

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1250421
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1250421

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

| | | |
|--|--|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| Borehole ID | Branch | Measured Depth (ft) | Azimuth (deg) | Inclination (deg) | EW (ft) | NS (ft) |
|-------------|--------|---------------------|---------------|-------------------|---------|---------|
| TL012 | main | 0.00 | 12.40 | 100.00 | 0.00 | 0.00 |
| TL012 | main | 39.37 | 12.07 | 101.25 | 8.20 | 37.83 |
| TL012 | main | 59.06 | 11.76 | 100.32 | 12.20 | 56.73 |
| TL012 | main | 78.74 | 12.76 | 100.20 | 16.31 | 75.66 |
| TL012 | main | 98.43 | 13.08 | 100.93 | 20.64 | 94.52 |
| TL012 | main | 118.11 | 13.03 | 99.89 | 25.00 | 113.39 |
| TL012 | main | 137.80 | 12.07 | 99.70 | 29.23 | 132.32 |
| TL012 | main | 157.48 | 13.11 | 99.23 | 33.43 | 151.28 |
| TL012 | main | 177.17 | 13.54 | 98.65 | 37.93 | 170.18 |
| TL012 | main | 196.85 | 11.60 | 97.52 | 42.16 | 189.21 |
| TL012 | main | 216.54 | 9.21 | 96.01 | 45.70 | 208.43 |
| TL012 | main | 236.22 | 8.82 | 95.41 | 48.75 | 227.79 |
| TL012 | main | 255.91 | 8.68 | 96.19 | 51.74 | 247.15 |
| TL012 | main | 275.59 | 8.49 | 95.45 | 54.66 | 266.50 |
| TL012 | main | 295.28 | 7.85 | 93.95 | 57.45 | 285.93 |
| TL012 | main | 314.96 | 8.75 | 92.99 | 60.30 | 305.38 |
| TL012 | main | 334.65 | 8.47 | 92.59 | 63.22 | 324.80 |
| TL012 | main | 354.33 | 9.16 | 91.43 | 66.24 | 344.26 |
| TL012 | main | 374.02 | 9.76 | 89.96 | 69.49 | 363.65 |
| TL012 | main | 393.70 | 9.84 | 88.95 | 72.83 | 383.07 |
| TL012 | main | 413.39 | 8.71 | 89.11 | 76.02 | 402.49 |
| TL012 | main | 433.07 | 8.10 | 89.62 | 78.87 | 421.95 |
| TL012 | main | 452.76 | 8.45 | 90.48 | 81.73 | 441.44 |
| TL012 | main | 472.44 | 7.86 | 90.58 | 84.51 | 460.93 |
| TL012 | main | 492.13 | 6.60 | 89.65 | 87.01 | 480.45 |
| TL012 | main | 511.81 | 6.60 | 90.25 | 89.27 | 500.00 |
| TL012 | b4s | 531.50 | 7.73 | 91.37 | 91.70 | 519.52 |
| TL012 | b4 | 551.18 | 7.90 | 91.22 | 94.39 | 539.04 |
| TL012 | b4 | 570.87 | 7.84 | 91.00 | 97.08 | 558.53 |
| TL012 | b4 | 590.55 | 8.02 | 90.77 | 99.80 | 578.02 |
| TL012 | b4 | 610.24 | 7.92 | 90.53 | 102.53 | 597.51 |
| TL012 | b4 | 629.92 | 8.00 | 90.25 | 105.25 | 616.99 |
| TL012 | b4 | 649.61 | 7.76 | 91.04 | 107.94 | 636.52 |
| TL012 | b4 | 669.29 | 7.81 | 90.76 | 110.63 | 656.00 |
| TL012 | b4 | 688.98 | 8.18 | 90.48 | 113.35 | 675.49 |
| TL012 | b4 | 708.66 | 8.04 | 90.65 | 116.14 | 694.98 |
| TL012 | b4 | 728.35 | 7.02 | 91.06 | 118.70 | 714.50 |
| TL012 | b4 | 748.03 | 6.67 | 91.10 | 121.06 | 734.06 |
| TL012 | b4 | 767.72 | 6.92 | 91.12 | 123.39 | 753.58 |
| TL012 | b4 | 787.40 | 8.68 | 90.71 | 126.05 | 773.10 |
| TL012 | b4 | 807.09 | 9.00 | 90.64 | 129.07 | 792.52 |
| TL012 | b4 | 826.77 | 8.99 | 90.92 | 132.15 | 811.98 |
| TL012 | b4 | 846.46 | 8.78 | 91.20 | 135.20 | 831.43 |
| TL012 | b4 | 866.14 | 8.90 | 91.26 | 138.22 | 850.85 |
| TL012 | b4 | 885.83 | 9.21 | 89.70 | 141.34 | 870.31 |
| TL012 | b4 | 905.51 | 8.76 | 89.67 | 144.39 | 889.73 |

| | | | | | | |
|-------|----|---------|-------|-------|--------|---------|
| TL012 | b4 | 925.20 | 8.86 | 90.28 | 147.41 | 909.19 |
| TL012 | b4 | 944.88 | 8.51 | 90.50 | 150.39 | 928.67 |
| TL012 | b4 | 964.57 | 8.44 | 90.85 | 153.28 | 948.13 |
| TL012 | b4 | 984.25 | 8.48 | 91.27 | 156.17 | 967.59 |
| TL012 | b4 | 1003.94 | 9.19 | 90.23 | 159.22 | 987.04 |
| TL012 | b4 | 1023.62 | 8.91 | 90.44 | 162.30 | 1006.50 |
| TL012 | b4 | 1043.31 | 9.59 | 90.59 | 165.45 | 1025.92 |
| TL012 | b4 | 1062.99 | 8.64 | 90.17 | 168.57 | 1045.34 |
| TL012 | b4 | 1082.68 | 7.84 | 89.05 | 171.39 | 1064.83 |
| TL012 | b4 | 1102.36 | 7.63 | 89.77 | 174.05 | 1084.32 |
| TL012 | b4 | 1122.05 | 8.76 | 89.99 | 176.87 | 1103.81 |
| TL012 | b4 | 1141.73 | 9.64 | 90.23 | 180.02 | 1123.26 |
| TL012 | b4 | 1161.42 | 9.09 | 90.37 | 183.20 | 1142.68 |
| TL012 | b4 | 1181.10 | 7.71 | 89.91 | 186.09 | 1162.14 |
| TL012 | b4 | 1200.79 | 6.82 | 90.29 | 188.58 | 1181.66 |
| TL012 | b4 | 1220.47 | 6.82 | 91.22 | 190.91 | 1201.21 |
| TL012 | b4 | 1240.16 | 7.93 | 92.28 | 193.44 | 1220.73 |
| TL012 | b4 | 1259.84 | 8.92 | 92.66 | 196.33 | 1240.19 |
| TL012 | b4 | 1279.53 | 9.43 | 92.30 | 199.44 | 1259.58 |
| TL012 | b4 | 1299.21 | 9.93 | 91.37 | 202.76 | 1279.00 |
| TL012 | b4 | 1318.90 | 10.32 | 91.13 | 206.23 | 1298.36 |
| TL012 | b4 | 1338.58 | 9.82 | 90.38 | 209.68 | 1317.75 |
| TL012 | b4 | 1358.27 | 9.09 | 89.74 | 212.89 | 1337.17 |
| TL012 | b4 | 1377.95 | 8.64 | 89.80 | 215.94 | 1356.63 |
| TL012 | b4 | 1397.64 | 8.17 | 89.71 | 218.80 | 1376.08 |
| TL012 | b4 | 1417.32 | 8.36 | 90.40 | 221.62 | 1395.57 |
| TL012 | b4 | 1437.01 | 9.80 | 91.20 | 224.74 | 1414.99 |
| TL012 | b4 | 1456.69 | 9.78 | 91.14 | 228.08 | 1434.38 |
| TL012 | b4 | 1476.38 | 9.88 | 90.92 | 231.46 | 1453.81 |
| TL012 | b4 | 1496.06 | 9.74 | 90.69 | 234.81 | 1473.20 |
| TL012 | b4 | 1515.75 | 9.45 | 90.18 | 238.09 | 1492.59 |
| TL012 | b4 | 1535.43 | 9.16 | 89.87 | 241.27 | 1512.01 |
| TL012 | b4 | 1555.12 | 9.84 | 89.75 | 244.52 | 1531.43 |
| TL012 | b4 | 1574.80 | 10.20 | 89.98 | 247.93 | 1550.82 |
| TL012 | b4 | 1594.49 | 9.62 | 90.83 | 251.31 | 1570.21 |
| TL012 | b4 | 1614.17 | 9.28 | 90.40 | 254.56 | 1589.63 |
| TL012 | b4 | 1633.86 | 9.10 | 90.29 | 257.71 | 1609.06 |
| TL012 | b4 | 1653.54 | 9.41 | 90.57 | 260.86 | 1628.48 |
| TL012 | b4 | 1673.23 | 10.27 | 92.83 | 264.24 | 1647.87 |
| TL012 | b4 | 1692.91 | 10.09 | 92.56 | 267.72 | 1667.22 |
| TL012 | b4 | 1712.60 | 10.68 | 90.49 | 271.26 | 1686.58 |
| TL012 | b4 | 1732.28 | 10.51 | 89.48 | 274.87 | 1705.94 |
| TL012 | b4 | 1751.97 | 9.65 | 90.45 | 278.31 | 1725.30 |
| TL012 | b4 | 1771.65 | 8.47 | 91.63 | 281.43 | 1744.75 |
| TL012 | b4 | 1791.34 | 8.20 | 91.06 | 284.28 | 1764.21 |
| TL012 | b4 | 1811.02 | 7.81 | 90.32 | 287.01 | 1783.69 |
| TL012 | b4 | 1830.71 | 9.22 | 91.54 | 289.93 | 1803.18 |

