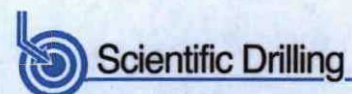


District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462



## Survey Report - Geographic



|           |                    |                              |                                              |
|-----------|--------------------|------------------------------|----------------------------------------------|
| Company:  | WPX Energy         | Local Co-ordinate Reference: | Well NE Chaco Com #254H - Slot A2            |
| Project:  | T23N R6W           | TVD Reference:               | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Site:     | Chaco 2306-05L     | MD Reference:                | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Well:     | NE Chaco Com #254H | North Reference:             | True                                         |
| Wellbore: | ST1                | Survey Calculation Method:   | Minimum Curvature                            |
| Design:   | ST1                | Database:                    | Grand Junction District                      |

**CONFIDENTIAL****OIL CONS. DIV DIST. 3**

|             |                                      |               |                |             |
|-------------|--------------------------------------|---------------|----------------|-------------|
| Project     | T23N R6W                             | System Datum: | Mean Sea Level | JUN 25 2015 |
| Map System: | US State Plane 1927 (Exact solution) |               |                |             |
| Geo Datum:  | NAD 1927 (NADCON CONUS)              |               |                |             |
| Map Zone:   | New Mexico West 3003                 |               |                |             |

|                       |           |                |                   |                   |              |
|-----------------------|-----------|----------------|-------------------|-------------------|--------------|
| Site                  |           | Chaco 2306-05L |                   |                   |              |
| Site Position:        |           | Northing:      | 1,910,443.81 usft | Latitude:         | 36.2500900   |
| From:                 | Lat/Long  | Easting:       | 598,309.66 usft   | Longitude:        | -107.4999200 |
| Position Uncertainty: | 0.00 usft | Slot Radius:   | 13.20 in          | Grid Convergence: | 0.20 °       |

|                      |                              |           |                     |                   |               |               |
|----------------------|------------------------------|-----------|---------------------|-------------------|---------------|---------------|
| Well                 | NE Chaco Com #254H - Slot A2 |           |                     |                   |               |               |
| Well Position        | +N/-S                        | 0.00 usft | Northing:           | 1,910,425.58 usft | Latitude:     | 36.2500400    |
|                      | +E/-W                        | 0.00 usft | Easting:            | 598,300.88 usft   | Longitude:    | -107.4999500  |
| Position Uncertainty |                              | 0.00 usft | Wellhead Elevation: | 0.00 usft         | Ground Level: | 6,830.00 usft |

|           |            |             |                    |                  |                        |
|-----------|------------|-------------|--------------------|------------------|------------------------|
| Wellbore  | ST1        |             |                    |                  |                        |
| Magnetics | Model Name | Sample Date | Declination<br>(°) | Dip Angle<br>(°) | Field Strength<br>(nT) |
|           | HDGM       | 5/4/2015    | 9.05               | 62.95            | 49,849                 |

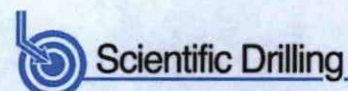
|                   |                            |                 |                 |                  |        |
|-------------------|----------------------------|-----------------|-----------------|------------------|--------|
| Design            | ST1                        |                 |                 |                  |        |
| Audit Notes:      |                            |                 |                 |                  |        |
| Version:          | 1.0                        | Phase:          | ACTUAL          | Tie On Depth:    | 353.00 |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°) |        |
|                   | 0.00                       | 0.00            | 0.00            | 286.09           |        |

| Survey Program |              | Date                                 | 5/18/2015 |                              |  |
|----------------|--------------|--------------------------------------|-----------|------------------------------|--|
| From<br>(usft) | To<br>(usft) | Survey (Wellbore)                    | Tool Name | Description                  |  |
| 64.00          | 353.00       | Survey #1 (Wellbore #1)              | GYRO-NS   | Gyrocompass Gyro             |  |
| 457.00         | 4,822.00     | Survey #1 - Surface MWD Survey (ST1) | SDI MWD   | SDI MWD - Standard ver 1.0.1 |  |
| 4,854.00       | 5,953.00     | Survey #2 - Curve MWD Survey (ST1)   | SDI MWD   | SDI MWD - Standard ver 1.0.1 |  |
| 6,040.00       | 11,587.00    | Survey #3 - Lateral MWD Survey (ST1) | SDI MWD   | SDI MWD - Standard ver 1.0.1 |  |

| Survey                      |                    |                |                             |                 |                 |                           |                          |            |              |
|-----------------------------|--------------------|----------------|-----------------------------|-----------------|-----------------|---------------------------|--------------------------|------------|--------------|
| Measured<br>Depth<br>(usft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Map<br>Northing<br>(usft) | Map<br>Easting<br>(usft) | Latitude   | Longitude    |
| 0.00                        | 0.00               | 0.00           | 0.00                        | 0.00            | 0.00            | 1,910,425.58              | 598,300.88               | 36.2500400 | -107.4999500 |
| 64.00                       | 1.39               | 284.89         | 63.99                       | 0.20            | -0.75           | 1,910,425.77              | 598,300.13               | 36.2500405 | -107.4999526 |
| 114.00                      | 1.38               | 292.66         | 113.98                      | 0.59            | -1.89           | 1,910,426.16              | 598,298.98               | 36.2500416 | -107.4999565 |
| 164.00                      | 1.43               | 288.52         | 163.96                      | 1.02            | -3.04           | 1,910,426.58              | 598,297.83               | 36.2500428 | -107.4999604 |
| 214.00                      | 1.26               | 283.33         | 213.95                      | 1.34            | -4.17           | 1,910,426.91              | 598,296.71               | 36.2500437 | -107.4999642 |
| 264.00                      | 0.88               | 286.81         | 263.94                      | 1.58            | -5.07           | 1,910,427.14              | 598,295.80               | 36.2500443 | -107.4999672 |
| 314.00                      | 0.69               | 281.85         | 313.94                      | 1.75            | -5.73           | 1,910,427.31              | 598,295.14               | 36.2500448 | -107.4999695 |
| 353.00                      | 1.10               | 274.07         | 352.93                      | 1.83            | -6.33           | 1,910,427.38              | 598,294.54               | 36.2500450 | -107.4999715 |



