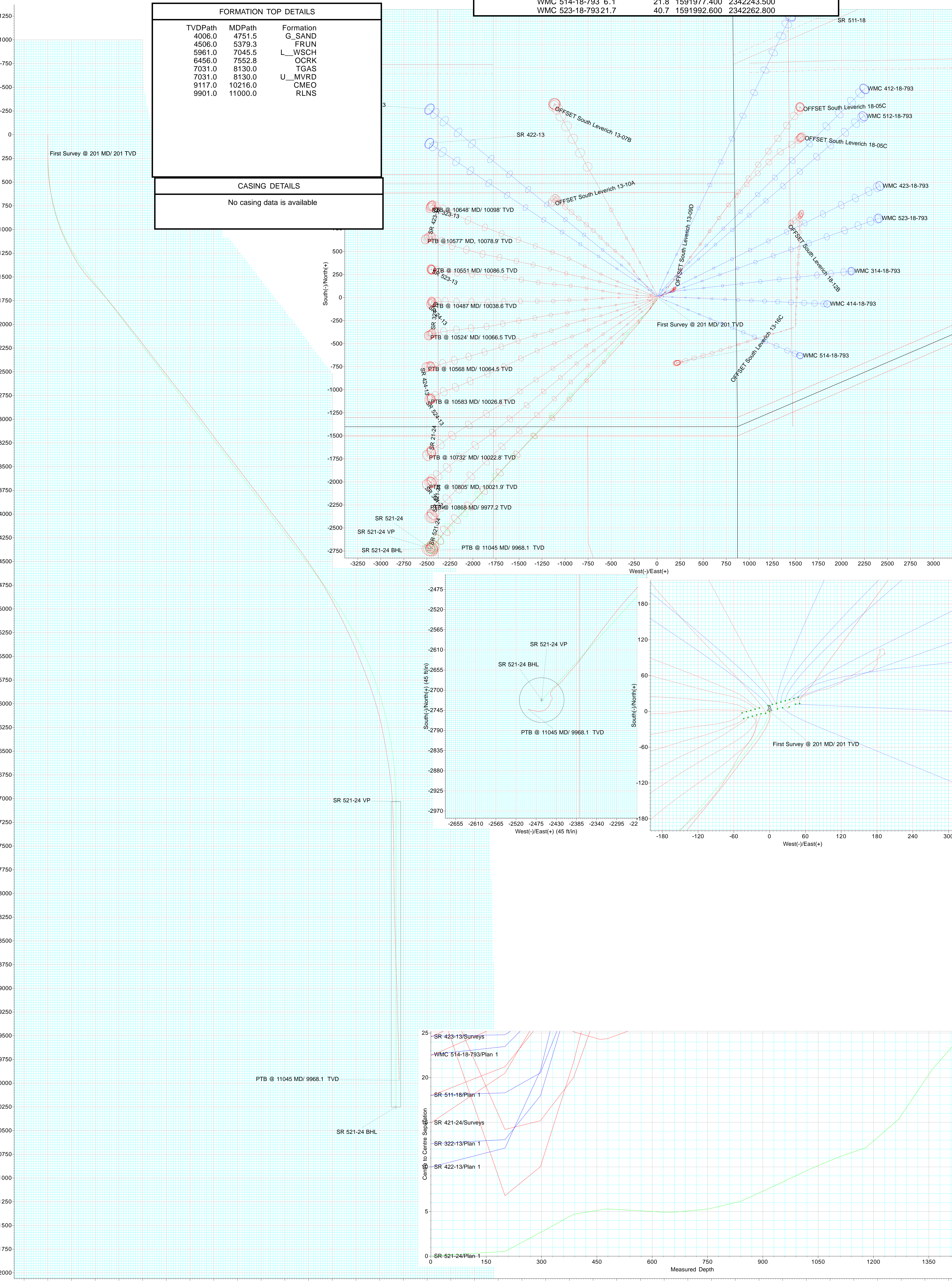
| DESIGN TARGET DETAILS | | | | | | | |
|-----------------------|---------|---------|---------|-------------|-------------|-----------|-------------|
| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| VP | 7031.0 | -2722.0 | -2462.6 | 1589313.910 | 2339690.000 | 39.428105 | -107.837865 |
| BHL | 10251.0 | -2722.0 | -2462.6 | 1589313.900 | 2339690.000 | 39.428105 | -107.837865 |