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|-------|-----|---------|-------|-------|--------|---------|
| TL012 | b4 | 1850.39 | 10.27 | 92.32 | 293.24 | 1822.57 |
| TL012 | b4 | 1870.08 | 10.18 | 90.67 | 296.75 | 1841.93 |
| TL012 | b4 | 1889.76 | 10.27 | 89.97 | 300.23 | 1861.29 |
| TL012 | b4 | 1909.45 | 9.18 | 89.44 | 303.58 | 1880.71 |
| TL012 | b4 | 1929.13 | 8.03 | 89.55 | 306.50 | 1900.16 |
| TL012 | b4 | 1948.82 | 8.13 | 89.99 | 309.28 | 1919.65 |
| TL012 | b4 | 1968.50 | 8.21 | 90.62 | 312.07 | 1939.14 |
| TL012 | b4 | 1988.19 | 9.39 | 90.47 | 315.09 | 1958.60 |
| TL012 | b4 | 2007.87 | 8.84 | 90.03 | 318.21 | 1978.02 |
| TL012 | b4 | 2027.56 | 9.05 | 89.70 | 321.26 | 1997.47 |
| TL012 | b4 | 2047.24 | 9.50 | 90.94 | 324.44 | 2016.90 |
| TL012 | b4 | 2066.93 | 9.60 | 90.64 | 327.69 | 2036.32 |
| TL012 | b4 | 2086.61 | 9.47 | 90.28 | 330.97 | 2055.71 |
| TL012 | b4 | 2106.30 | 9.75 | 90.31 | 334.25 | 2075.13 |
| TL012 | b4 | 2125.98 | 9.97 | 90.61 | 337.63 | 2094.52 |
| TL012 | b4 | 2145.67 | 9.70 | 90.42 | 340.98 | 2113.91 |
| TL012 | b4 | 2165.35 | 9.60 | 90.02 | 344.29 | 2133.33 |
| TL012 | b4 | 2185.04 | 9.32 | 89.78 | 347.51 | 2152.76 |
| TL012 | b4 | 2204.72 | 8.92 | 90.16 | 350.66 | 2172.18 |
| TL012 | b4 | 2224.41 | 9.09 | 89.79 | 353.71 | 2191.63 |
| TL012 | b4 | 2244.09 | 8.36 | 89.95 | 356.69 | 2211.09 |
| TL012 | b4 | 2263.78 | 7.27 | 89.26 | 359.38 | 2230.58 |
| TL012 | b4 | 2283.46 | 6.79 | 88.95 | 361.78 | 2250.10 |
| TL012 | b4 | 2303.15 | 7.05 | 90.46 | 364.17 | 2269.65 |
| TL012 | b2s | 2322.83 | 7.57 | 92.10 | 366.67 | 2289.17 |
| TL012 | b2 | 2342.52 | 10.30 | 93.49 | 369.72 | 2308.60 |
| TL012 | b1s | 2362.20 | 11.77 | 92.48 | 373.49 | 2327.89 |
| TL012 | b1 | 2381.89 | 12.38 | 91.78 | 377.59 | 2347.11 |
| TL012 | b1 | 2401.57 | 12.11 | 89.62 | 381.76 | 2366.37 |
| TL012 | b1 | 2421.26 | 10.77 | 88.33 | 385.66 | 2385.66 |
| TL012 | b1 | 2440.94 | 10.10 | 89.08 | 389.24 | 2405.02 |
| TL012 | b1 | 2460.63 | 10.15 | 87.40 | 392.68 | 2424.38 |
| TL012 | b1 | 2480.31 | 11.27 | 87.66 | 396.36 | 2443.70 |
| TL012 | b1 | 2500.00 | 9.98 | 87.11 | 399.97 | 2463.02 |
| TL012 | b1 | 2519.69 | 9.55 | 86.05 | 403.31 | 2482.38 |
| TL012 | b1e | 2531.17 | 9.55 | 86.05 | 405.22 | 2493.70 |
| TL012 | b2 | 2362.20 | 8.04 | 90.06 | 372.87 | 2328.02 |
| TL012 | b2e | 2373.69 | 8.04 | 90.06 | 374.48 | 2339.37 |
| TL012 | b4 | 2322.83 | 7.94 | 91.79 | 366.73 | 2289.17 |
| TL012 | b4 | 2342.52 | 7.87 | 90.06 | 369.42 | 2308.66 |
| TL012 | b4 | 2362.20 | 7.24 | 89.23 | 372.01 | 2328.18 |
| TL012 | b4 | 2381.89 | 6.53 | 90.44 | 374.38 | 2347.70 |
| TL012 | b4 | 2401.57 | 6.92 | 91.62 | 376.67 | 2367.26 |
| TL012 | b4 | 2421.26 | 5.96 | 90.95 | 378.90 | 2386.81 |
| TL012 | b4 | 2440.94 | 7.46 | 91.25 | 381.20 | 2406.36 |
| TL012 | b4 | 2460.63 | 9.25 | 91.23 | 384.06 | 2425.82 |
| TL012 | b4 | 2480.31 | 10.02 | 90.54 | 387.37 | 2445.24 |

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|-------|-----|---------|-------|-------|--------|---------|
| TL012 | b4 | 2500.00 | 10.56 | 90.97 | 390.88 | 2464.60 |
| TL012 | b4 | 2519.69 | 11.28 | 92.44 | 394.59 | 2483.92 |
| TL012 | b4 | 2539.37 | 10.84 | 92.30 | 398.36 | 2503.22 |
| TL012 | b4 | 2559.06 | 10.06 | 91.10 | 401.94 | 2522.57 |
| TL012 | b4 | 2578.74 | 10.13 | 90.68 | 405.38 | 2541.96 |
| TL012 | b4 | 2598.43 | 9.93 | 90.29 | 408.83 | 2561.35 |
| TL012 | b4 | 2618.11 | 9.26 | 89.96 | 412.11 | 2580.74 |
| TL012 | b4 | 2637.80 | 9.01 | 91.28 | 415.22 | 2600.20 |
| TL012 | b4 | 2657.48 | 8.48 | 90.79 | 418.21 | 2619.65 |
| TL012 | b4 | 2677.17 | 9.24 | 91.12 | 421.26 | 2639.07 |
| TL012 | b4 | 2696.85 | 10.73 | 91.87 | 424.67 | 2658.46 |
| TL012 | b4 | 2716.54 | 11.55 | 90.59 | 428.48 | 2677.79 |
| TL012 | b4 | 2736.22 | 12.01 | 90.81 | 432.48 | 2697.05 |
| TL012 | b4 | 2755.91 | 12.25 | 92.54 | 436.61 | 2716.27 |
| TL012 | b4 | 2775.59 | 12.10 | 91.20 | 440.78 | 2735.50 |
| TL012 | b4 | 2795.28 | 12.15 | 90.60 | 444.91 | 2754.76 |
| TL012 | b4 | 2814.96 | 12.24 | 92.29 | 449.05 | 2773.98 |
| TL012 | b4 | 2834.65 | 12.20 | 90.89 | 453.22 | 2793.21 |
| TL012 | b4 | 2854.33 | 12.10 | 90.53 | 457.38 | 2812.47 |
| TL012 | b4 | 2874.02 | 10.80 | 90.80 | 461.29 | 2831.76 |
| TL012 | b4 | 2893.70 | 9.91 | 92.29 | 464.83 | 2851.12 |
| TL012 | b4 | 2913.39 | 9.02 | 92.03 | 468.04 | 2870.51 |
| TL012 | b4 | 2933.07 | 8.80 | 91.35 | 471.10 | 2889.96 |
| TL012 | b4 | 2952.76 | 9.19 | 90.83 | 474.18 | 2909.38 |
| TL012 | b4 | 2972.44 | 9.41 | 90.18 | 477.36 | 2928.81 |
| TL012 | b4 | 2992.13 | 9.22 | 89.84 | 480.54 | 2948.23 |
| TL012 | b3s | 3011.81 | 8.71 | 90.85 | 483.60 | 2967.68 |
| TL012 | b3 | 3031.50 | 8.94 | 90.26 | 486.61 | 2987.14 |
| TL012 | b3 | 3051.18 | 8.47 | 89.66 | 489.60 | 3006.59 |
| TL012 | b3 | 3070.87 | 8.86 | 90.82 | 492.59 | 3026.05 |
| TL012 | b3 | 3090.55 | 9.93 | 90.37 | 495.77 | 3045.47 |
| TL012 | b3 | 3110.24 | 10.12 | 89.87 | 499.21 | 3064.86 |
| TL012 | b3 | 3129.92 | 10.28 | 91.56 | 502.69 | 3084.22 |
| TL012 | b3 | 3149.61 | 9.86 | 91.85 | 506.14 | 3103.61 |
| TL012 | b3 | 3169.29 | 9.85 | 91.31 | 509.51 | 3123.00 |
| TL012 | b3 | 3188.98 | 10.19 | 90.81 | 512.93 | 3142.36 |
| TL012 | b3 | 3208.66 | 10.16 | 90.54 | 516.40 | 3161.75 |
| TL012 | b3 | 3228.35 | 9.94 | 91.88 | 519.85 | 3181.14 |
| TL012 | b3 | 3248.03 | 10.01 | 91.65 | 523.26 | 3200.49 |
| TL012 | b3 | 3267.72 | 9.68 | 91.75 | 526.61 | 3219.88 |
| TL012 | b3 | 3287.40 | 9.53 | 91.67 | 529.89 | 3239.30 |
| TL012 | b3 | 3307.09 | 9.39 | 91.54 | 533.14 | 3258.69 |
| TL012 | b3 | 3326.77 | 9.42 | 91.20 | 536.35 | 3278.12 |
| TL012 | b3 | 3346.46 | 9.55 | 90.91 | 539.60 | 3297.54 |
| TL012 | b3 | 3366.14 | 9.57 | 90.60 | 542.85 | 3316.93 |
| TL012 | b3 | 3385.83 | 9.67 | 90.07 | 546.16 | 3336.35 |
| TL012 | b3 | 3405.51 | 9.97 | 90.54 | 549.51 | 3355.74 |