## Survey Report - Geographic



|           |                    |                              |                                              |
|-----------|--------------------|------------------------------|----------------------------------------------|
| Company:  | WPX Energy         | Local Co-ordinate Reference: | Well NE Chaco Com #254H - Slot A2            |
| Project:  | T23N R6W           | TVD Reference:               | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Site:     | Chaco 2306-05L     | MD Reference:                | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Well:     | NE Chaco Com #254H | North Reference:             | True                                         |
| Wellbore: | ST1                | Survey Calculation Method:   | Minimum Curvature                            |
| Design:   | ST1                | Database:                    | Grand Junction District                      |

## Survey

| Measured Depth (usft)        | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude   | Longitude    |
|------------------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------|--------------|
| 457.00                       | 0.97            | 183.34      | 456.92                | 1.02         | -7.38        | 1,910,426.57        | 598,293.49         | 36.2500428 | -107.4999751 |
| First SDI Surface MWD Survey |                 |             |                       |              |              |                     |                    |            |              |
| 518.00                       | 2.11            | 149.59      | 517.90                | -0.46        | -6.84        | 1,910,425.09        | 598,294.04         | 36.2500387 | -107.4999732 |
| 579.00                       | 3.26            | 145.81      | 578.83                | -2.87        | -5.30        | 1,910,422.69        | 598,295.59         | 36.2500321 | -107.4999680 |
| 640.00                       | 5.10            | 144.58      | 639.67                | -6.51        | -2.75        | 1,910,419.06        | 598,298.15         | 36.2500221 | -107.4999594 |
| 700.00                       | 7.04            | 148.27      | 699.33                | -11.81       | 0.73         | 1,910,413.77        | 598,301.64         | 36.2500075 | -107.4999476 |
| 761.00                       | 8.18            | 152.93      | 759.79                | -18.86       | 4.67         | 1,910,406.74        | 598,305.61         | 36.2499882 | -107.4999342 |
| 822.00                       | 8.18            | 154.42      | 820.17                | -26.64       | 8.52         | 1,910,398.97        | 598,309.49         | 36.2499668 | -107.4999212 |
| 883.00                       | 8.62            | 153.81      | 880.51                | -34.65       | 12.41        | 1,910,390.97        | 598,313.40         | 36.2499448 | -107.4999080 |
| 936.00                       | 7.98            | 156.60      | 932.96                | -41.59       | 15.62        | 1,910,384.04        | 598,316.64         | 36.2499257 | -107.4998971 |
| 997.00                       | 7.63            | 160.21      | 993.39                | -49.29       | 18.67        | 1,910,376.35        | 598,319.72         | 36.2499046 | -107.4998867 |
| 1,057.00                     | 7.02            | 172.53      | 1,052.91              | -56.67       | 20.50        | 1,910,368.98        | 598,321.57         | 36.2498843 | -107.4998805 |
| 1,119.00                     | 7.06            | 175.74      | 1,114.44              | -64.23       | 21.28        | 1,910,361.42        | 598,322.37         | 36.2498635 | -107.4998779 |
| 1,180.00                     | 7.16            | 175.40      | 1,174.97              | -71.76       | 21.86        | 1,910,353.90        | 598,322.98         | 36.2498429 | -107.4998759 |
| 1,241.00                     | 7.50            | 176.59      | 1,235.47              | -79.52       | 22.40        | 1,910,346.14        | 598,323.55         | 36.2498215 | -107.4998741 |
| 1,301.00                     | 7.87            | 176.08      | 1,294.93              | -87.53       | 22.91        | 1,910,338.13        | 598,324.09         | 36.2497995 | -107.4998723 |
| 1,362.00                     | 7.83            | 173.37      | 1,355.36              | -95.82       | 23.68        | 1,910,329.84        | 598,324.89         | 36.2497767 | -107.4998697 |
| 1,423.00                     | 7.85            | 174.27      | 1,415.79              | -104.09      | 24.58        | 1,910,321.57        | 598,325.81         | 36.2497540 | -107.4998667 |
| 1,484.00                     | 8.37            | 171.15      | 1,476.18              | -112.63      | 25.67        | 1,910,313.04        | 598,326.94         | 36.2497306 | -107.4998630 |
| 1,545.00                     | 8.54            | 170.77      | 1,536.52              | -121.48      | 27.08        | 1,910,304.19        | 598,328.38         | 36.2497062 | -107.4998582 |
| 1,607.00                     | 8.68            | 173.77      | 1,597.82              | -130.68      | 28.33        | 1,910,295.00        | 598,329.66         | 36.2496810 | -107.4998540 |
| 1,667.00                     | 8.93            | 173.95      | 1,657.11              | -139.81      | 29.31        | 1,910,285.87        | 598,330.67         | 36.2496559 | -107.4998506 |
| 1,726.00                     | 9.18            | 168.13      | 1,715.38              | -148.97      | 30.76        | 1,910,276.72        | 598,332.15         | 36.2496307 | -107.4998457 |
| 1,787.00                     | 8.82            | 171.80      | 1,775.63              | -158.36      | 32.43        | 1,910,267.33        | 598,333.85         | 36.2496049 | -107.4998401 |