| ANNOTATIONS | | | | | | | | | |
|-------------|---------|------|--------|---------|---------|--------|-----------|----------------------------|--|
| TVD | MD | Inc | Azi | +N/-S | +E/-W | Vsect | Departure | Annotation | |
| 9968.1 | 11045.0 | 2.94 | 285.42 | -2742.5 | -2493.4 | 3706.5 | 3737.8 | PTB @ 11045 MD/ 9968.1 TVD | |

| SLOTS | | | | |
|------------------------------|-------|--------|-------------|-------------|
| Slot Name | +N/-S | +E/-W | Northing | Easting |
| OFFSET South Leverich 13-07B | 4.0 | 13.1 | 1591975.598 | 2342234.824 |
| OFFSET South Leverich 13-09D | 7.7 | 32.9 | 1591978.733 | 2342254.682 |
| OFFSET South Leverich 13-10A | -3.2 | -6.6 | 1591968.823 | 2342214.873 |
| OFFSET South Leverich 13-16C | 27.4 | 1481.8 | 1591606.646 | 2343694.566 |
| OFFSET South Leverich 18-05C | 3.1 | 50.4 | 1591983.730 | 2342272.330 |
| OFFSET South Leverich 18-12B | 12.8 | 1496.0 | 1591620.850 | 2343709.057 |
| SR 21-24 | -8.0 | -28.9 | 1591964.600 | 2342192.500 |
| SR 24-13 | -0.4 | -38.8 | 1591972.500 | 2342182.800 |
| SR 321-24 | -6.0 | -21.7 | 1591966.500 | 2342199.800 |
| SR 322-13 | 11.7 | 4.6 | 1591983.500 | 2342226.500 |
| SR 323-13 | 5.7 | -17.1 | 1591978.000 | 2342204.700 |
| SR 324-13 | -2.4 | -46.0 | 1591970.700 | 2342175.600 |
| SR 421-24 | -4.0 | -14.4 | 1591968.300 | 2342207.100 |
| SR 422-13 | 9.6 | -2.6 | 1591981.600 | 2342219.200 |
| SR 423-13 | 3.7 | -24.3 | 1591976.200 | 2342197.400 |
| SR 424-13 | -12.0 | -43.3 | 1591961.000 | 2342178.000 |
| SR 511-18 | 13.7 | 11.8 | 1591985.300 | 2342233.700 |
| SR 521-24 | 0.0 | 0.0 | 1591971.900 | 2342221.600 |
| SR 523-13 | 1.6 | -31.6 | 1591974.300 | 2342190.100 |
| SR 524-13 | -10.0 | -36.1 | 1591962.800 | 2342185.300 |
| WMC 314-18-793 | 23.7 | 47.9 | 1591994.400 | 2342270.100 |
| WMC 412-18-793 | 15.7 | 19.0 | 1591987.100 | 2342241.000 |
| WMC 414-18-793 | 12.1 | 43.4 | 1591982.900 | 2342265.300 |
| WMC 423-18-793 | 19.8 | 33.5 | 1591990.800 | 2342255.600 |
| WMC 512-18-793 | 17.8 | 26.3 | 1591989.000 | 2342248.300 |
| WMC 514-18-793 | 6.1 | 21.8 | 1591977.400 | 2342243.500 |
| WMC 523-18-793 | 21.7 | 40.7 | 1591992.600 | 2342262.800 |

| FORMATION TOP DETAILS | | | |
|-----------------------|---------|-----------|--|
| TVDPath | MDPath | Formation | |
| 4006.0 | 4751.5 | G_SAND | |
| 4506.0 | 5379.3 | FRUN | |
| 5961.0 | 7045.5 | L_WSCH | |
| 6456.0 | 7552.8 | OCRK | |
| 7031.0 | 8130.0 | TGAS | |
| 7031.0 | 8130.0 | U_MVRD | |
| 9117.0 | 10216.0 | CME0 | |
| 9901.0 | 11000.0 | RLNS | |

| CASING DETAILS | |
|-----------------------------|--|
| No casing data is available | |