| | | | | | | |
|-------|----|---------|-------|-------|--------|---------|
| TL012 | b3 | 3425.20 | 9.28 | 90.95 | 552.79 | 3375.13 |
| TL012 | b3 | 3444.88 | 8.59 | 92.15 | 555.84 | 3394.59 |
| TL012 | b3 | 3464.57 | 9.01 | 91.92 | 558.86 | 3414.04 |
| TL012 | b3 | 3484.25 | 9.15 | 91.41 | 561.98 | 3433.46 |
| TL012 | b3 | 3503.94 | 9.83 | 90.77 | 565.22 | 3452.85 |
| TL012 | b3 | 3523.62 | 9.68 | 90.33 | 568.54 | 3472.28 |
| TL012 | b3 | 3543.31 | 9.37 | 90.74 | 571.82 | 3491.67 |
| TL012 | b3 | 3562.99 | 8.40 | 91.40 | 574.84 | 3511.12 |
| TL012 | b3 | 3582.68 | 8.67 | 90.80 | 577.76 | 3530.58 |
| TL012 | b3 | 3602.36 | 8.63 | 90.17 | 580.71 | 3550.07 |
| TL012 | b3 | 3622.05 | 9.06 | 90.79 | 583.76 | 3569.49 |
| TL012 | b3 | 3641.73 | 10.19 | 91.42 | 587.04 | 3588.91 |
| TL012 | b3 | 3661.42 | 9.88 | 91.27 | 590.49 | 3608.27 |
| TL012 | b3 | 3681.10 | 9.92 | 90.35 | 593.86 | 3627.66 |
| TL012 | b3 | 3700.79 | 9.94 | 90.49 | 597.24 | 3647.05 |
| TL012 | b3 | 3720.47 | 9.49 | 92.00 | 600.56 | 3666.47 |
| TL012 | b3 | 3740.16 | 9.52 | 91.63 | 603.81 | 3685.86 |
| TL012 | b3 | 3759.84 | 9.61 | 91.12 | 607.09 | 3705.28 |
| TL012 | b3 | 3779.53 | 9.37 | 90.29 | 610.33 | 3724.67 |
| TL012 | b3 | 3799.21 | 9.71 | 89.72 | 613.58 | 3744.09 |
| TL012 | b3 | 3818.90 | 10.09 | 90.91 | 616.99 | 3763.48 |
| TL012 | b3 | 3838.58 | 10.33 | 90.91 | 620.47 | 3782.87 |
| TL012 | b3 | 3858.27 | 10.30 | 90.10 | 623.98 | 3802.23 |
| TL012 | b3 | 3877.95 | 11.04 | 91.04 | 627.62 | 3821.56 |
| TL012 | b3 | 3897.64 | 11.54 | 92.73 | 631.50 | 3840.85 |
| TL012 | b3 | 3917.32 | 12.04 | 91.69 | 635.50 | 3860.10 |
| TL012 | b3 | 3937.01 | 11.76 | 90.65 | 639.57 | 3879.36 |
| TL012 | b3 | 3956.69 | 11.73 | 89.85 | 643.57 | 3898.65 |
| TL012 | b3 | 3976.38 | 11.10 | 89.71 | 647.47 | 3917.95 |
| TL012 | b3 | 3996.06 | 10.70 | 88.55 | 651.18 | 3937.27 |
| TL012 | b3 | 4015.75 | 10.45 | 89.60 | 654.79 | 3956.63 |
| TL012 | b3 | 4035.43 | 10.93 | 90.85 | 658.46 | 3975.95 |
| TL012 | b3 | 4055.12 | 11.24 | 90.14 | 662.24 | 3995.28 |
| TL012 | b3 | 4074.80 | 11.37 | 89.85 | 666.11 | 4014.57 |
| TL012 | b3 | 4094.49 | 11.80 | 90.27 | 670.05 | 4033.86 |
| TL012 | b3 | 4114.17 | 11.88 | 90.13 | 674.08 | 4053.12 |
| TL012 | b3 | 4133.86 | 11.27 | 90.33 | 678.05 | 4072.41 |
| TL012 | b3 | 4153.54 | 10.72 | 91.20 | 681.79 | 4091.73 |
| TL012 | b3 | 4173.23 | 10.20 | 92.13 | 685.37 | 4111.09 |
| TL012 | b3 | 4192.91 | 9.29 | 92.59 | 688.71 | 4130.48 |
| TL012 | b3 | 4212.60 | 9.48 | 91.82 | 691.90 | 4149.87 |
| TL012 | b3 | 4232.28 | 9.53 | 91.17 | 695.14 | 4169.29 |
| TL012 | b3 | 4251.97 | 9.32 | 90.41 | 698.39 | 4188.71 |
| TL012 | b3 | 4271.65 | 9.94 | 89.97 | 701.67 | 4208.10 |
| TL012 | b3 | 4291.34 | 10.37 | 89.96 | 705.15 | 4227.49 |
| TL012 | b3 | 4311.02 | 10.91 | 89.91 | 708.79 | 4246.82 |
| TL012 | b3 | 4330.71 | 12.35 | 90.23 | 712.76 | 4266.11 |

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|-------|----|---------|-------|-------|--------|---------|
| TL012 | b3 | 4350.39 | 12.72 | 89.98 | 717.03 | 4285.33 |
| TL012 | b3 | 4370.08 | 13.06 | 90.96 | 721.42 | 4304.53 |
| TL012 | b3 | 4389.76 | 13.74 | 91.16 | 725.98 | 4323.65 |
| TL012 | b3 | 4409.45 | 14.92 | 91.81 | 730.84 | 4342.72 |
| TL012 | b3 | 4429.13 | 15.88 | 91.80 | 736.06 | 4361.71 |
| TL012 | b3 | 4448.82 | 15.93 | 92.23 | 741.47 | 4380.61 |
| TL012 | b3 | 4468.50 | 16.55 | 92.05 | 746.95 | 4399.51 |
| TL012 | b3 | 4488.19 | 15.93 | 89.78 | 752.46 | 4418.41 |
| TL012 | b3 | 4507.87 | 16.62 | 89.63 | 757.97 | 4437.30 |
| TL012 | b3 | 4527.56 | 18.27 | 89.67 | 763.88 | 4456.07 |
| TL012 | b3 | 4547.24 | 19.39 | 90.37 | 770.24 | 4474.70 |
| TL012 | b3 | 4566.93 | 20.59 | 90.77 | 776.97 | 4493.21 |
| TL012 | b3 | 4586.61 | 21.20 | 90.44 | 783.99 | 4511.58 |
| TL012 | b3 | 4606.30 | 21.19 | 90.75 | 791.11 | 4529.95 |
| TL012 | b3 | 4625.98 | 21.35 | 90.20 | 798.23 | 4548.29 |
| TL012 | b3 | 4645.67 | 21.81 | 90.99 | 805.48 | 4566.60 |
| TL012 | b3 | 4665.35 | 21.85 | 91.80 | 812.80 | 4584.84 |
| TL012 | b3 | 4704.72 | 20.38 | 93.92 | 826.97 | 4621.52 |
| TL012 | b3 | 4724.41 | 20.12 | 94.28 | 833.76 | 4639.96 |
| TL012 | b3 | 4744.09 | 18.95 | 94.08 | 840.32 | 4658.46 |
| TL012 | b3 | 4763.78 | 17.83 | 93.70 | 846.52 | 4677.10 |
| TL012 | b3 | 4783.46 | 16.91 | 93.85 | 852.36 | 4695.83 |
| TL012 | b3 | 4803.15 | 15.72 | 93.83 | 857.91 | 4714.70 |
| TL012 | b3 | 4822.83 | 14.68 | 93.39 | 863.06 | 4733.66 |
| TL012 | b3 | 4842.52 | 13.52 | 92.97 | 867.85 | 4752.72 |
| TL012 | b3 | 4862.20 | 12.28 | 92.81 | 872.21 | 4771.88 |
| TL012 | b3 | 4881.89 | 11.16 | 93.02 | 876.21 | 4791.14 |
| TL012 | b3 | 4901.57 | 9.98 | 93.20 | 879.82 | 4810.43 |
| TL012 | b3 | 4921.26 | 8.57 | 92.82 | 882.97 | 4829.86 |
| TL012 | b3 | 4940.94 | 8.22 | 91.83 | 885.86 | 4849.31 |
| TL012 | b3 | 4960.63 | 8.47 | 91.24 | 888.71 | 4868.77 |
| TL012 | b3 | 4980.31 | 8.55 | 91.38 | 891.63 | 4888.25 |
| TL012 | b3 | 5000.00 | 9.00 | 90.32 | 894.62 | 4907.68 |
| TL012 | b3 | 5019.69 | 8.65 | 89.95 | 897.67 | 4927.13 |
| TL012 | b3 | 5039.37 | 8.76 | 89.33 | 900.62 | 4946.59 |
| TL012 | b3 | 5059.06 | 9.89 | 88.58 | 903.84 | 4966.01 |
| TL012 | b3 | 5078.74 | 10.82 | 88.12 | 907.35 | 4985.37 |
| TL012 | b3 | 5098.43 | 11.63 | 87.70 | 911.19 | 5004.66 |
| TL012 | b3 | 5118.11 | 11.88 | 87.32 | 915.19 | 5023.92 |
| TL012 | b3 | 5137.80 | 13.31 | 87.55 | 919.49 | 5043.11 |
| TL012 | b3 | 5157.48 | 15.04 | 87.99 | 924.31 | 5062.20 |
| TL012 | b3 | 5177.17 | 15.69 | 88.57 | 929.53 | 5081.17 |
| TL012 | b3 | 5196.85 | 16.68 | 88.02 | 935.01 | 5100.07 |
| TL012 | b3 | 5216.54 | 16.79 | 88.20 | 940.68 | 5118.90 |
| TL012 | b3 | 5236.22 | 16.61 | 88.83 | 946.33 | 5137.76 |
| TL012 | b3 | 5255.91 | 17.42 | 89.19 | 952.10 | 5156.56 |
| TL012 | b3 | 5275.59 | 16.72 | 90.14 | 957.87 | 5175.39 |

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|-------|-----|---------|--------|-------|---------|---------|
| TL012 | b3 | 5295.28 | 17.12 | 90.37 | 963.58 | 5194.23 |
| TL012 | b3 | 5314.96 | 16.20 | 90.78 | 969.23 | 5213.09 |
| TL012 | b3 | 5334.65 | 16.08 | 91.04 | 974.70 | 5231.99 |
| TL012 | b3 | 5354.33 | 17.18 | 90.21 | 980.35 | 5250.85 |
| TL012 | b3 | 5374.02 | 18.56 | 89.24 | 986.38 | 5269.59 |
| TL012 | b3 | 5393.70 | 18.78 | 88.45 | 992.68 | 5288.22 |
| TL012 | b3 | 5413.39 | 19.84 | 88.35 | 999.18 | 5306.79 |
| TL012 | b3 | 5433.07 | 20.98 | 89.26 | 1006.04 | 5325.23 |
| TL012 | b3 | 5452.76 | 21.50 | 90.03 | 1013.19 | 5343.57 |
| TL012 | b3 | 5472.44 | 22.18 | 89.26 | 1020.51 | 5361.84 |
| TL012 | b3 | 5492.13 | 22.95 | 88.40 | 1028.05 | 5380.02 |
| TL012 | b3 | 5511.81 | 24.39 | 87.81 | 1035.96 | 5398.06 |
| TL012 | b3e | 5523.29 | 24.39 | 87.81 | 1040.68 | 5408.50 |
| TL012 | b4 | 3011.81 | 7.67 | 89.04 | 483.43 | 2967.72 |
| TL012 | b4 | 3021.65 | 7.68 | 89.05 | 484.74 | 2977.46 |
| TL012 | b4 | 3041.34 | 6.55 | 87.92 | 487.17 | 2996.98 |
| TL012 | b4 | 3061.02 | 5.51 | 88.28 | 489.24 | 3016.57 |
| TL012 | b4 | 3080.71 | 3.76 | 89.05 | 490.85 | 3036.15 |
| TL012 | b4 | 3100.39 | 3.23 | 90.69 | 492.03 | 3055.81 |
| TL012 | b4 | 3120.08 | 3.52 | 89.28 | 493.21 | 3075.46 |
| TL012 | b4 | 3139.76 | 3.82 | 89.18 | 494.46 | 3095.11 |
| TL012 | b4 | 3159.45 | 2.10 | 88.65 | 495.47 | 3114.76 |
| TL012 | b4 | 3179.13 | 0.24 | 88.65 | 495.87 | 3134.45 |
| TL012 | b4 | 3198.82 | 358.29 | 88.70 | 495.60 | 3154.10 |
| TL012 | b4 | 3218.50 | 356.01 | 88.21 | 494.65 | 3173.75 |
| TL012 | b4 | 3238.19 | 355.02 | 89.15 | 493.11 | 3193.37 |
| TL012 | b4 | 3257.87 | 356.23 | 91.23 | 491.60 | 3213.02 |
| TL012 | b4 | 3277.56 | 355.92 | 91.93 | 490.26 | 3232.64 |
| TL012 | b4 | 3297.24 | 354.68 | 92.31 | 488.65 | 3252.26 |
| TL012 | b4 | 3316.93 | 355.08 | 91.67 | 486.88 | 3271.85 |
| TL012 | b4 | 3336.61 | 354.11 | 91.17 | 485.04 | 3291.44 |
| TL012 | b4 | 3356.30 | 352.86 | 92.42 | 482.81 | 3310.99 |
| TL012 | b4 | 3375.98 | 351.67 | 94.18 | 480.15 | 3330.45 |
| TL012 | b4 | 3395.67 | 351.77 | 93.30 | 477.33 | 3349.90 |
| TL012 | b4 | 3415.35 | 351.69 | 92.96 | 474.51 | 3369.36 |
| TL012 | b4 | 3435.04 | 350.71 | 92.92 | 471.49 | 3388.78 |
| TL012 | b4 | 3454.72 | 349.89 | 92.26 | 468.18 | 3408.17 |
| TL012 | b4 | 3474.41 | 350.10 | 91.95 | 464.76 | 3427.53 |
| TL012 | b4 | 3494.09 | 350.13 | 91.42 | 461.38 | 3446.92 |
| TL012 | b4 | 3513.78 | 350.25 | 90.94 | 458.04 | 3466.31 |
| TL012 | b4 | 3533.46 | 350.40 | 90.74 | 454.72 | 3485.70 |
| TL012 | b4 | 3553.15 | 350.98 | 90.51 | 451.54 | 3505.12 |
| TL012 | b4 | 3572.83 | 350.83 | 89.89 | 448.43 | 3524.57 |
| TL012 | b4 | 3592.52 | 351.79 | 90.17 | 445.44 | 3544.03 |
| TL012 | b4 | 3612.20 | 352.75 | 91.27 | 442.81 | 3563.55 |
| TL012 | b4 | 3631.89 | 351.84 | 90.69 | 440.16 | 3583.04 |
| TL012 | b4 | 3651.57 | 351.87 | 90.09 | 437.37 | 3602.53 |