| 1,847.00                     | 8.23            | 173.10      | 1,834.97              | -167.18      | 33.60        | 1,910,258.52        | 598,335.05         | 36.2495807 | -107.4998361 |
| 1,907.00                     | 8.21            | 174.34      | 1,894.35              | -175.70      | 34.54        | 1,910,250.00        | 598,336.02         | 36.2495573 | -107.4998329 |
| 1,970.00                     | 8.30            | 172.12      | 1,956.70              | -184.68      | 35.61        | 1,910,241.02        | 598,337.12         | 36.2495326 | -107.4998293 |
| 2,033.00                     | 8.49            | 170.31      | 2,019.02              | -193.77      | 37.01        | 1,910,231.94        | 598,338.56         | 36.2495077 | -107.4998245 |
| 2,097.00                     | 9.01            | 177.74      | 2,082.28              | -203.44      | 38.01        | 1,910,222.27        | 598,339.58         | 36.2494811 | -107.4998211 |
| 2,160.00                     | 9.18            | 176.66      | 2,144.49              | -213.38      | 38.49        | 1,910,212.33        | 598,340.11         | 36.2494538 | -107.4998195 |
| 2,223.00                     | 9.23            | 174.30      | 2,206.68              | -223.43      | 39.29        | 1,910,202.29        | 598,340.93         | 36.2494262 | -107.4998168 |
| 2,286.00                     | 8.53            | 175.60      | 2,268.92              | -233.11      | 40.15        | 1,910,192.60        | 598,341.83         | 36.2493996 | -107.4998139 |
| 2,350.00                     | 7.94            | 170.85      | 2,332.26              | -242.21      | 41.22        | 1,910,183.51        | 598,342.93         | 36.2493746 | -107.4998103 |
| 2,413.00                     | 7.58            | 169.71      | 2,394.68              | -250.59      | 42.65        | 1,910,175.13        | 598,344.39         | 36.2493516 | -107.4998054 |
| 2,476.00                     | 7.72            | 170.65      | 2,457.12              | -258.86      | 44.08        | 1,910,166.87        | 598,345.85         | 36.2493289 | -107.4998005 |
| 2,540.00                     | 7.76            | 172.16      | 2,520.54              | -267.38      | 45.37        | 1,910,158.36        | 598,347.17         | 36.2493055 | -107.4997962 |
| 2,602.00                     | 7.72            | 167.21      | 2,581.98              | -275.59      | 46.86        | 1,910,150.15        | 598,348.69         | 36.2492829 | -107.4997911 |
| 2,666.00                     | 7.58            | 170.02      | 2,645.41              | -283.94      | 48.54        | 1,910,141.81        | 598,350.40         | 36.2492600 | -107.4997854 |
| 2,729.00                     | 7.57            | 170.31      | 2,707.86              | -292.12      | 49.96        | 1,910,133.63        | 598,351.84         | 36.2492375 | -107.4997806 |
| 2,793.00                     | 7.95            | 166.55      | 2,771.27              | -300.58      | 51.70        | 1,910,125.18        | 598,353.61         | 36.2492142 | -107.4997747 |
| 2,856.00                     | 7.49            | 166.30      | 2,833.70              | -308.81      | 53.69        | 1,910,116.96        | 598,355.63         | 36.2491917 | -107.4997680 |
| 2,919.00                     | 7.89            | 167.03      | 2,896.13              | -317.01      | 55.63        | 1,910,108.76        | 598,357.60         | 36.2491691 | -107.4997614 |
| 2,983.00                     | 7.45            | 171.39      | 2,959.56              | -325.39      | 57.24        | 1,910,100.38        | 598,359.23         | 36.2491461 | -107.4997559 |
| 3,046.00                     | 7.32            | 169.35      | 3,022.04              | -333.37      | 58.59        | 1,910,092.41        | 598,360.61         | 36.2491242 | -107.4997513 |
| 3,110.00                     | 7.95            | 170.21      | 3,085.47              | -341.74      | 60.10        | 1,910,084.04        | 598,362.15         | 36.2491012 | -107.4997462 |
| 3,173.00                     | 7.71            | 170.78      | 3,147.88              | -350.21      | 61.51        | 1,910,075.58        | 598,363.60         | 36.2490779 | -107.4997414 |
| 3,237.00                     | 8.08            | 168.21      | 3,211.28              | -358.85      | 63.12        | 1,910,066.95        | 598,365.23         | 36.2490542 | -107.4997360 |
| 3,300.00                     | 8.02            | 167.73      | 3,273.66              | -367.48      | 64.96        | 1,910,058.33        | 598,367.10         | 36.2490305 | -107.4997297 |
| 3,363.00                     | 7.55            | 165.26      | 3,336.08              | -375.77      | 66.95        | 1,910,050.04        | 598,369.12         | 36.2490077 | -107.4997230 |
| 3,427.00                     | 7.89            | 168.66      | 3,399.50              | -384.15      | 68.88        | 1,910,041.67        | 598,371.08         | 36.2489847 | -107.4997164 |
| 3,490.00                     | 8.17            | 172.45      | 3,461.88              | -392.82      | 70.32        | 1,910,033.00        | 598,372.55         | 36.2489608 | -107.4997116 |
| 3,554.00                     | 8.02            | 174.76      | 3,525.24              | -401.78      | 71.32        | 1,910,024.05        | 598,373.58         | 36.2489362 | -107.4997082 |
| 3,617.00                     | 7.37            | 172.59      | 3,587.67              | -410.16      | 72.25        | 1,910,015.67        | 598,374.54         | 36.2489132 | -107.4997050 |
| 3,681.00                     | 7.99            | 171.85      | 3,651.10              | -418.64      | 73.41        | 1,910,007.20        | 598,375.72         | 36.2488899 | -107.4997011 |
| 3,745.00                     | 8.50            | 171.96      | 3,714.44              | -427.72      | 74.70        | 1,909,998.11        | 598,377.05         | 36.2488650 | -107.4996967 |