Directional Survey Certification

Survey Company: Native Navigation Survey Company Job #: 23082798

Well Name: SR 521-24 A.P.I.# 05-045-24568 Operator Terra Energy Partners

Latitude: 40.217433 Longitude: -107.829146 County, State: Garfield County, CO

Legal Description (S,TS,R): Sec 13, T7S, R94W

Final Report 8/14/2023 Date of First Survey 8/5/2023 Date of Last Survey: 8/10/2023

Datum: NAD83 Survey MD From: 201.00 To: 10983 FT. Tool Type: MWD + HRGM

Bit to Sensor: 62 FT. Rig (Company & Number): HP 329 RKB Height: 30.00 FT.

Ground Elevation: 8007.00 Northings: 1591971.9 Eastings: 2342221.6

Surveyor Kyle Temple Depth of Final Projection: 11045 FT.

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Native Navigation. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well, based on the original data corrected to True North and obtained at the well site. Wellbore coordinates are calculated using the minimum curvature method.


Signature

Well Planner
Title

Native Navigation
Company

8/14/23
Date



Terra Energy Partners, LLP

Garfield County, CO (Nad 83)

S. Leverich 13-09 Pad

SR 521-24 - Slot SR 521-24

OWB

Survey: Surveys

Survey Certification Report

14 August, 2023



| | | | |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| Company: | Terra Energy Partners, LLP | Local Co-ordinate Reference: | Well SR 521-24 - Slot SR 521-24 |
| Project: | Garfield County, CO (Nad 83) | TVD Reference: | RKB @ 30' @ 8037.0ft |
| Site: | S. Leverich 13-09 Pad | MD Reference: | RKB @ 30' @ 8037.0ft |
| Well: | SR 521-24 | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | Surveys | Database: | NN |

| | | | |
|--------------------|------------------------------|----------------------|----------------|
| Project | Garfield County, CO (Nad 83) | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

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|------------------------------|-----------------------|---------------------|--------------------|--------------------------|-------------|
| Site | S. Leverich 13-09 Pad | | | | |
| Site Position: | | Northing: | 1,591,962.800 usft | Latitude: | 39.435551 |
| From: | Map | Easting: | 2,342,185.300 usft | Longitude: | -107.829274 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13-3/16" | Grid Convergence: | -1.47 ° |

| | | | | | | |
|-----------------------------|----------------------------|--------|----------------------------|--------------------|----------------------|-------------|
| Well | SR 521-24 - Slot SR 521-24 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,591,971.900 usft | Latitude: | 39.435579 |
| | +E/-W | 0.0 ft | Easting: | 2,342,221.600 usft | Longitude: | -107.829146 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | 8,037.0 ft | Ground Level: | 8,007.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OWB | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 4/5/2023 | 8.83 | 65.37 | 50,996 |

| | | | | | |
|--------------------------|---------|------------------------------|-------------------|----------------------|----------------------|
| Design | Surveys | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | | 0.0 | 0.0 | 0.0 | 222.14 |

| | | | | | |
|-----------------------|----------------|--------------------------|----------------------|---------------------|--|
| Survey Program | Date | 8/10/2023 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 201.0 | 11,045.0 | Surveys (OWB) | OWSG (REV5) MWD HDGM | OWSG MWD - Standard | |