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|-------|----|---------|--------|-------|--------|---------|
| TL012 | b4 | 3671.26 | 352.55 | 90.68 | 434.71 | 3622.01 |
| TL012 | b4 | 3690.94 | 351.79 | 90.35 | 432.02 | 3641.54 |
| TL012 | b4 | 3710.63 | 351.92 | 91.22 | 429.23 | 3661.02 |
| TL012 | b4 | 3730.31 | 351.58 | 92.20 | 426.41 | 3680.48 |
| TL012 | b4 | 3750.00 | 350.93 | 91.72 | 423.43 | 3699.93 |
| TL012 | b4 | 3769.69 | 350.32 | 91.31 | 420.21 | 3719.36 |
| TL012 | b4 | 3789.37 | 350.26 | 91.00 | 416.90 | 3738.75 |
| TL012 | b4 | 3809.06 | 350.29 | 91.04 | 413.58 | 3758.14 |
| TL012 | b4 | 3828.74 | 350.92 | 91.04 | 410.37 | 3777.56 |
| TL012 | b4 | 3848.43 | 350.50 | 90.79 | 407.19 | 3796.98 |
| TL012 | b4 | 3868.11 | 350.86 | 91.16 | 404.00 | 3816.40 |
| TL012 | b4 | 3887.80 | 351.54 | 91.11 | 400.98 | 3835.86 |
| TL012 | b4 | 3907.48 | 352.46 | 91.50 | 398.23 | 3855.35 |
| TL012 | b4 | 3927.17 | 351.74 | 91.29 | 395.54 | 3874.84 |
| TL012 | b4 | 3946.85 | 351.57 | 91.32 | 392.68 | 3894.32 |
| TL012 | b4 | 3966.54 | 350.85 | 90.89 | 389.67 | 3913.75 |
| TL012 | b4 | 3986.22 | 350.91 | 90.97 | 386.55 | 3933.20 |
| TL012 | b4 | 4005.91 | 350.88 | 90.25 | 383.43 | 3952.62 |
| TL012 | b4 | 4025.59 | 351.87 | 91.59 | 380.48 | 3972.08 |
| TL012 | b4 | 4045.28 | 351.64 | 91.25 | 377.66 | 3991.57 |
| TL012 | b4 | 4064.96 | 351.67 | 90.72 | 374.80 | 4011.02 |
| TL012 | b4 | 4084.65 | 351.83 | 90.50 | 371.98 | 4030.51 |
| TL012 | b4 | 4104.33 | 351.22 | 90.93 | 369.09 | 4050.00 |
| TL012 | b4 | 4124.02 | 351.93 | 90.84 | 366.21 | 4069.46 |
| TL012 | b4 | 4143.70 | 350.75 | 90.76 | 363.22 | 4088.91 |
| TL012 | b4 | 4163.39 | 350.81 | 90.38 | 360.07 | 4108.33 |
| TL012 | b4 | 4183.07 | 349.80 | 89.28 | 356.76 | 4127.76 |
| TL012 | b4 | 4202.76 | 349.01 | 89.93 | 353.15 | 4147.08 |
| TL012 | b4 | 4222.44 | 349.11 | 89.71 | 349.41 | 4166.44 |
| TL012 | b4 | 4242.13 | 348.40 | 90.19 | 345.57 | 4185.73 |
| TL012 | b4 | 4261.81 | 349.33 | 90.46 | 341.77 | 4205.05 |
| TL012 | b4 | 4281.50 | 350.90 | 90.44 | 338.39 | 4224.44 |
| TL012 | b4 | 4301.18 | 349.27 | 89.68 | 335.01 | 4243.83 |
| TL012 | b4 | 4320.87 | 348.75 | 90.21 | 331.23 | 4263.16 |
| TL012 | b4 | 4340.55 | 348.94 | 90.83 | 327.43 | 4282.45 |
| TL012 | b4 | 4360.24 | 350.38 | 91.20 | 323.92 | 4301.84 |
| TL012 | b4 | 4379.92 | 350.61 | 91.07 | 320.67 | 4321.23 |
| TL012 | b4 | 4399.61 | 350.55 | 90.68 | 317.45 | 4340.65 |
| TL012 | b4 | 4419.29 | 350.63 | 91.31 | 314.21 | 4360.07 |
| TL012 | b4 | 4438.98 | 351.62 | 91.21 | 311.19 | 4379.53 |
| TL012 | b4 | 4458.66 | 352.22 | 90.46 | 308.43 | 4399.02 |
| TL012 | b4 | 4478.35 | 352.74 | 89.94 | 305.84 | 4418.50 |
| TL012 | b4 | 4498.03 | 351.98 | 90.44 | 303.22 | 4438.02 |
| TL012 | b4 | 4517.72 | 352.20 | 90.88 | 300.52 | 4457.51 |
| TL012 | b4 | 4537.40 | 352.02 | 90.52 | 297.80 | 4477.03 |
| TL012 | b4 | 4557.09 | 352.15 | 90.80 | 295.11 | 4496.52 |
| TL012 | b4 | 4576.77 | 351.28 | 90.85 | 292.26 | 4515.98 |

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|-------|----|---------|--------|-------|--------|---------|
| TL012 | b4 | 4596.46 | 351.15 | 90.16 | 289.27 | 4535.43 |
| TL012 | b4 | 4616.14 | 350.71 | 90.32 | 286.15 | 4554.89 |
| TL012 | b4 | 4635.83 | 350.37 | 90.77 | 282.91 | 4574.31 |
| TL012 | b4 | 4655.51 | 351.23 | 90.65 | 279.79 | 4593.73 |
| TL012 | b4 | 4675.20 | 351.33 | 89.89 | 276.80 | 4613.19 |
| TL012 | b4 | 4694.88 | 350.73 | 89.86 | 273.72 | 4632.64 |
| TL012 | b4 | 4714.57 | 351.47 | 90.24 | 270.67 | 4652.07 |
| TL012 | b4 | 4734.25 | 352.54 | 90.45 | 267.95 | 4671.59 |
| TL012 | b4 | 4753.94 | 353.70 | 90.87 | 265.58 | 4691.11 |
| TL012 | b4 | 4773.62 | 353.00 | 90.24 | 263.29 | 4710.66 |
| TL012 | b4 | 4793.31 | 352.07 | 89.86 | 260.73 | 4730.18 |
| TL012 | b4 | 4812.99 | 352.10 | 91.01 | 258.04 | 4749.67 |
| TL012 | b4 | 4832.68 | 352.14 | 90.06 | 255.35 | 4769.19 |
| TL012 | b4 | 4852.36 | 352.24 | 89.56 | 252.66 | 4788.68 |
| TL012 | b4 | 4872.05 | 353.21 | 89.19 | 250.16 | 4808.20 |
| TL012 | b4 | 4891.73 | 352.63 | 89.30 | 247.74 | 4827.76 |
| TL012 | b4 | 4911.42 | 351.45 | 90.14 | 245.01 | 4847.24 |
| TL012 | b4 | 4931.10 | 352.17 | 90.32 | 242.19 | 4866.73 |
| TL012 | b4 | 4950.79 | 352.26 | 89.16 | 239.53 | 4886.22 |
| TL012 | b4 | 4970.47 | 351.44 | 89.01 | 236.75 | 4905.71 |
| TL012 | b4 | 4990.16 | 351.63 | 88.81 | 233.86 | 4925.16 |
| TL012 | b4 | 5009.84 | 350.84 | 88.50 | 230.84 | 4944.62 |
| TL012 | b4 | 5029.53 | 350.64 | 89.39 | 227.69 | 4964.04 |
| TL012 | b4 | 5049.21 | 350.21 | 90.46 | 224.41 | 4983.46 |
| TL012 | b4 | 5068.90 | 349.95 | 90.26 | 221.03 | 5002.85 |
| TL012 | b4 | 5088.58 | 350.00 | 90.45 | 217.59 | 5022.24 |
| TL012 | b4 | 5108.27 | 350.21 | 90.68 | 214.21 | 5041.63 |
| TL012 | b4 | 5127.95 | 349.08 | 90.91 | 210.66 | 5060.99 |
| TL012 | b4 | 5147.64 | 348.22 | 89.99 | 206.79 | 5080.28 |
| TL012 | b4 | 5167.32 | 348.91 | 89.65 | 202.89 | 5099.57 |
| TL012 | b4 | 5187.01 | 349.33 | 90.82 | 199.18 | 5118.90 |
| TL012 | b4 | 5206.69 | 349.36 | 90.52 | 195.54 | 5138.25 |
| TL012 | b4 | 5226.38 | 349.54 | 90.11 | 191.93 | 5157.61 |
| TL012 | b4 | 5246.06 | 349.82 | 91.19 | 188.42 | 5176.97 |
| TL012 | b4 | 5265.75 | 351.46 | 91.29 | 185.20 | 5196.39 |
| TL012 | b4 | 5285.43 | 350.27 | 90.49 | 182.09 | 5215.81 |
| TL012 | b4 | 5305.12 | 349.60 | 91.20 | 178.64 | 5235.20 |
| TL012 | b4 | 5324.80 | 349.59 | 91.40 | 175.10 | 5254.56 |
| TL012 | b4 | 5344.49 | 349.82 | 90.67 | 171.59 | 5273.92 |
| TL012 | b4 | 5364.17 | 350.00 | 90.57 | 168.11 | 5293.31 |
| TL012 | b4 | 5383.86 | 350.30 | 90.15 | 164.76 | 5312.70 |
| TL012 | b4 | 5403.54 | 350.80 | 89.12 | 161.52 | 5332.12 |
| TL012 | b4 | 5423.23 | 351.76 | 89.55 | 158.53 | 5351.57 |
| TL012 | b4 | 5442.91 | 352.03 | 90.51 | 155.77 | 5371.06 |
| TL012 | b4 | 5462.60 | 352.21 | 91.39 | 153.08 | 5390.55 |
| TL012 | b4 | 5482.28 | 353.99 | 91.62 | 150.72 | 5410.07 |
| TL012 | b4 | 5501.97 | 353.07 | 90.54 | 148.49 | 5429.66 |