|           |                    |                              |                                              |
|-----------|--------------------|------------------------------|----------------------------------------------|
| Company:  | WPX Energy         | Local Co-ordinate Reference: | Well NE Chaco Com #254H - Slot A2            |
| Project:  | T23N R6W           | TVD Reference:               | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Site:     | Chaco 2306-05L     | MD Reference:                | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Well:     | NE Chaco Com #254H | North Reference:             | True                                         |
| Wellbore: | ST1                | Survey Calculation Method:   | Minimum Curvature                            |
| Design:   | ST1                | Database:                    | Grand Junction District                      |

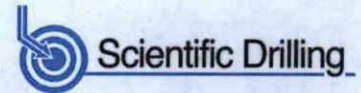
| Survey                      |                 |             |                       |              |              |                     |                    |            |              |  |
|-----------------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------|--------------|--|
| Measured Depth (usft)       | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude   | Longitude    |  |
| 3,808.00                    | 8.44            | 175.96      | 3,776.75              | -436.94      | 75.68        | 1,909,988.90        | 598,378.06         | 36.2488396 | -107.4996934 |  |
| 3,871.00                    | 7.97            | 170.41      | 3,839.11              | -445.86      | 76.73        | 1,909,979.98        | 598,379.14         | 36.2488151 | -107.4996898 |  |
| 3,934.00                    | 8.13            | 170.19      | 3,901.49              | -454.56      | 78.22        | 1,909,971.29        | 598,380.66         | 36.2487912 | -107.4996848 |  |
| 3,997.00                    | 8.32            | 173.69      | 3,963.84              | -463.48      | 79.48        | 1,909,962.37        | 598,381.95         | 36.2487667 | -107.4996805 |  |
| 4,061.00                    | 8.46            | 169.96      | 4,027.15              | -472.72      | 80.81        | 1,909,953.14        | 598,383.31         | 36.2487414 | -107.4996760 |  |
| 4,125.00                    | 8.41            | 169.86      | 4,090.46              | -481.96      | 82.45        | 1,909,943.90        | 598,384.99         | 36.2487160 | -107.4996704 |  |
| 4,188.00                    | 7.73            | 174.13      | 4,152.84              | -490.71      | 83.70        | 1,909,935.16        | 598,386.26         | 36.2486919 | -107.4996662 |  |
| 4,251.00                    | 7.69            | 171.40      | 4,215.27              | -499.09      | 84.76        | 1,909,926.78        | 598,387.35         | 36.2486689 | -107.4996626 |  |
| 4,315.00                    | 7.58            | 167.64      | 4,278.70              | -507.45      | 86.30        | 1,909,918.43        | 598,388.93         | 36.2486460 | -107.4996574 |  |
| 4,379.00                    | 7.41            | 175.57      | 4,342.16              | -515.69      | 87.52        | 1,909,910.19        | 598,390.18         | 36.2486233 | -107.4996532 |  |
| 4,442.00                    | 7.51            | 173.08      | 4,404.62              | -523.83      | 88.33        | 1,909,902.06        | 598,391.01         | 36.2486010 | -107.4996505 |  |
| 4,506.00                    | 7.54            | 176.07      | 4,468.07              | -532.17      | 89.13        | 1,909,893.72        | 598,391.83         | 36.2485781 | -107.4996478 |  |
| 4,569.00                    | 7.39            | 172.00      | 4,530.54              | -540.30      | 89.97        | 1,909,885.59        | 598,392.71         | 36.2485557 | -107.4996449 |  |
| 4,632.00                    | 6.82            | 169.88      | 4,593.06              | -548.00      | 91.19        | 1,909,877.90        | 598,393.96         | 36.2485346 | -107.4996408 |  |
| 4,696.00                    | 6.16            | 165.62      | 4,656.64              | -555.06      | 92.72        | 1,909,870.84        | 598,395.50         | 36.2485151 | -107.4996356 |  |
| 4,758.00                    | 6.30            | 170.18      | 4,718.28              | -561.64      | 94.12        | 1,909,864.27        | 598,396.93         | 36.2484971 | -107.4996308 |  |
| 4,822.00                    | 5.59            | 166.84      | 4,781.93              | -568.13      | 95.43        | 1,909,857.78        | 598,398.26         | 36.2484792 | -107.4996264 |  |
| Last SDI Surface MWD Survey |                 |             |                       |              |              |                     |                    |            |              |  |
| 4,854.00                    | 5.98            | 182.02      | 4,813.77              | -571.32      | 95.73        | 1,909,854.59        | 598,398.57         | 36.2484705 | -107.4996254 |  |
| First SDI Curve MWD Survey  |                 |             |                       |              |              |                     |                    |            |              |  |
| 4,885.00                    | 6.96            | 197.36      | 4,844.58              | -574.72      | 95.11        | 1,909,851.18        | 598,397.96         | 36.2484611 | -107.4996275 |  |
| 4,917.00                    | 6.68            | 203.20      | 4,876.35              | -578.29      | 93.80        | 1,909,847.62        | 598,396.66         | 36.2484514 | -107.4996319 |  |
| 4,948.00                    | 6.72            | 214.31      | 4,907.14              | -581.44      | 92.06        | 1,909,844.46        | 598,394.94         | 36.2484427 | -107.4996378 |  |