| | | | | | | | | | |
|---------------------------------------|----------------|--------------------------|-----------------|-----------------|-----------------|------------------------------|----------------------------|------|--|
| Survey | | | | | | | | | |
| MD (ft) | Inc (°) | Azi (azimuth) (°) | TVD (ft) | N/S (ft) | E/W (ft) | Closure Distance (ft) | Closure Azimuth (°) | | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | |
| 201.0 | 0.31 | 156.75 | 201.0 | -0.5 | 0.2 | 0.5 | 156.75 | | |
| First Survey @ 201 MD/ 201 TVD | | | | | | | | | |
| 297.0 | 2.81 | 168.88 | 297.0 | -3.0 | 0.8 | 3.1 | 165.80 | | |
| 387.0 | 4.97 | 189.09 | 386.7 | -9.1 | 0.6 | 9.1 | 176.33 | | |
| 477.0 | 6.37 | 200.26 | 476.3 | -17.6 | -1.8 | 17.7 | 185.73 | | |
| 568.0 | 8.17 | 208.52 | 566.6 | -28.0 | -6.6 | 28.8 | 193.26 | | |
| 659.0 | 10.37 | 213.09 | 656.4 | -40.6 | -14.2 | 43.0 | 199.24 | | |
| 749.0 | 13.18 | 218.01 | 744.5 | -55.4 | -24.9 | 60.8 | 204.19 | | |
| 840.0 | 15.73 | 219.42 | 832.6 | -73.1 | -39.1 | 82.9 | 208.14 | | |
| 931.0 | 19.07 | 215.64 | 919.4 | -94.8 | -55.6 | 109.9 | 210.42 | | |
| 1,022.0 | 21.71 | 218.27 | 1,004.7 | -120.1 | -74.7 | 141.4 | 211.90 | | |

| | | | |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| Company: | Terra Energy Partners, LLP | Local Co-ordinate Reference: | Well SR 521-24 - Slot SR 521-24 |
| Project: | Garfield County, CO (Nad 83) | TVD Reference: | RKB @ 30' @ 8037.0ft |
| Site: | S. Leverich 13-09 Pad | MD Reference: | RKB @ 30' @ 8037.0ft |
| Well: | SR 521-24 | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | Surveys | Database: | NN |