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|-------|------|---------|--------|-------|--------|---------|
| TL012 | b4 | 5521.65 | 352.57 | 90.23 | 146.03 | 5449.18 |
| TL012 | b4 | 5541.34 | 352.83 | 90.49 | 143.54 | 5468.70 |
| TL012 | b4 | 5561.02 | 352.42 | 91.47 | 141.01 | 5488.22 |
| TL012 | b4 | 5580.71 | 353.07 | 91.14 | 138.52 | 5507.74 |
| TL012 | b4 | 5600.39 | 352.62 | 90.28 | 136.06 | 5527.26 |
| TL012 | b4 | 5620.08 | 352.91 | 90.03 | 133.60 | 5546.78 |
| TL012 | b4 | 5639.76 | 352.62 | 91.07 | 131.10 | 5566.34 |
| TL012 | b4 | 5659.45 | 351.77 | 91.93 | 128.44 | 5585.83 |
| TL012 | b4 | 5679.13 | 350.97 | 91.39 | 125.49 | 5605.28 |
| TL012 | b4 | 5698.82 | 350.44 | 91.13 | 122.31 | 5624.70 |
| TL012 | b4 | 5718.50 | 350.20 | 91.25 | 119.00 | 5644.09 |
| TL012 | b4 | 5738.19 | 350.23 | 90.49 | 115.65 | 5663.48 |
| TL012 | b4 | 5757.87 | 350.32 | 90.41 | 112.34 | 5682.91 |
| TL012 | b4 | 5777.56 | 349.97 | 90.97 | 108.96 | 5702.30 |
| TL012 | b4 | 5797.24 | 350.18 | 90.54 | 105.58 | 5721.69 |
| TL012 | b4 | 5816.93 | 350.45 | 90.85 | 102.26 | 5741.08 |
| TL012 | b4 | 5836.61 | 349.97 | 91.47 | 98.92 | 5760.47 |
| TL012 | b4 | 5856.30 | 350.07 | 91.48 | 95.51 | 5779.86 |
| TL012 | b4 | 5875.98 | 351.31 | 90.48 | 92.32 | 5799.28 |
| TL012 | b4 | 5895.67 | 350.79 | 90.10 | 89.24 | 5818.73 |
| TL012 | b4 | 5915.35 | 351.47 | 90.73 | 86.22 | 5838.16 |
| TL012 | b4 | 5935.04 | 351.33 | 90.61 | 83.27 | 5857.64 |
| TL012 | b4 | 5954.72 | 350.70 | 91.12 | 80.18 | 5877.07 |
| TL012 | b4 | 5974.41 | 351.01 | 90.50 | 77.07 | 5896.52 |
| TL012 | b4 | 5994.09 | 351.45 | 89.98 | 74.08 | 5915.98 |
| TL012 | b4 | 6013.78 | 350.79 | 89.11 | 71.03 | 5935.40 |
| TL012 | b4 | 6033.46 | 7.23 | 90.44 | 70.70 | 5955.02 |
| TL012 | b4e | 6044.95 | 7.23 | 90.44 | 72.15 | 5966.40 |
| TL012 | main | 531.50 | 7.21 | 90.45 | 91.63 | 519.55 |
| TL012 | main | 551.18 | 7.37 | 88.21 | 94.13 | 539.07 |
| TL012 | main | 570.87 | 7.10 | 88.59 | 96.59 | 558.60 |
| TL012 | main | 590.55 | 7.55 | 91.27 | 99.11 | 578.12 |
| TL012 | main | 610.24 | 7.13 | 91.52 | 101.61 | 597.64 |
| TL012 | main | 629.92 | 6.42 | 90.81 | 103.94 | 617.16 |
| TL012 | main | 649.61 | 8.11 | 91.68 | 106.43 | 636.68 |
| TL012 | main | 669.29 | 7.63 | 89.95 | 109.12 | 656.20 |
| TL012 | main | 688.98 | 6.75 | 90.49 | 111.58 | 675.72 |
| TL012 | main | 708.66 | 8.14 | 90.18 | 114.14 | 695.24 |
| TL012 | main | 728.35 | 7.75 | 90.43 | 116.86 | 714.73 |
| TL012 | main | 748.03 | 7.21 | 90.52 | 119.42 | 734.25 |
| TL012 | main | 767.72 | 7.38 | 90.77 | 121.92 | 753.77 |
| TL012 | main | 787.40 | 6.83 | 91.03 | 124.34 | 773.29 |
| TL012 | main | 807.09 | 8.15 | 90.69 | 126.94 | 792.81 |
| TL012 | main | 826.77 | 8.54 | 90.57 | 129.79 | 812.30 |
| TL012 | main | 846.46 | 7.37 | 90.60 | 132.51 | 831.79 |
| TL012 | main | 866.14 | 7.06 | 90.48 | 134.97 | 851.31 |
| TL012 | main | 885.83 | 7.08 | 90.07 | 137.40 | 870.87 |

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|-------|------|---------|------|-------|--------|---------|
| TL012 | main | 905.51 | 6.73 | 90.13 | 139.76 | 890.39 |
| TL012 | main | 925.20 | 6.65 | 90.52 | 142.06 | 909.94 |
| TL012 | main | 944.88 | 7.52 | 90.58 | 144.49 | 929.49 |
| TL012 | main | 964.57 | 7.71 | 91.09 | 147.08 | 948.98 |
| TL012 | main | 984.25 | 7.65 | 91.07 | 149.74 | 968.50 |
| TL012 | main | 1003.94 | 6.71 | 90.51 | 152.20 | 988.02 |
| TL012 | main | 1023.62 | 6.40 | 90.42 | 154.43 | 1007.58 |
| TL012 | main | 1043.31 | 7.47 | 90.50 | 156.79 | 1027.13 |
| TL012 | main | 1062.99 | 7.34 | 90.77 | 159.35 | 1046.65 |
| TL012 | main | 1082.68 | 7.70 | 90.79 | 161.91 | 1066.14 |
| TL012 | main | 1102.36 | 8.38 | 90.71 | 164.67 | 1085.63 |
| TL012 | main | 1122.05 | 7.44 | 90.24 | 167.39 | 1105.15 |
| TL012 | main | 1141.73 | 7.42 | 90.21 | 169.91 | 1124.67 |
| TL012 | main | 1161.42 | 7.40 | 90.30 | 172.47 | 1144.19 |
| TL012 | main | 1181.10 | 6.86 | 91.12 | 174.90 | 1163.71 |
| TL012 | main | 1200.79 | 7.44 | 90.81 | 177.36 | 1183.23 |
| TL012 | main | 1220.47 | 7.80 | 90.77 | 179.95 | 1202.76 |
| TL012 | main | 1240.16 | 7.54 | 89.83 | 182.61 | 1222.24 |
| TL012 | main | 1259.84 | 7.91 | 89.74 | 185.24 | 1241.77 |
| TL012 | main | 1279.53 | 7.01 | 90.57 | 187.80 | 1261.29 |
| TL012 | main | 1299.21 | 7.27 | 90.82 | 190.26 | 1280.81 |
| TL012 | main | 1318.90 | 6.34 | 91.22 | 192.59 | 1300.36 |
| TL012 | main | 1338.58 | 7.62 | 90.72 | 194.98 | 1319.88 |
| TL012 | main | 1358.27 | 7.33 | 90.71 | 197.54 | 1339.40 |
| TL012 | main | 1377.95 | 7.63 | 90.20 | 200.10 | 1358.92 |
| TL012 | main | 1397.64 | 8.18 | 90.21 | 202.79 | 1378.41 |
| TL012 | main | 1417.32 | 7.45 | 90.27 | 205.48 | 1397.93 |
| TL012 | main | 1437.01 | 6.84 | 90.57 | 207.91 | 1417.45 |
| TL012 | main | 1456.69 | 8.07 | 89.95 | 210.47 | 1436.98 |
| TL012 | main | 1476.38 | 8.36 | 90.06 | 213.29 | 1456.46 |
| TL012 | main | 1496.06 | 7.66 | 90.60 | 216.04 | 1475.95 |
| TL012 | main | 1515.75 | 6.27 | 91.15 | 218.41 | 1495.47 |
| TL012 | main | 1535.43 | 6.45 | 90.78 | 220.60 | 1515.06 |
| TL012 | main | 1555.12 | 6.90 | 89.90 | 222.87 | 1534.61 |
| TL012 | main | 1574.80 | 8.64 | 89.32 | 225.56 | 1554.10 |
| TL012 | main | 1594.49 | 8.96 | 90.37 | 228.54 | 1573.56 |
| TL012 | main | 1614.17 | 8.16 | 91.36 | 231.50 | 1593.01 |
| TL012 | main | 1633.86 | 6.33 | 91.48 | 233.96 | 1612.53 |
| TL012 | main | 1653.54 | 6.84 | 90.59 | 236.22 | 1632.09 |
| TL012 | main | 1673.23 | 6.79 | 90.26 | 238.55 | 1651.64 |
| TL012 | main | 1692.91 | 8.68 | 91.16 | 241.21 | 1671.13 |
| TL012 | main | 1712.60 | 8.62 | 90.60 | 244.16 | 1690.58 |
| TL012 | main | 1732.28 | 8.10 | 90.65 | 247.01 | 1710.07 |
| TL012 | main | 1751.97 | 6.73 | 90.93 | 249.57 | 1729.59 |
| TL012 | main | 1771.65 | 6.62 | 89.73 | 251.87 | 1749.15 |
| TL012 | main | 1791.34 | 5.68 | 89.48 | 253.97 | 1768.70 |
| TL012 | main | 1811.02 | 6.71 | 90.11 | 256.10 | 1788.29 |