| 4,980.00                    | 8.18            | 232.20      | 4,938.87              | -584.38      | 89.21        | 1,909,841.50        | 598,392.10         | 36.2484346 | -107.4996475 |  |
| 5,012.00                    | 9.31            | 240.00      | 4,970.50              | -587.07      | 85.17        | 1,909,838.80        | 598,388.07         | 36.2484272 | -107.4996612 |  |
| 5,043.00                    | 11.17           | 251.19      | 5,001.01              | -589.30      | 80.15        | 1,909,836.56        | 598,383.06         | 36.2484211 | -107.4996782 |  |
| 5,075.00                    | 12.88           | 255.18      | 5,032.31              | -591.21      | 73.77        | 1,909,834.63        | 598,376.68         | 36.2484159 | -107.4996999 |  |
| 5,107.00                    | 15.30           | 261.47      | 5,063.35              | -592.75      | 66.15        | 1,909,833.06        | 598,369.06         | 36.2484116 | -107.4997257 |  |
| 5,139.00                    | 17.00           | 265.37      | 5,094.08              | -593.75      | 57.31        | 1,909,832.03        | 598,360.23         | 36.2484089 | -107.4997557 |  |
| 5,172.00                    | 18.77           | 268.11      | 5,125.49              | -594.32      | 47.19        | 1,909,831.43        | 598,350.11         | 36.2484073 | -107.4997900 |  |
| 5,204.00                    | 21.46           | 273.25      | 5,155.53              | -594.15      | 36.20        | 1,909,831.55        | 598,339.12         | 36.2484078 | -107.4998273 |  |
| 5,235.00                    | 25.77           | 275.24      | 5,183.93              | -593.22      | 23.82        | 1,909,832.45        | 598,326.74         | 36.2484103 | -107.4998693 |  |
| 5,267.00                    | 29.99           | 277.03      | 5,212.21              | -591.60      | 8.95         | 1,909,834.01        | 598,311.86         | 36.2484148 | -107.4999197 |  |
| 5,299.00                    | 34.89           | 279.04      | 5,239.21              | -589.18      | -8.04        | 1,909,836.37        | 598,294.87         | 36.2484214 | -107.4999773 |  |
| 5,331.00                    | 36.58           | 280.63      | 5,265.19              | -585.99      | -26.45       | 1,909,839.51        | 598,276.45         | 36.2484302 | -107.5000397 |  |
| 5,363.00                    | 38.49           | 283.65      | 5,290.56              | -581.88      | -45.50       | 1,909,843.55        | 598,257.38         | 36.2484415 | -107.5001043 |  |
| 5,395.00                    | 41.06           | 284.59      | 5,315.15              | -576.88      | -65.35       | 1,909,848.48        | 598,237.51         | 36.2484552 | -107.5001717 |  |
| 5,426.00                    | 45.13           | 285.15      | 5,337.79              | -571.44      | -85.82       | 1,909,853.85        | 598,217.03         | 36.2484702 | -107.5002411 |  |
| 5,458.00                    | 48.98           | 286.34      | 5,359.58              | -565.08      | -108.35      | 1,909,860.13        | 598,194.47         | 36.2484876 | -107.5003175 |  |
| 5,489.00                    | 52.06           | 287.58      | 5,379.29              | -558.09      | -131.24      | 1,909,867.04        | 598,171.56         | 36.2485068 | -107.5003951 |  |
| 5,521.00                    | 54.43           | 288.37      | 5,398.44              | -550.18      | -155.62      | 1,909,874.87        | 598,147.15         | 36.2485286 | -107.5004778 |  |
| 5,552.00                    | 56.37           | 288.55      | 5,416.04              | -542.10      | -179.82      | 1,909,882.86        | 598,122.92         | 36.2485508 | -107.5005599 |  |
| 5,584.00                    | 59.62           | 289.09      | 5,433.00              | -533.34      | -205.50      | 1,909,891.53        | 598,097.21         | 36.2485748 | -107.5006470 |  |
| 5,616.00                    | 60.43           | 288.51      | 5,448.99              | -524.41      | -231.74      | 1,909,900.37        | 598,070.94         | 36.2485994 | -107.5007360 |  |
| 5,648.00                    | 59.97           | 287.75      | 5,464.89              | -515.77      | -258.13      | 1,909,908.92        | 598,044.52         | 36.2486231 | -107.5008255 |  |
| 5,680.00                    | 60.25           | 290.47      | 5,480.84              | -506.69      | -284.34      | 1,909,917.91        | 598,018.28         | 36.2486480 | -107.5009144 |  |
| 5,712.00                    | 62.87           | 292.76      | 5,496.08              | -496.32      | -310.50      | 1,909,928.19        | 597,992.09         | 36.2486765 | -107.5010030 |  |
| 5,743.00                    | 66.90           | 294.09      | 5,509.24              | -485.16      | -336.24      | 1,909,939.27        | 597,966.31         | 36.2487072 | -107.5010904 |  |
| 5,774.00                    | 71.23           | 295.05      | 5,520.31              | -473.12      | -362.57      | 1,909,951.21        | 597,939.94         | 36.2487403 | -107.5011796 |  |
| 5,807.00                    | 74.09           | 294.34      | 5,530.14              | -459.96      | -391.18      | 1,909,964.27        | 597,911.28         | 36.2487764 | -107.5012677 |  |
| 5,839.00                    | 75.27           | 293.82      | 5,538.60              | -447.37      | -419.36      | 1,909,976.77        | 597,883.06         | 36.2488110 | -107.5013723 |  |
| 5,871.00                    | 78.35           | 294.02      | 5,545.90              | -434.74      | -447.84      | 1,909,989.30        | 597,854.54         | 36.2488457 | -107.5014688 |  |
| 5,903.00                    | 82.04           | 293.82      | 5,551.35              | -421.96      | -476.66      | 1,910,001.99        | 597,825.68         | 36.2488808 | -107.5015666 |  |
| 5,934.00                    | 82.78           | 293.81      | 5,555.44              | -409.55      | -504.77      | 1,910,014.30        | 597,797.52         | 36.2489149 | -107.5016619 |  |