| Survey | | | | | | | | | |
|---------|---------|-------------------|----------|----------|----------|-----------------------|---------------------|--|--|
| MD (ft) | Inc (°) | Azi (azimuth) (°) | TVD (ft) | N/S (ft) | E/W (ft) | Closure Distance (ft) | Closure Azimuth (°) | | |
| 1,108.0 | 24.43 | 218.54 | 1,083.8 | -146.5 | -95.7 | 174.9 | 213.15 | | |
| 1,178.0 | 26.85 | 219.77 | 1,146.9 | -169.9 | -114.8 | 205.1 | 214.04 | | |
| 1,268.0 | 26.59 | 218.36 | 1,227.3 | -201.4 | -140.3 | 245.4 | 214.87 | | |
| 1,359.0 | 29.62 | 218.19 | 1,307.6 | -235.0 | -166.8 | 288.2 | 215.37 | | |
| 1,450.0 | 34.10 | 219.33 | 1,384.9 | -272.4 | -196.9 | 336.2 | 215.86 | | |
| 1,540.0 | 38.10 | 220.56 | 1,457.6 | -313.1 | -231.0 | 389.0 | 216.42 | | |
| 1,630.0 | 41.97 | 221.61 | 1,526.5 | -356.7 | -269.0 | 446.8 | 217.03 | | |
| 1,720.0 | 41.40 | 220.47 | 1,593.7 | -401.8 | -308.3 | 506.5 | 217.50 | | |
| 1,810.0 | 40.83 | 220.38 | 1,661.5 | -446.9 | -346.7 | 565.6 | 217.81 | | |
| 1,901.0 | 40.17 | 220.38 | 1,730.7 | -491.9 | -385.0 | 624.6 | 218.05 | | |
| 1,991.0 | 39.02 | 223.11 | 1,800.0 | -534.7 | -423.2 | 681.9 | 218.36 | | |
| 2,082.0 | 38.23 | 221.79 | 1,871.1 | -576.6 | -461.5 | 738.5 | 218.67 | | |
| 2,172.0 | 37.57 | 221.70 | 1,942.1 | -617.8 | -498.3 | 793.8 | 218.89 | | |
| 2,263.0 | 38.80 | 224.43 | 2,013.7 | -658.9 | -536.7 | 849.9 | 219.17 | | |
| 2,353.0 | 38.80 | 223.81 | 2,083.8 | -699.4 | -576.0 | 906.1 | 219.47 | | |
| 2,444.0 | 38.14 | 223.63 | 2,155.1 | -740.3 | -615.1 | 962.5 | 219.72 | | |
| 2,534.0 | 37.62 | 223.02 | 2,226.1 | -780.5 | -653.0 | 1,017.7 | 219.92 | | |
| 2,625.0 | 36.74 | 223.46 | 2,298.6 | -820.6 | -690.7 | 1,072.6 | 220.09 | | |
| 2,715.0 | 37.84 | 224.07 | 2,370.2 | -860.0 | -728.4 | 1,127.0 | 220.27 | | |
| 2,806.0 | 37.18 | 222.93 | 2,442.4 | -900.1 | -766.6 | 1,182.3 | 220.42 | | |
| 2,896.0 | 38.54 | 223.37 | 2,513.4 | -940.4 | -804.4 | 1,237.5 | 220.54 | | |
| 2,987.0 | 37.44 | 223.20 | 2,585.2 | -981.2 | -842.8 | 1,293.5 | 220.66 | | |
| 3,077.0 | 38.63 | 223.37 | 2,656.0 | -1,021.6 | -880.8 | 1,348.8 | 220.77 | | |
| 3,168.0 | 37.75 | 222.40 | 2,727.6 | -1,062.8 | -919.1 | 1,405.1 | 220.85 | | |
| 3,258.0 | 37.05 | 221.35 | 2,799.1 | -1,103.5 | -955.6 | 1,459.7 | 220.89 | | |
| 3,349.0 | 38.23 | 221.70 | 2,871.1 | -1,145.1 | -992.4 | 1,515.3 | 220.91 | | |
| 3,439.0 | 37.57 | 221.17 | 2,942.1 | -1,186.5 | -1,029.0 | 1,570.6 | 220.93 | | |
| 3,530.0 | 36.47 | 221.35 | 3,014.8 | -1,227.7 | -1,065.1 | 1,625.4 | 220.94 | | |
| 3,620.0 | 37.00 | 224.07 | 3,086.9 | -1,267.3 | -1,101.6 | 1,679.2 | 221.00 | | |
| 3,711.0 | 36.30 | 223.46 | 3,159.9 | -1,306.5 | -1,139.2 | 1,733.4 | 221.09 | | |
| 3,802.0 | 37.31 | 224.25 | 3,232.8 | -1,345.8 | -1,177.0 | 1,787.9 | 221.17 | | |
| 3,892.0 | 36.96 | 225.04 | 3,304.5 | -1,384.5 | -1,215.2 | 1,842.1 | 221.27 | | |
| 3,982.0 | 38.19 | 225.83 | 3,375.9 | -1,423.0 | -1,254.3 | 1,896.8 | 221.39 | | |
| 4,073.0 | 37.84 | 225.57 | 3,447.6 | -1,462.1 | -1,294.4 | 1,952.7 | 221.52 | | |
| 4,163.0 | 36.96 | 225.66 | 3,519.1 | -1,500.3 | -1,333.4 | 2,007.3 | 221.63 | | |
| 4,254.0 | 37.71 | 223.81 | 3,591.4 | -1,539.6 | -1,372.3 | 2,062.4 | 221.71 | | |
| 4,344.0 | 36.61 | 223.81 | 3,663.1 | -1,578.8 | -1,409.9 | 2,116.7 | 221.77 | | |
| 4,435.0 | 37.66 | 223.28 | 3,735.7 | -1,618.6 | -1,447.8 | 2,171.6 | 221.81 | | |
| 4,525.0 | 37.27 | 223.02 | 3,807.1 | -1,658.5 | -1,485.2 | 2,226.3 | 221.84 | | |
| 4,616.0 | 36.43 | 223.37 | 3,879.9 | -1,698.3 | -1,522.5 | 2,280.9 | 221.88 | | |
| 4,706.0 | 36.83 | 223.63 | 3,952.2 | -1,737.3 | -1,559.5 | 2,334.6 | 221.91 | | |
| 4,793.0 | 38.10 | 223.81 | 4,021.2 | -1,775.5 | -1,596.1 | 2,387.5 | 221.95 | | |
| 4,887.0 | 37.66 | 223.11 | 4,095.4 | -1,817.4 | -1,635.8 | 2,445.2 | 221.99 | | |
| 4,978.0 | 36.65 | 223.81 | 4,167.9 | -1,857.3 | -1,673.6 | 2,500.1 | 222.02 | | |