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|-------|------|---------|-------|-------|--------|---------|
| TL012 | main | 1830.71 | 9.01 | 89.24 | 258.79 | 1807.78 |
| TL012 | main | 1850.39 | 9.71 | 89.92 | 261.98 | 1827.20 |
| TL012 | main | 1870.08 | 8.85 | 90.11 | 265.16 | 1846.62 |
| TL012 | main | 1889.76 | 8.13 | 89.19 | 268.08 | 1866.11 |
| TL012 | main | 1909.45 | 6.56 | 89.53 | 270.57 | 1885.63 |
| TL012 | main | 1929.13 | 6.90 | 90.88 | 272.87 | 1905.18 |
| TL012 | main | 1948.82 | 6.82 | 92.29 | 275.23 | 1924.70 |
| TL012 | main | 1968.50 | 6.20 | 91.03 | 277.46 | 1944.26 |
| TL012 | main | 1988.19 | 6.33 | 91.25 | 279.63 | 1963.81 |
| TL012 | main | 2007.87 | 7.20 | 90.29 | 281.92 | 1983.37 |
| TL012 | main | 2027.56 | 6.97 | 90.29 | 284.35 | 2002.89 |
| TL012 | main | 2047.24 | 7.74 | 91.38 | 286.88 | 2022.41 |
| TL012 | main | 2066.93 | 8.40 | 90.45 | 289.63 | 2041.90 |
| TL012 | main | 2086.61 | 7.44 | 89.18 | 292.36 | 2061.42 |
| TL012 | main | 2106.30 | 7.08 | 90.03 | 294.85 | 2080.94 |
| TL012 | main | 2125.98 | 6.92 | 90.31 | 297.24 | 2100.46 |
| TL012 | main | 2145.67 | 7.70 | 90.76 | 299.74 | 2119.98 |
| TL012 | main | 2165.35 | 8.11 | 91.55 | 302.46 | 2139.50 |
| TL012 | main | 2185.04 | 9.13 | 91.28 | 305.41 | 2158.96 |
| TL012 | main | 2204.72 | 6.82 | 91.74 | 308.14 | 2178.44 |
| TL012 | main | 2224.41 | 6.15 | 91.53 | 310.37 | 2197.97 |
| TL012 | main | 2244.09 | 6.17 | 90.22 | 312.47 | 2217.55 |
| TL012 | main | 2263.78 | 8.88 | 90.42 | 315.06 | 2237.07 |
| TL012 | main | 2283.46 | 10.12 | 90.48 | 318.31 | 2256.46 |
| TL012 | main | 2303.15 | 8.32 | 90.52 | 321.46 | 2275.92 |
| TL012 | main | 2322.83 | 6.95 | 90.77 | 324.08 | 2295.41 |
| TL012 | main | 2342.52 | 5.73 | 89.98 | 326.25 | 2314.96 |
| TL012 | main | 2362.20 | 6.09 | 89.50 | 328.28 | 2334.55 |
| TL012 | main | 2381.89 | 6.24 | 90.06 | 330.38 | 2354.13 |
| TL012 | main | 2401.57 | 6.58 | 90.36 | 332.58 | 2373.69 |
| TL012 | main | 2421.26 | 7.86 | 90.50 | 335.04 | 2393.21 |
| TL012 | main | 2440.94 | 8.47 | 90.80 | 337.86 | 2412.70 |
| TL012 | main | 2460.63 | 7.83 | 91.00 | 340.65 | 2432.19 |
| TL012 | main | 2480.31 | 6.73 | 90.75 | 343.14 | 2451.71 |
| TL012 | main | 2500.00 | 7.06 | 89.97 | 345.51 | 2471.26 |
| TL012 | main | 2519.69 | 7.24 | 89.95 | 347.93 | 2490.78 |
| TL012 | main | 2539.37 | 6.99 | 90.20 | 350.39 | 2510.30 |
| TL012 | main | 2559.06 | 6.52 | 90.37 | 352.69 | 2529.86 |
| TL012 | main | 2578.74 | 6.13 | 90.79 | 354.86 | 2549.44 |
| TL012 | main | 2598.43 | 6.36 | 90.30 | 357.02 | 2569.00 |
| TL012 | main | 2618.11 | 7.33 | 90.07 | 359.35 | 2588.55 |
| TL012 | main | 2637.80 | 7.44 | 90.18 | 361.88 | 2608.07 |
| TL012 | main | 2657.48 | 7.12 | 90.76 | 364.37 | 2627.59 |
| TL012 | main | 2677.17 | 6.75 | 91.11 | 366.77 | 2647.11 |
| TL012 | main | 2696.85 | 8.07 | 90.83 | 369.29 | 2666.63 |
| TL012 | main | 2716.54 | 8.67 | 90.68 | 372.18 | 2686.12 |
| TL012 | main | 2736.22 | 8.45 | 91.14 | 375.10 | 2705.58 |

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|-------|------|---------|------|-------|--------|---------|
| TL012 | main | 2755.91 | 8.21 | 91.77 | 377.95 | 2725.07 |
| TL012 | main | 2775.59 | 8.18 | 92.24 | 380.74 | 2744.52 |
| TL012 | main | 2795.28 | 6.98 | 92.68 | 383.33 | 2764.01 |
| TL012 | main | 2814.96 | 6.67 | 92.45 | 385.66 | 2783.53 |
| TL012 | main | 2834.65 | 6.66 | 90.54 | 387.96 | 2803.08 |
| TL012 | main | 2854.33 | 6.72 | 88.84 | 390.26 | 2822.64 |
| TL012 | main | 2874.02 | 7.34 | 87.32 | 392.65 | 2842.16 |
| TL012 | main | 2893.70 | 8.43 | 88.43 | 395.37 | 2861.65 |
| TL012 | main | 2913.39 | 9.25 | 89.67 | 398.39 | 2881.10 |
| TL012 | main | 2933.07 | 8.10 | 90.36 | 401.35 | 2900.56 |
| TL012 | main | 2952.76 | 7.19 | 90.69 | 403.97 | 2920.08 |
| TL012 | main | 2972.44 | 6.30 | 89.85 | 406.30 | 2939.60 |
| TL012 | main | 2992.13 | 7.10 | 89.68 | 408.60 | 2959.15 |
| TL012 | main | 3011.81 | 7.50 | 90.00 | 411.09 | 2978.67 |
| TL012 | b5s | 3031.50 | 7.12 | 90.53 | 413.58 | 2998.23 |
| TL012 | b5 | 3051.18 | 7.04 | 91.13 | 416.01 | 3017.75 |
| TL012 | b5 | 3070.87 | 6.55 | 89.12 | 418.34 | 3037.30 |
| TL012 | b5 | 3090.55 | 6.74 | 89.42 | 420.64 | 3056.86 |
| TL012 | b5 | 3110.24 | 8.89 | 89.80 | 423.29 | 3076.35 |
| TL012 | b5 | 3129.92 | 9.24 | 90.59 | 426.41 | 3095.77 |
| TL012 | b5 | 3149.61 | 8.69 | 91.10 | 429.46 | 3115.22 |
| TL012 | b5 | 3169.29 | 7.55 | 91.23 | 432.25 | 3134.71 |
| TL012 | b5 | 3188.98 | 8.25 | 91.85 | 434.97 | 3154.20 |
| TL012 | b5 | 3208.66 | 7.72 | 90.76 | 437.70 | 3173.69 |
| TL012 | b5 | 3228.35 | 8.27 | 90.50 | 440.42 | 3193.18 |
| TL012 | b5 | 3248.03 | 8.32 | 90.96 | 443.27 | 3212.66 |
| TL012 | b5 | 3267.72 | 7.33 | 90.96 | 445.96 | 3232.15 |
| TL012 | b5 | 3287.40 | 6.44 | 91.09 | 448.33 | 3251.71 |
| TL012 | b5 | 3307.09 | 6.64 | 91.85 | 450.56 | 3271.26 |
| TL012 | b5 | 3326.77 | 7.02 | 90.85 | 452.89 | 3290.78 |
| TL012 | b5 | 3346.46 | 6.53 | 91.82 | 455.22 | 3310.33 |
| TL012 | b5 | 3366.14 | 7.35 | 90.45 | 457.58 | 3329.86 |
| TL012 | b5 | 3385.83 | 8.01 | 90.54 | 460.24 | 3349.38 |
| TL012 | b5 | 3405.51 | 7.88 | 90.34 | 462.96 | 3368.86 |
| TL012 | b5 | 3425.20 | 7.47 | 91.71 | 465.58 | 3388.39 |
| TL012 | b5 | 3444.88 | 6.81 | 91.70 | 468.01 | 3407.91 |
| TL012 | b5 | 3464.57 | 6.15 | 92.54 | 470.24 | 3427.43 |
| TL012 | b5 | 3484.25 | 6.84 | 90.35 | 472.47 | 3446.98 |
| TL012 | b5 | 3503.94 | 7.73 | 91.26 | 474.97 | 3466.50 |
| TL012 | b5 | 3523.62 | 7.54 | 90.84 | 477.59 | 3486.02 |
| TL012 | b5 | 3543.31 | 6.93 | 90.00 | 480.05 | 3505.54 |
| TL012 | b5 | 3562.99 | 7.73 | 89.93 | 482.58 | 3525.07 |
| TL012 | b5 | 3582.68 | 7.55 | 90.60 | 485.17 | 3544.59 |
| TL012 | b5 | 3602.36 | 7.71 | 90.70 | 487.80 | 3564.11 |
| TL012 | b5 | 3622.05 | 7.31 | 90.93 | 490.39 | 3583.60 |
| TL012 | b5 | 3641.73 | 7.31 | 90.83 | 492.88 | 3603.12 |
| TL012 | b5 | 3661.42 | 7.24 | 89.64 | 495.37 | 3622.67 |