|           |                    |                              |                                              |
|-----------|--------------------|------------------------------|----------------------------------------------|
| Company:  | WPX Energy         | Local Co-ordinate Reference: | Well NE Chaco Com #254H - Slot A2            |
| Project:  | T23N R6W           | TVD Reference:               | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Site:     | Chaco 2306-05L     | MD Reference:                | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Well:     | NE Chaco Com #254H | North Reference:             | True                                         |
| Wellbore: | ST1                | Survey Calculation Method:   | Minimum Curvature                            |
| Design:   | ST1                | Database:                    | Grand Junction District                      |

| Survey                                          |                 |             |                       |              |              |                     |                    |            |              |
|-------------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------|--------------|
| Measured Depth (usft)                           | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude   | Longitude    |
| 5,953.00                                        | 83.19           | 294.34      | 5,557.76              | -401.85      | -521.99      | 1,910,021.93        | 597,780.28         | 36.2489360 | -107.5017203 |
| Last SDI Curve MWD Survey                       |                 |             |                       |              |              |                     |                    |            |              |
| 6,000.00                                        | 86.25           | 293.66      | 5,562.09              | -382.82      | -564.73      | 1,910,040.82        | 597,737.46         | 36.2489883 | -107.5018653 |
| 7" Casing @ 6000' MD - 36.2489883, -107.5018652 |                 |             |                       |              |              |                     |                    |            |              |
| 6,040.00                                        | 88.86           | 293.09      | 5,563.79              | -366.97      | -601.41      | 1,910,056.54        | 597,700.73         | 36.2490319 | -107.5019897 |
| First SDI Lateral MWD Survey                    |                 |             |                       |              |              |                     |                    |            |              |
| 6,072.00                                        | 88.59           | 293.57      | 5,564.50              | -354.30      | -630.79      | 1,910,069.11        | 597,671.31         | 36.2490667 | -107.5020893 |
| 6,135.00                                        | 90.34           | 293.92      | 5,565.09              | -328.93      | -688.45      | 1,910,094.28        | 597,613.56         | 36.2491363 | -107.5022849 |
| 6,199.00                                        | 90.84           | 292.84      | 5,564.43              | -303.54      | -747.19      | 1,910,119.47        | 597,554.73         | 36.2492061 | -107.5024841 |
| 6,262.00                                        | 91.14           | 291.92      | 5,563.34              | -279.55      | -805.44      | 1,910,143.26        | 597,496.40         | 36.2492720 | -107.5026816 |
| 6,325.00                                        | 91.17           | 291.84      | 5,562.07              | -256.08      | -863.89      | 1,910,166.53        | 597,437.87         | 36.2493365 | -107.5028798 |
| 6,388.00                                        | 91.35           | 291.30      | 5,560.69              | -232.92      | -922.46      | 1,910,189.48        | 597,379.22         | 36.2494001 | -107.5030785 |
| 6,451.00                                        | 90.87           | 291.83      | 5,559.47              | -209.77      | -981.04      | 1,910,212.43        | 597,320.56         | 36.2494637 | -107.5032772 |
| 6,515.00                                        | 90.81           | 291.70      | 5,558.53              | -186.04      | -1,040.47    | 1,910,235.96        | 597,261.05         | 36.2495288 | -107.5034787 |
| 6,578.00                                        | 90.54           | 291.37      | 5,557.79              | -162.92      | -1,099.07    | 1,910,258.88        | 597,202.37         | 36.2495924 | -107.5036774 |
| 6,641.00                                        | 90.13           | 291.17      | 5,557.42              | -140.07      | -1,157.78    | 1,910,281.53        | 597,143.59         | 36.2496551 | -107.5038765 |
| 6,704.00                                        | 90.27           | 290.41      | 5,557.20              | -117.71      | -1,216.68    | 1,910,303.69        | 597,084.61         | 36.2497166 | -107.5040763 |
| 6,765.00                                        | 90.34           | 289.74      | 5,556.88              | -96.77       | -1,273.97    | 1,910,324.43        | 597,027.25         | 36.2497741 | -107.5042706 |
| 6,825.00                                        | 90.20           | 289.62      | 5,556.59              | -76.56       | -1,330.46    | 1,910,344.44        | 596,970.69         | 36.2498296 | -107.5044622 |
| 6,887.00                                        | 91.82           | 290.13      | 5,555.50              | -55.49       | -1,388.76    | 1,910,365.31        | 596,912.32         | 36.2498875 | -107.5046599 |
| 6,948.00                                        | 92.28           | 291.62      | 5,553.32              | -33.77       | -1,445.72    | 1,910,386.84        | 596,855.29         | 36.2499471 | -107.5048531 |
| 7,008.00                                        | 90.67           | 291.95      | 5,551.77              | -11.51       | -1,501.41    | 1,910,408.90        | 596,799.51         | 36.2500083 | -107.5050420 |
| 7,070.00                                        | 90.20           | 291.79      | 5,551.30              | 11.59        | -1,558.95    | 1,910,431.80        | 596,741.90         | 36.2500717 | -107.5052371 |
| 7,131.00                                        | 90.44           | 291.90      | 5,550.96              | 34.29        | -1,615.57    | 1,910,454.30        | 596,685.20         | 36.2501340 | -107.5054291 |