| | | | |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| Company: | Terra Energy Partners, LLP | Local Co-ordinate Reference: | Well SR 521-24 - Slot SR 521-24 |
| Project: | Garfield County, CO (Nad 83) | TVD Reference: | RKB @ 30' @ 8037.0ft |
| Site: | S. Leverich 13-09 Pad | RKB Reference: | RKB @ 30' @ 8037.0ft |
| Well: | SR 521-24 | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | Surveys | Database: | NN |

| Survey | | | | | | | | |
|---------|---------|-------------------|----------|----------|----------|-----------------------|---------------------|--|
| MD (ft) | Inc (°) | Azi (azimuth) (°) | TVD (ft) | N/S (ft) | E/W (ft) | Closure Distance (ft) | Closure Azimuth (°) | |
| 5,068.0 | 37.53 | 221.61 | 4,239.7 | -1,897.2 | -1,710.4 | 2,554.4 | 222.04 | |
| 5,159.0 | 36.65 | 221.44 | 4,312.3 | -1,938.3 | -1,746.8 | 2,609.2 | 222.03 | |
| 5,250.0 | 35.90 | 221.17 | 4,385.7 | -1,978.7 | -1,782.3 | 2,663.1 | 222.01 | |
| 5,340.0 | 34.80 | 220.91 | 4,459.1 | -2,018.0 | -1,816.5 | 2,715.1 | 221.99 | |
| 5,431.0 | 34.28 | 221.70 | 4,534.1 | -2,056.8 | -1,850.6 | 2,766.7 | 221.98 | |
| 5,521.0 | 33.05 | 221.61 | 4,609.0 | -2,094.0 | -1,883.7 | 2,816.6 | 221.97 | |
| 5,612.0 | 32.48 | 222.67 | 4,685.5 | -2,130.6 | -1,916.8 | 2,865.9 | 221.98 | |
| 5,703.0 | 30.98 | 223.20 | 4,762.9 | -2,165.6 | -1,949.3 | 2,913.7 | 221.99 | |
| 5,793.0 | 29.88 | 223.72 | 4,840.5 | -2,198.7 | -1,980.7 | 2,959.3 | 222.01 | |
| 5,884.0 | 28.52 | 224.60 | 4,919.9 | -2,230.5 | -2,011.6 | 3,003.6 | 222.05 | |
| 5,979.0 | 27.29 | 224.34 | 5,003.9 | -2,262.3 | -2,042.8 | 3,048.1 | 222.08 | |
| 6,073.0 | 26.59 | 225.92 | 5,087.7 | -2,292.3 | -2,072.9 | 3,090.6 | 222.12 | |
| 6,168.0 | 25.71 | 224.60 | 5,172.9 | -2,321.8 | -2,102.7 | 3,132.4 | 222.17 | |
| 6,262.0 | 24.92 | 225.66 | 5,257.9 | -2,350.1 | -2,131.2 | 3,172.5 | 222.20 | |
| 6,357.0 | 23.99 | 224.87 | 5,344.4 | -2,377.8 | -2,159.1 | 3,211.8 | 222.24 | |
| 6,452.0 | 23.07 | 225.48 | 5,431.5 | -2,404.5 | -2,186.0 | 3,249.7 | 222.27 | |
| 6,546.0 | 21.97 | 223.37 | 5,518.3 | -2,430.2 | -2,211.2 | 3,285.7 | 222.30 | |
| 6,641.0 | 21.53 | 223.02 | 5,606.6 | -2,455.9 | -2,235.3 | 3,320.9 | 222.31 | |
| 6,736.0 | 20.83 | 222.49 | 5,695.1 | -2,481.1 | -2,258.6 | 3,355.2 | 222.31 | |
| 6,830.0 | 20.17 | 220.73 | 5,783.2 | -2,505.7 | -2,280.5 | 3,388.1 | 222.31 | |
| 6,925.0 | 18.33 | 218.54 | 5,872.9 | -2,529.8 | -2,300.5 | 3,419.4 | 222.28 | |