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|-------|----|---------|------|-------|--------|---------|
| TL012 | b5 | 3681.10 | 8.60 | 90.88 | 498.10 | 3642.16 |
| TL012 | b5 | 3700.79 | 8.74 | 90.63 | 501.05 | 3661.61 |
| TL012 | b5 | 3720.47 | 8.80 | 91.05 | 504.04 | 3681.07 |
| TL012 | b5 | 3740.16 | 7.69 | 91.85 | 506.86 | 3700.52 |
| TL012 | b5 | 3759.84 | 7.69 | 90.57 | 509.51 | 3720.05 |
| TL012 | b5 | 3779.53 | 8.82 | 90.86 | 512.34 | 3739.53 |
| TL012 | b5 | 3799.21 | 9.37 | 92.15 | 515.45 | 3758.96 |
| TL012 | b5 | 3818.90 | 8.58 | 91.91 | 518.50 | 3778.38 |
| TL012 | b5 | 3838.58 | 7.94 | 91.45 | 521.33 | 3797.87 |
| TL012 | b5 | 3858.27 | 7.27 | 91.39 | 523.95 | 3817.36 |
| TL012 | b5 | 3877.95 | 6.15 | 91.09 | 526.25 | 3836.91 |
| TL012 | b5 | 3897.64 | 7.45 | 89.08 | 528.58 | 3856.46 |
| TL012 | b5 | 3917.32 | 7.73 | 90.10 | 531.17 | 3875.95 |
| TL012 | b5 | 3937.01 | 8.42 | 90.20 | 533.96 | 3895.44 |
| TL012 | b5 | 3956.69 | 8.65 | 90.52 | 536.88 | 3914.93 |
| TL012 | b5 | 3976.38 | 8.56 | 91.24 | 539.80 | 3934.38 |
| TL012 | b5 | 3996.06 | 7.56 | 90.49 | 542.55 | 3953.87 |
| TL012 | b5 | 4015.75 | 8.06 | 90.64 | 545.24 | 3973.36 |
| TL012 | b5 | 4035.43 | 7.30 | 89.55 | 547.87 | 3992.88 |
| TL012 | b5 | 4055.12 | 8.53 | 90.64 | 550.59 | 4012.37 |
| TL012 | b5 | 4074.80 | 7.62 | 90.01 | 553.35 | 4031.86 |
| TL012 | b5 | 4094.49 | 6.28 | 90.80 | 555.74 | 4051.41 |
| TL012 | b5 | 4114.17 | 5.29 | 90.76 | 557.71 | 4071.00 |
| TL012 | b5 | 4133.86 | 5.85 | 90.15 | 559.61 | 4090.58 |
| TL012 | b5 | 4153.54 | 5.64 | 90.33 | 561.58 | 4110.17 |
| TL012 | b5 | 4173.23 | 6.41 | 89.32 | 563.65 | 4129.72 |
| TL012 | b5 | 4192.91 | 6.55 | 90.03 | 565.88 | 4149.31 |
| TL012 | b5 | 4212.60 | 6.65 | 90.45 | 568.14 | 4168.86 |
| TL012 | b5 | 4232.28 | 7.91 | 90.30 | 570.64 | 4188.39 |
| TL012 | b5 | 4251.97 | 8.27 | 90.45 | 573.43 | 4207.87 |
| TL012 | b5 | 4271.65 | 7.59 | 90.84 | 576.12 | 4227.36 |
| TL012 | b5 | 4291.34 | 7.06 | 90.06 | 578.64 | 4246.88 |
| TL012 | b5 | 4311.02 | 6.77 | 90.78 | 581.00 | 4266.44 |
| TL012 | b5 | 4330.71 | 6.70 | 90.33 | 583.30 | 4285.99 |
| TL012 | b5 | 4350.39 | 6.39 | 90.87 | 585.56 | 4305.54 |
| TL012 | b5 | 4370.08 | 6.72 | 89.90 | 587.80 | 4325.10 |
| TL012 | b5 | 4389.76 | 6.99 | 89.08 | 590.16 | 4344.62 |
| TL012 | b5 | 4409.45 | 8.30 | 89.09 | 592.78 | 4364.14 |
| TL012 | b5 | 4429.13 | 8.60 | 90.63 | 595.67 | 4383.60 |
| TL012 | b5 | 4448.82 | 9.26 | 91.85 | 598.72 | 4403.05 |
| TL012 | b5 | 4468.50 | 8.69 | 91.09 | 601.77 | 4422.47 |
| TL012 | b5 | 4488.19 | 7.45 | 90.06 | 604.56 | 4441.96 |
| TL012 | b5 | 4507.87 | 7.82 | 90.14 | 607.15 | 4461.48 |
| TL012 | b5 | 4527.56 | 8.38 | 90.92 | 609.94 | 4480.97 |
| TL012 | b5 | 4547.24 | 8.02 | 90.32 | 612.73 | 4500.46 |
| TL012 | b5 | 4566.93 | 7.08 | 91.03 | 615.32 | 4519.98 |
| TL012 | b5 | 4586.61 | 6.10 | 89.89 | 617.59 | 4539.53 |

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|-------|----|---------|------|-------|--------|---------|
| TL012 | b5 | 4606.30 | 5.71 | 90.42 | 619.62 | 4559.09 |
| TL012 | b5 | 4625.98 | 6.62 | 90.18 | 621.72 | 4578.67 |
| TL012 | b5 | 4645.67 | 7.65 | 90.50 | 624.18 | 4598.20 |
| TL012 | b5 | 4665.35 | 7.50 | 91.93 | 626.77 | 4617.72 |
| TL012 | b5 | 4685.04 | 6.30 | 91.04 | 629.13 | 4637.24 |
| TL012 | b5 | 4704.72 | 7.23 | 90.69 | 631.46 | 4656.79 |
| TL012 | b5 | 4724.41 | 6.84 | 90.26 | 633.86 | 4676.35 |
| TL012 | b5 | 4744.09 | 5.71 | 91.45 | 636.02 | 4695.90 |
| TL012 | b5 | 4763.78 | 5.99 | 90.45 | 638.02 | 4715.49 |
| TL012 | b5 | 4783.46 | 5.88 | 89.83 | 640.06 | 4735.04 |
| TL012 | b5 | 4803.15 | 7.34 | 89.64 | 642.32 | 4754.59 |
| TL012 | b5 | 4822.83 | 7.38 | 90.63 | 644.85 | 4774.11 |
| TL012 | b5 | 4842.52 | 7.98 | 89.83 | 647.47 | 4793.64 |
| TL012 | b5 | 4862.20 | 7.27 | 91.16 | 650.10 | 4813.16 |
| TL012 | b5 | 4881.89 | 6.38 | 90.71 | 652.43 | 4832.68 |
| TL012 | b5 | 4901.57 | 5.99 | 91.20 | 654.56 | 4852.26 |
| TL012 | b5 | 4921.26 | 7.29 | 89.80 | 656.82 | 4871.82 |
| TL012 | b5 | 4940.94 | 8.51 | 90.26 | 659.51 | 4891.31 |
| TL012 | b5 | 4960.63 | 8.09 | 89.64 | 662.37 | 4910.79 |
| TL012 | b5 | 4980.31 | 8.71 | 90.36 | 665.26 | 4930.25 |
| TL012 | b5 | 5000.00 | 7.92 | 91.55 | 668.08 | 4949.74 |
| TL012 | b5 | 5019.69 | 7.17 | 91.50 | 670.67 | 4969.23 |
| TL012 | b5 | 5039.37 | 7.86 | 90.85 | 673.26 | 4988.75 |
| TL012 | b5 | 5059.06 | 8.00 | 91.64 | 675.95 | 5008.23 |
| TL012 | b5 | 5078.74 | 7.50 | 91.27 | 678.61 | 5027.76 |
| TL012 | b5 | 5098.43 | 6.29 | 91.62 | 680.97 | 5047.28 |
| TL012 | b5 | 5118.11 | 6.00 | 89.69 | 683.07 | 5066.86 |
| TL012 | b5 | 5137.80 | 7.00 | 89.26 | 685.30 | 5086.42 |
| TL012 | b5 | 5157.48 | 7.05 | 89.35 | 687.73 | 5105.94 |
| TL012 | b5 | 5177.17 | 7.43 | 90.53 | 690.19 | 5125.46 |
| TL012 | b5 | 5196.85 | 8.20 | 89.72 | 692.88 | 5144.98 |
| TL012 | b5 | 5216.54 | 8.45 | 90.55 | 695.73 | 5164.44 |
| TL012 | b5 | 5236.22 | 8.29 | 91.50 | 698.59 | 5183.92 |
| TL012 | b5 | 5255.91 | 7.04 | 90.35 | 701.21 | 5203.41 |
| TL012 | b5 | 5275.59 | 6.40 | 88.95 | 703.51 | 5222.97 |
| TL012 | b5 | 5295.28 | 6.16 | 89.17 | 705.68 | 5242.55 |
| TL012 | b5 | 5314.96 | 8.02 | 89.54 | 708.10 | 5262.07 |
| TL012 | b5 | 5334.65 | 8.29 | 90.94 | 710.89 | 5281.56 |
| TL012 | b5 | 5354.33 | 7.96 | 90.26 | 713.68 | 5301.05 |
| TL012 | b5 | 5374.02 | 8.22 | 90.01 | 716.44 | 5320.54 |
| TL012 | b5 | 5393.70 | 6.49 | 89.08 | 718.96 | 5340.06 |
| TL012 | b5 | 5413.39 | 7.28 | 89.06 | 721.33 | 5359.58 |
| TL012 | b5 | 5433.07 | 8.07 | 90.76 | 723.95 | 5379.10 |
| TL012 | b5 | 5452.76 | 7.56 | 91.68 | 726.64 | 5398.59 |
| TL012 | b5 | 5472.44 | 7.34 | 91.50 | 729.17 | 5418.11 |
| TL012 | b5 | 5492.13 | 6.34 | 91.64 | 731.53 | 5437.66 |
| TL012 | b5 | 5511.81 | 7.40 | 91.23 | 733.89 | 5457.19 |