| 7,192.00                                        | 90.67           | 291.44      | 5,550.37              | 56.81        | -1,672.25    | 1,910,476.63        | 596,628.44         | 36.2501959 | -107.5056214 |
| 7,252.00                                        | 91.11           | 290.86      | 5,549.44              | 78.45        | -1,728.20    | 1,910,498.09        | 596,572.41         | 36.2502554 | -107.5058111 |
| 7,312.00                                        | 91.34           | 290.74      | 5,548.16              | 99.76        | -1,784.28    | 1,910,519.19        | 596,516.26         | 36.2503139 | -107.5060013 |
| 7,373.00                                        | 91.48           | 290.89      | 5,546.66              | 121.43       | -1,841.28    | 1,910,540.67        | 596,459.19         | 36.2503734 | -107.5061946 |
| 7,434.00                                        | 90.98           | 291.34      | 5,545.35              | 143.40       | -1,898.17    | 1,910,562.44        | 596,402.22         | 36.2504337 | -107.5063876 |
| 7,495.00                                        | 90.97           | 291.68      | 5,544.31              | 165.76       | -1,954.92    | 1,910,584.61        | 596,345.40         | 36.2504952 | -107.5065800 |
| 7,556.00                                        | 91.18           | 292.60      | 5,543.16              | 188.74       | -2,011.41    | 1,910,607.40        | 596,288.83         | 36.2505583 | -107.5067716 |
| 7,617.00                                        | 91.01           | 292.80      | 5,542.00              | 212.28       | -2,067.67    | 1,910,630.74        | 596,232.49         | 36.2506229 | -107.5069625 |
| 7,678.00                                        | 91.24           | 292.58      | 5,540.80              | 235.81       | -2,123.94    | 1,910,654.07        | 596,176.14         | 36.2506875 | -107.5071533 |
| 7,739.00                                        | 90.64           | 292.47      | 5,539.80              | 259.17       | -2,180.28    | 1,910,677.24        | 596,119.72         | 36.2507517 | -107.5073444 |
| 7,800.00                                        | 90.30           | 292.42      | 5,539.30              | 282.46       | -2,236.66    | 1,910,700.34        | 596,063.26         | 36.2508157 | -107.5075356 |
| 7,861.00                                        | 90.37           | 292.68      | 5,538.94              | 305.85       | -2,292.99    | 1,910,723.54        | 596,006.85         | 36.2508799 | -107.5077266 |
| 7,922.00                                        | 90.44           | 292.77      | 5,538.51              | 329.42       | -2,349.25    | 1,910,746.91        | 595,950.50         | 36.2509447 | -107.5079175 |
| 7,983.00                                        | 90.34           | 292.83      | 5,538.10              | 353.05       | -2,405.49    | 1,910,770.35        | 595,894.19         | 36.2510096 | -107.5081082 |
| 8,044.00                                        | 90.27           | 292.79      | 5,537.77              | 376.70       | -2,461.72    | 1,910,793.81        | 595,837.88         | 36.2510745 | -107.5082989 |
| 8,105.00                                        | 90.27           | 292.88      | 5,537.48              | 400.37       | -2,517.93    | 1,910,817.29        | 595,781.58         | 36.2511395 | -107.5084896 |
| 8,165.00                                        | 90.30           | 292.91      | 5,537.19              | 423.72       | -2,573.21    | 1,910,840.44        | 595,726.23         | 36.2512037 | -107.5086770 |
| 8,227.00                                        | 90.44           | 293.26      | 5,536.79              | 448.03       | -2,630.24    | 1,910,864.55        | 595,669.11         | 36.2512704 | -107.5088705 |
| 8,287.00                                        | 90.44           | 292.92      | 5,536.32              | 471.56       | -2,685.43    | 1,910,887.89        | 595,613.84         | 36.2513350 | -107.5090576 |
| 8,346.00                                        | 90.60           | 292.95      | 5,535.79              | 494.55       | -2,739.77    | 1,910,910.69        | 595,559.43         | 36.2513982 | -107.5092419 |
| 8,407.00                                        | 91.07           | 292.37      | 5,534.90              | 518.04       | -2,796.05    | 1,910,934.00        | 595,503.06         | 36.2514627 | -107.5094328 |
| 8,467.00                                        | 89.63           | 292.70      | 5,534.53              | 541.04       | -2,851.47    | 1,910,956.80        | 595,447.57         | 36.2515259 | -107.5096208 |
| 8,527.00                                        | 90.22           | 292.85      | 5,534.61              | 564.27       | -2,906.79    | 1,910,979.84        | 595,392.16         | 36.2515897 | -107.5098084 |
| 8,590.00                                        | 91.01           | 292.39      | 5,533.94              | 588.49       | -2,964.94    | 1,911,003.87        | 595,333.93         | 36.2516562 | -107.5100056 |
| 8,653.00                                        | 91.25           | 292.23      | 5,532.69              | 612.41       | -3,023.21    | 1,911,027.58        | 595,275.58         | 36.2517219 | -107.5102033 |
| 8,716.00                                        | 91.95           | 291.69      | 5,530.93              | 635.96       | -3,081.62    | 1,911,050.93        | 595,217.09         | 36.2517866 | -107.5104014 |
| 8,780.00                                        | 91.88           | 290.74      | 5,528.80              | 659.10       | -3,141.24    | 1,911,073.87        | 595,157.38         | 36.2518501 | -107.5106036 |
| 8,843.00                                        | 91.21           | 289.44      | 5,527.10              | 680.73       | -3,200.39    | 1,911,095.30        | 595,098.17         | 36.2519095 | -107.5108042 |
| 8,907.00                                        | 91.24           | 288.93      | 5,525.73              | 701.76       | -3,260.82    | 1,911,116.11        | 595,037.66         | 36.2519673 | -107.5110092 |
| 8,970.00                                        | 89.78           | 288.01      | 5,525.17              | 721.72       | -3,320.57    | 1,911,135.87        | 594,977.84         | 36.2520221 | -107.5112118 |
| 9,033.00                                        | 90.40           | 289.38      | 5,525.07              | 741.91       | -3,380.24    | 1,911,155.85        | 594,918.10         | 36.2520775 | -107.5114142 |