| 7,020.0 | 17.09 | 217.83 | 5,963.4 | -2,552.5 | -2,318.3 | 3,448.2 | 222.25 | |
| 7,115.0 | 15.69 | 215.64 | 6,054.5 | -2,574.0 | -2,334.4 | 3,474.9 | 222.21 | |
| 7,211.0 | 14.28 | 216.96 | 6,147.2 | -2,594.0 | -2,349.1 | 3,499.6 | 222.16 | |
| 7,306.0 | 12.08 | 214.49 | 6,239.7 | -2,611.6 | -2,361.7 | 3,521.1 | 222.12 | |
| 7,400.0 | 10.94 | 217.66 | 6,331.8 | -2,626.7 | -2,372.8 | 3,539.7 | 222.09 | |
| 7,495.0 | 10.11 | 219.42 | 6,425.2 | -2,640.3 | -2,383.6 | 3,557.0 | 222.07 | |
| 7,589.0 | 9.45 | 221.18 | 6,517.9 | -2,652.5 | -2,393.9 | 3,573.0 | 222.07 | |
| 7,684.0 | 9.05 | 220.65 | 6,611.6 | -2,664.0 | -2,403.9 | 3,588.3 | 222.06 | |
| 7,777.0 | 8.04 | 219.33 | 6,703.6 | -2,674.6 | -2,412.8 | 3,602.1 | 222.05 | |
| 7,872.0 | 6.86 | 228.21 | 6,797.8 | -2,683.5 | -2,421.2 | 3,614.4 | 222.06 | |
| 7,966.0 | 5.49 | 232.07 | 6,891.3 | -2,690.0 | -2,429.0 | 3,624.4 | 222.08 | |
| 8,060.0 | 3.78 | 227.24 | 6,985.0 | -2,694.9 | -2,434.8 | 3,631.9 | 222.10 | |
| 8,155.0 | 2.24 | 217.57 | 7,079.8 | -2,698.5 | -2,438.2 | 3,636.9 | 222.10 | |
| 8,249.0 | 1.49 | 200.96 | 7,173.8 | -2,701.1 | -2,439.8 | 3,639.8 | 222.09 | |
| 8,343.0 | 1.54 | 214.93 | 7,267.7 | -2,703.3 | -2,440.9 | 3,642.2 | 222.08 | |
| 8,437.0 | 1.93 | 212.30 | 7,361.7 | -2,705.6 | -2,442.5 | 3,645.0 | 222.07 | |
| 8,532.0 | 1.10 | 181.71 | 7,456.7 | -2,707.9 | -2,443.4 | 3,647.3 | 222.06 | |
| 8,626.0 | 1.01 | 155.78 | 7,550.6 | -2,709.6 | -2,443.1 | 3,648.3 | 222.04 | |
| 8,721.0 | 1.23 | 154.29 | 7,645.6 | -2,711.2 | -2,442.3 | 3,649.0 | 222.01 | |
| 8,815.0 | 1.36 | 146.55 | 7,739.6 | -2,713.1 | -2,441.2 | 3,649.7 | 221.98 | |
| 8,909.0 | 1.49 | 145.41 | 7,833.6 | -2,715.0 | -2,439.9 | 3,650.3 | 221.95 | |
| 9,004.0 | 1.19 | 174.24 | 7,928.5 | -2,717.0 | -2,439.1 | 3,651.2 | 221.91 | |
| 9,098.0 | 1.27 | 186.81 | 8,022.5 | -2,719.0 | -2,439.1 | 3,652.7 | 221.89 | |
| 9,192.0 | 1.27 | 206.14 | 8,116.5 | -2,721.0 | -2,439.7 | 3,654.6 | 221.88 | |

| | | | |
|------------------|------------------------------|-------------------------------------|---------------------------------|
| Company: | Terra Energy Partners, LLP | Local Co-ordinate Reference: | Well SR 521-24 - Slot SR 521-24 |
| Project: | Garfield County, CO (Nad 83) | TVD Reference: | RKB @ 30' @ 8037.0ft |
| Site: | S. Leverich 13-09 Pad | MD Reference: | RKB @ 30' @ 8037.0ft |
| Well: | SR 521-24 | North Reference: | True |
| Wellbore: | OWB | Survey Calculation Method: | Minimum Curvature |
| Design: | Surveys | Database: | NN |