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|-------|------|---------|-------|-------|--------|---------|
| TL012 | b5 | 5531.50 | 7.62 | 93.04 | 736.45 | 5476.67 |
| TL012 | b5e | 5542.98 | 7.62 | 93.04 | 737.96 | 5488.06 |
| TL012 | main | 3031.50 | 8.46 | 88.27 | 413.81 | 2998.20 |
| TL012 | main | 3051.18 | 9.42 | 89.32 | 416.86 | 3017.62 |
| TL012 | main | 3070.87 | 8.75 | 91.05 | 419.98 | 3037.07 |
| TL012 | main | 3090.55 | 8.36 | 91.16 | 422.90 | 3056.53 |
| TL012 | main | 3110.24 | 9.15 | 89.66 | 425.92 | 3075.98 |
| TL012 | main | 3129.92 | 10.22 | 89.10 | 429.23 | 3095.37 |
| TL012 | main | 3149.61 | 10.60 | 89.99 | 432.78 | 3114.73 |
| TL012 | main | 3169.29 | 10.25 | 89.31 | 436.35 | 3134.09 |
| TL012 | main | 3188.98 | 10.96 | 88.85 | 439.96 | 3153.44 |
| TL012 | main | 3208.66 | 9.73 | 90.42 | 443.50 | 3172.80 |
| TL012 | main | 3228.35 | 8.71 | 90.88 | 446.65 | 3192.22 |
| TL012 | main | 3248.03 | 7.51 | 92.03 | 449.44 | 3211.71 |
| TL012 | main | 3267.72 | 7.10 | 91.08 | 451.94 | 3231.23 |
| TL012 | main | 3287.40 | 5.97 | 89.83 | 454.17 | 3250.79 |
| TL012 | main | 3307.09 | 7.04 | 90.15 | 456.40 | 3270.34 |
| TL012 | main | 3326.77 | 6.94 | 90.61 | 458.79 | 3289.90 |
| TL012 | main | 3346.46 | 6.40 | 92.10 | 461.09 | 3309.45 |
| TL012 | main | 3366.14 | 7.58 | 91.18 | 463.48 | 3328.97 |
| TL012 | main | 3385.83 | 6.83 | 90.97 | 465.94 | 3348.49 |
| TL012 | main | 3405.51 | 6.07 | 90.61 | 468.14 | 3368.04 |
| TL012 | main | 3425.20 | 6.84 | 89.89 | 470.37 | 3387.60 |
| TL012 | main | 3444.88 | 8.04 | 89.29 | 472.93 | 3407.12 |
| TL012 | main | 3464.57 | 7.62 | 90.48 | 475.59 | 3426.64 |
| TL012 | main | 3484.25 | 6.93 | 91.16 | 478.08 | 3446.16 |
| TL012 | main | 3503.94 | 7.27 | 91.23 | 480.51 | 3465.68 |
| TL012 | main | 3523.62 | 7.21 | 89.72 | 483.01 | 3485.20 |
| TL012 | main | 3543.31 | 6.57 | 90.23 | 485.37 | 3504.76 |
| TL012 | main | 3562.99 | 7.81 | 90.09 | 487.83 | 3524.28 |
| TL012 | main | 3582.68 | 8.06 | 90.04 | 490.55 | 3543.77 |
| TL012 | main | 3602.36 | 7.94 | 90.69 | 493.27 | 3563.25 |
| TL012 | main | 3622.05 | 7.28 | 90.64 | 495.90 | 3582.78 |
| TL012 | main | 3641.73 | 8.31 | 90.64 | 498.56 | 3602.30 |
| TL012 | main | 3661.42 | 7.50 | 90.42 | 501.28 | 3621.78 |
| TL012 | main | 3681.10 | 7.00 | 89.56 | 503.77 | 3641.31 |
| TL012 | main | 3700.79 | 7.84 | 90.48 | 506.30 | 3660.83 |
| TL012 | main | 3720.47 | 7.87 | 90.59 | 508.99 | 3680.31 |
| TL012 | main | 3740.16 | 8.02 | 90.87 | 511.71 | 3699.84 |
| TL012 | main | 3759.84 | 8.00 | 89.76 | 514.47 | 3719.32 |
| TL012 | main | 3779.53 | 7.03 | 89.70 | 517.03 | 3738.81 |
| TL012 | main | 3799.21 | 8.61 | 89.24 | 519.72 | 3758.33 |
| TL012 | main | 3818.90 | 7.20 | 90.08 | 522.41 | 3777.82 |
| TL012 | main | 3838.58 | 6.53 | 89.44 | 524.77 | 3797.38 |
| TL012 | main | 3858.27 | 8.23 | 88.42 | 527.30 | 3816.90 |
| TL012 | main | 3877.95 | 9.07 | 89.28 | 530.25 | 3836.35 |
| TL012 | main | 3897.64 | 9.50 | 89.80 | 533.43 | 3855.77 |

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| TL012 | main | 3917.32 | 8.02 | 90.53 | 536.42 | 3875.23 |
| TL012 | main | 3937.01 | 7.31 | 90.18 | 539.04 | 3894.72 |
| TL012 | main | 3956.69 | 7.44 | 91.86 | 541.57 | 3914.24 |
| TL012 | main | 3976.38 | 6.47 | 90.07 | 543.96 | 3933.79 |
| TL012 | main | 3996.06 | 7.11 | 90.23 | 546.29 | 3953.35 |
| TL012 | main | 4015.75 | 5.65 | 91.53 | 548.49 | 3972.90 |
| TL012 | main | 4035.43 | 6.76 | 89.75 | 550.59 | 3992.45 |
| TL012 | main | 4055.12 | 6.36 | 90.85 | 552.85 | 4012.01 |
| TL012 | main | 4074.80 | 5.61 | 90.21 | 554.89 | 4031.59 |
| TL012 | main | 4094.49 | 5.93 | 89.79 | 556.89 | 4051.18 |
| TL012 | main | 4114.17 | 6.57 | 89.82 | 559.02 | 4070.73 |
| TL012 | main | 4133.86 | 8.50 | 89.94 | 561.61 | 4090.26 |
| TL012 | main | 4153.54 | 7.96 | 91.08 | 564.44 | 4109.74 |
| TL012 | main | 4173.23 | 8.21 | 90.48 | 567.19 | 4129.23 |
| TL012 | main | 4192.91 | 7.17 | 91.06 | 569.82 | 4148.72 |
| TL012 | main | 4212.60 | 6.68 | 91.16 | 572.18 | 4168.27 |
| TL012 | main | 4232.28 | 6.48 | 91.40 | 574.44 | 4187.83 |
| TL012 | main | 4251.97 | 7.61 | 90.22 | 576.87 | 4207.35 |
| TL012 | main | 4271.65 | 6.82 | 90.75 | 579.33 | 4226.90 |
| TL012 | main | 4291.34 | 7.33 | 89.48 | 581.76 | 4246.42 |
| TL012 | main | 4311.02 | 7.83 | 89.83 | 584.35 | 4265.94 |
| TL012 | main | 4330.71 | 7.60 | 90.43 | 587.01 | 4285.43 |
| TL012 | main | 4350.39 | 8.56 | 90.61 | 589.76 | 4304.92 |
| TL012 | main | 4370.08 | 7.70 | 90.28 | 592.55 | 4324.41 |
| TL012 | main | 4389.76 | 7.31 | 90.25 | 595.11 | 4343.93 |
| TL012 | main | 4409.45 | 6.92 | 89.44 | 597.57 | 4363.45 |
| TL012 | main | 4429.13 | 7.19 | 89.25 | 599.97 | 4383.01 |
| TL012 | main | 4448.82 | 7.18 | 89.55 | 602.43 | 4402.53 |
| TL012 | main | 4468.50 | 6.69 | 88.96 | 604.82 | 4422.08 |
| TL012 | main | 4488.19 | 6.98 | 88.62 | 607.15 | 4441.60 |
| TL012 | main | 4507.87 | 8.11 | 89.61 | 609.74 | 4461.12 |
| TL012 | main | 4527.56 | 8.63 | 89.15 | 612.60 | 4480.61 |
| TL012 | main | 4547.24 | 8.98 | 90.78 | 615.62 | 4500.03 |
| TL012 | main | 4566.93 | 7.68 | 92.12 | 618.47 | 4519.52 |
| TL012 | main | 4586.61 | 7.48 | 90.30 | 621.06 | 4539.04 |
| TL012 | main | 4606.30 | 8.15 | 89.94 | 623.75 | 4558.53 |
| TL012 | main | 4625.98 | 7.29 | 91.06 | 626.38 | 4578.02 |
| TL012 | main | 4645.67 | 5.84 | 90.87 | 628.64 | 4597.57 |
| TL012 | main | 4665.35 | 5.81 | 90.48 | 630.64 | 4617.16 |
| TL012 | main | 4685.04 | 6.28 | 89.84 | 632.71 | 4636.75 |
| TL012 | main | 4704.72 | 6.72 | 90.17 | 634.94 | 4656.30 |
| TL012 | main | 4724.41 | 6.82 | 90.94 | 637.27 | 4675.85 |
| TL012 | main | 4744.09 | 6.61 | 90.99 | 639.57 | 4695.41 |
| TL012 | main | 4763.78 | 6.32 | 90.88 | 641.77 | 4714.96 |
| TL012 | main | 4783.46 | 6.26 | 90.30 | 643.93 | 4734.51 |
| TL012 | main | 4803.15 | 6.60 | 89.41 | 646.13 | 4754.07 |
| TL012 | main | 4822.83 | 7.54 | 89.28 | 648.56 | 4773.62 |

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|-------|------|---------|------|-------|--------|---------|
| TL012 | main | 4842.52 | 8.62 | 90.10 | 651.35 | 4793.11 |
| TL012 | main | 4862.20 | 9.62 | 90.66 | 654.46 | 4812.53 |
| TL012 | main | 4881.89 | 9.12 | 91.72 | 657.64 | 4831.96 |
| TL012 | main | 4901.57 | 8.11 | 91.02 | 660.60 | 4851.41 |
| TL012 | main | 4921.26 | 8.83 | 90.49 | 663.52 | 4870.87 |
| TL012 | main | 4940.94 | 9.92 | 88.64 | 666.70 | 4890.29 |
| TL012 | main | 4960.63 | 9.54 | 90.14 | 670.05 | 4909.71 |
| TL012 | main | 4980.31 | 7.57 | 90.60 | 672.97 | 4929.17 |
| TL012 | main | 5000.00 | 7.05 | 89.59 | 675.46 | 4948.69 |
| TL012 | main | 5019.69 | 6.03 | 90.05 | 677.72 | 4968.24 |
| TL012 | main | 5039.37 | 6.30 | 90.58 | 679.82 | 4987.83 |

True Vertical Depth (ft)

- 0.00
- 7.25
- 10.96
- 14.44
- 18.04
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- 31.27
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-76.05

TL012 LL01
TD: 6,023ft
Completed

TL012 LL02
TD: 5,531 ft
Completed

TL012
TD: 5,531.5 ft
Completed

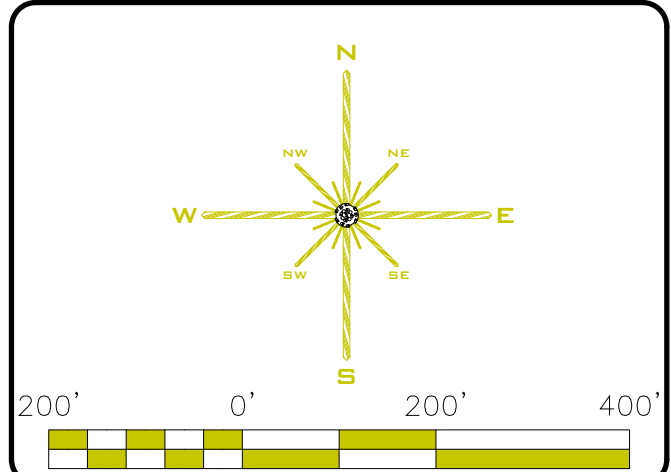
TL012
LL02_BL01
MD: 5,049 ft

WILSON COUNTY HOLDINGS LLC
FREDONIA FACILITY
TL012
PLAN

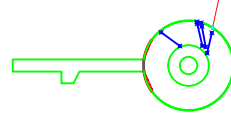
| | |
|-------------------------|-----|
| USGS MAG DEC | *** |
| SURVEY TOOL CALIBRATION | *** |

PLOT
FINALIZATION
CHECK

| | |
|---------------------|----------|
| PROJECT MANAGER: | INITIALS |
| CHECKED BY: | INITIALS |



| | |
|---------------------|-----------------------|
| JOB NUMBER: 4009755 | |
| DRAWN BY: FPS | DATE DRAWN: 3/24/2015 |
| REVISION: A | REV DATE: 6/30/2015 |
| SCALE: 1"=200' | |



DIRE DRILLING, INC CURRENT PROJECTS STRANDED OIL BOREHOLE PLAN STRANDED OIL FREDONIA PROJECT DWG: 6/29/2015