| Survey | | | | | | | | |
|-----------------------------------|---------|-------------------|----------|----------|----------|-----------------------|---------------------|--|
| MD (ft) | Inc (°) | Azi (azimuth) (°) | TVD (ft) | N/S (ft) | E/W (ft) | Closure Distance (ft) | Closure Azimuth (°) | |
| 9,286.0 | 1.41 | 211.95 | 8,210.5 | -2,722.9 | -2,440.8 | 3,656.7 | 221.87 | |
| 9,381.0 | 1.76 | 214.58 | 8,305.4 | -2,725.1 | -2,442.2 | 3,659.3 | 221.87 | |
| 9,475.0 | 1.54 | 199.90 | 8,399.4 | -2,727.5 | -2,443.5 | 3,661.9 | 221.86 | |
| 9,569.0 | 1.41 | 191.29 | 8,493.4 | -2,729.8 | -2,444.1 | 3,664.1 | 221.84 | |
| 9,664.0 | 1.67 | 200.70 | 8,588.3 | -2,732.2 | -2,444.9 | 3,666.4 | 221.82 | |
| 9,758.0 | 1.93 | 214.05 | 8,682.3 | -2,734.8 | -2,446.2 | 3,669.2 | 221.81 | |
| 9,852.0 | 2.20 | 219.94 | 8,776.2 | -2,737.5 | -2,448.3 | 3,672.6 | 221.81 | |
| 9,947.0 | 2.81 | 226.10 | 8,871.1 | -2,740.5 | -2,451.1 | 3,676.8 | 221.81 | |
| 10,041.0 | 2.24 | 229.17 | 8,965.0 | -2,743.3 | -2,454.2 | 3,680.9 | 221.82 | |
| 10,136.0 | 0.92 | 249.04 | 9,060.0 | -2,744.8 | -2,456.3 | 3,683.4 | 221.82 | |
| 10,230.0 | 1.19 | 245.87 | 9,154.0 | -2,745.5 | -2,457.9 | 3,685.0 | 221.84 | |
| 10,324.0 | 1.63 | 254.92 | 9,248.0 | -2,746.2 | -2,460.1 | 3,687.0 | 221.85 | |
| 10,419.0 | 2.11 | 260.37 | 9,342.9 | -2,746.9 | -2,463.1 | 3,689.5 | 221.88 | |
| 10,513.0 | 2.42 | 261.87 | 9,436.8 | -2,747.5 | -2,466.8 | 3,692.4 | 221.92 | |
| 10,607.0 | 2.99 | 273.82 | 9,530.7 | -2,747.6 | -2,471.2 | 3,695.4 | 221.97 | |
| 10,701.0 | 3.03 | 284.63 | 9,624.6 | -2,746.8 | -2,476.0 | 3,698.0 | 222.03 | |
| 10,795.0 | 2.99 | 279.97 | 9,718.5 | -2,745.7 | -2,480.8 | 3,700.5 | 222.10 | |
| 10,890.0 | 2.99 | 286.12 | 9,813.3 | -2,744.6 | -2,485.7 | 3,702.9 | 222.17 | |
| 10,983.0 | 2.94 | 285.42 | 9,906.2 | -2,743.3 | -2,490.3 | 3,705.0 | 222.23 | |
| 11,045.0 | 2.94 | 285.42 | 9,968.1 | -2,742.5 | -2,493.4 | 3,706.5 | 222.28 | |
| PTB @ 11045 MD/ 9968.1 TVD | | | | | | | | |

| Survey Annotations | | | | |
|---------------------|---------------------|-------------------|------------|--------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 201.0 | 201.0 | -0.5 | 0.2 | First Survey @ 201 MD/ 201 TVD |
| 11,045.0 | 9,968.1 | -2,742.5 | -2,493.4 | PTB @ 11045 MD/ 9968.1 TVD |

Checked By: _____ Approved By: _____ Date: _____