## Survey Report - Geographic

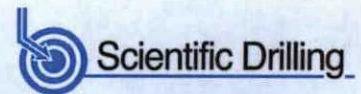


|           |                    |                              |                                              |
|-----------|--------------------|------------------------------|----------------------------------------------|
| Company:  | WPX Energy         | Local Co-ordinate Reference: | Well NE Chaco Com #254H - Slot A2            |
| Project:  | T23N R6W           | TVD Reference:               | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Site:     | Chaco 2306-05L     | MD Reference:                | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Well:     | NE Chaco Com #254H | North Reference:             | True                                         |
| Wellbore: | ST1                | Survey Calculation Method:   | Minimum Curvature                            |
| Design:   | ST1                | Database:                    | Grand Junction District                      |

| Survey                                      |                 |             |                       |              |              |                     |                    |            |              |
|---------------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|------------|--------------|
| Measured Depth (usft)                       | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude   | Longitude    |
| 9,096.00                                    | 91.55           | 289.02      | 5,524.00              | 762.63       | -3,439.73    | 1,911,176.36        | 594,858.54         | 36.2521344 | -107.5116160 |
| 9,161.00                                    | 90.34           | 287.84      | 5,522.92              | 783.17       | -3,501.39    | 1,911,196.70        | 594,796.82         | 36.2521909 | -107.5118251 |
| 9,224.00                                    | 90.10           | 287.69      | 5,522.68              | 802.39       | -3,561.38    | 1,911,215.71        | 594,736.76         | 36.2522436 | -107.5120286 |
| 9,287.00                                    | 90.44           | 287.92      | 5,522.39              | 821.66       | -3,621.36    | 1,911,234.77        | 594,676.71         | 36.2522965 | -107.5122320 |
| 9,351.00                                    | 91.08           | 288.52      | 5,521.54              | 841.67       | -3,682.15    | 1,911,254.57        | 594,615.85         | 36.2523515 | -107.5124382 |
| 9,415.00                                    | 90.30           | 287.18      | 5,520.77              | 861.28       | -3,743.06    | 1,911,273.98        | 594,554.87         | 36.2524053 | -107.5126448 |
| 9,478.00                                    | 91.28           | 286.84      | 5,519.90              | 879.71       | -3,803.30    | 1,911,292.20        | 594,494.57         | 36.2524559 | -107.5128491 |
| 9,542.00                                    | 93.06           | 288.95      | 5,517.47              | 899.36       | -3,864.15    | 1,911,311.64        | 594,433.65         | 36.2525099 | -107.5130555 |
| 9,605.00                                    | 91.58           | 290.23      | 5,514.92              | 920.46       | -3,923.45    | 1,911,332.54        | 594,374.28         | 36.2525679 | -107.5132566 |
| 9,668.00                                    | 91.14           | 290.11      | 5,513.43              | 942.18       | -3,982.57    | 1,911,354.05        | 594,315.08         | 36.2526275 | -107.5134571 |
| 9,732.00                                    | 90.40           | 291.13      | 5,512.57              | 964.72       | -4,042.47    | 1,911,376.38        | 594,255.11         | 36.2526894 | -107.5136602 |
| 9,795.00                                    | 90.44           | 291.86      | 5,512.11              | 987.80       | -4,101.08    | 1,911,399.26        | 594,196.42         | 36.2527528 | -107.5138591 |
| 9,858.00                                    | 90.91           | 290.92      | 5,511.36              | 1,010.78     | -4,159.74    | 1,911,422.03        | 594,137.68         | 36.2528159 | -107.5140580 |
| 9,922.00                                    | 89.46           | 291.05      | 5,511.16              | 1,033.89     | -4,219.49    | 1,911,444.75        | 594,077.85         | 36.2528788 | -107.5142607 |
| 9,985.00                                    | 90.50           | 292.71      | 5,511.18              | 1,057.17     | -4,277.95    | 1,911,468.02        | 594,019.31         | 36.2529433 | -107.5144589 |
| 10,047.00                                   | 90.07           | 293.04      | 5,510.87              | 1,081.27     | -4,335.08    | 1,911,491.93        | 593,962.11         | 36.2530095 | -107.5146527 |
| 10,110.00                                   | 90.44           | 294.37      | 5,510.59              | 1,106.60     | -4,392.76    | 1,911,517.06        | 593,904.34         | 36.2530790 | -107.5148483 |
| 10,174.00                                   | 90.40           | 295.25      | 5,510.12              | 1,133.45     | -4,450.85    | 1,911,543.71        | 593,846.15         | 36.2531528 | -107.5150454 |
| 10,236.00                                   | 90.00           | 294.28      | 5,509.91              | 1,159.42     | -4,507.15    | 1,911,569.49        | 593,789.77         | 36.2532241 | -107.5152363 |
| 10,300.00                                   | 89.29           | 293.67      | 5,510.30              | 1,185.43     | -4,565.62    | 1,911,595.29        | 593,731.20         | 36.2532955 | -107.5154347 |
| 10,363.00                                   | 90.10           | 293.92      | 5,510.64              | 1,210.85     | -4,623.27    | 1,911,620.51        | 593,673.47         | 36.2533653 | -107.5156302 |
| 10,426.00                                   | 90.84           | 294.03      | 5,510.12              | 1,236.44     | -4,680.83    | 1,911,645.91        | 593,615.82         | 36.2534356 | -107.5158254 |
| 10,490.00                                   | 91.88           | 293.64      | 5,508.60              | 1,262.30     | -4,739.35    | 1,911,671.56        | 593,557.21         | 36.2535066 | -107.5160239 |
| 10,554.00                                   | 90.22           | 295.49      | 5,507.43              | 1,288.90     | -4,797.54    | 1,911,697.96        | 593,498.93         | 36.2535796 | -107.5162213 |
| 10,618.00                                   | 90.66           | 296.54      | 5,506.94              | 1,316.97     | -4,855.06    | 1,911,725.83        | 593,441.32         | 36.2536567 | -107.5164164 |
| 10,681.00                                   | 90.84           | 295.28      | 5,506.11              | 1,344.49     | -4,911.72    | 1,911,753.16        | 593,384.56         | 36.2537323 | -107.5166086 |
| 10,745.00                                   | 89.33           | 293.40      | 5,506.02              | 1,370.87     | -4,970.03    | 1,911,779.34        | 593,326.16         | 36.2538047 | -107.5168063 |
| 10,808.00                                   | 90.34           | 293.40      | 5,506.20              | 1,395.89     | -5,027.84    | 1,911,804.16        | 593,268.26         | 36.2538734 | -107.5170024 |
| 10,871.00                                   | 90.98           | 293.34      | 5,505.47              | 1,420.88     | -5,085.67    | 1,911,828.95        | 593,210.35         | 36.2539421 | -107.5171986 |
| 10,935.00                                   | 90.20           | 291.82      | 5,504.81              | 1,445.45     | -5,144.76    | 1,911,853.32        | 593,151.17         | 36.2540095 | -107.5173990 |
| 10,998.00                                   | 90.34           | 290.89      | 5,504.52              | 1,468.39     | -5,203.43    | 1,911,876.06        | 593,092.42         | 36.2540725 | -107.5175980 |
| 11,062.00                                   | 90.87           | 290.58      | 5,503.84              | 1,491.05     | -5,263.28    | 1,911,898.51        | 593,032.49         | 36.2541347 | -107.5178010 |
| 11,125.00                                   | 91.27           | 290.74      | 5,502.67              | 1,513.27     | -5,322.22    | 1,911,920.53        | 592,973.48         | 36.2541958 | -107.5180009 |
| 11,189.00                                   | 91.65           | 290.24      | 5,501.03              | 1,535.67     | -5,382.15    | 1,911,942.72        | 592,913.47         | 36.2542572 | -107.5182042 |
| 11,252.00                                   | 92.69           | 289.84      | 5,498.65              | 1,557.24     | -5,441.30    | 1,911,964.09        | 592,854.26         | 36.2543165 | -107.5184048 |
| 11,315.00                                   | 90.84           | 289.67      | 5,496.71              | 1,578.52     | -5,500.56    | 1,911,985.17        | 592,794.92         | 36.2543749 | -107.5186058 |
| 11,378.00                                   | 90.57           | 288.41      | 5,495.93              | 1,599.07     | -5,560.10    | 1,912,005.51        | 592,735.30         | 36.2544313 | -107.5188078 |
| 11,441.00                                   | 89.63           | 287.10      | 5,495.82              | 1,618.29     | -5,620.10    | 1,912,024.52        | 592,675.24         | 36.2544841 | -107.5190113 |
| 11,495.00                                   | 90.28           | 287.13      | 5,495.87              | 1,634.18     | -5,671.71    | 1,912,040.23        | 592,623.58         | 36.2545277 | -107.5191863 |
| 36.2545277, -107.5191863 - RSI @ 11,495' MD |                 |             |                       |              |              |                     |                    |            |              |
| 11,505.00                                   | 90.40           | 287.14      | 5,495.81              | 1,637.13     | -5,681.27    | 1,912,043.14        | 592,614.01         | 36.2545358 | -107.5192188 |
| 11,523.00                                   | 90.77           | 286.94      | 5,495.62              | 1,642.40     | -5,698.47    | 1,912,048.36        | 592,596.79         | 36.2545503 | -107.5192771 |
| Last SDI Lateral MWD Survey                 |                 |             |                       |              |              |                     |                    |            |              |
| 11,587.00                                   | 90.77           | 286.94      | 5,494.76              | 1,661.05     | -5,759.69    | 1,912,066.80        | 592,535.50         | 36.2546015 | -107.5194848 |
| Projection to TD                            |                 |             |                       |              |              |                     |                    |            |              |



## Survey Report - Geographic



|           |                    |                              |                                              |
|-----------|--------------------|------------------------------|----------------------------------------------|
| Company:  | WPX Energy         | Local Co-ordinate Reference: | Well NE Chaco Com #254H - Slot A2            |
| Project:  | T23N R6W           | TVD Reference:               | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Site:     | Chaco 2306-05L     | MD Reference:                | GL 6830' & RKB 15' @ 6845.00usft (Aztec 920) |
| Well:     | NE Chaco Com #254H | North Reference:             | True                                         |
| Wellbore: | ST1                | Survey Calculation Method:   | Minimum Curvature                            |
| Design:   | ST1                | Database:                    | Grand Junction District                      |

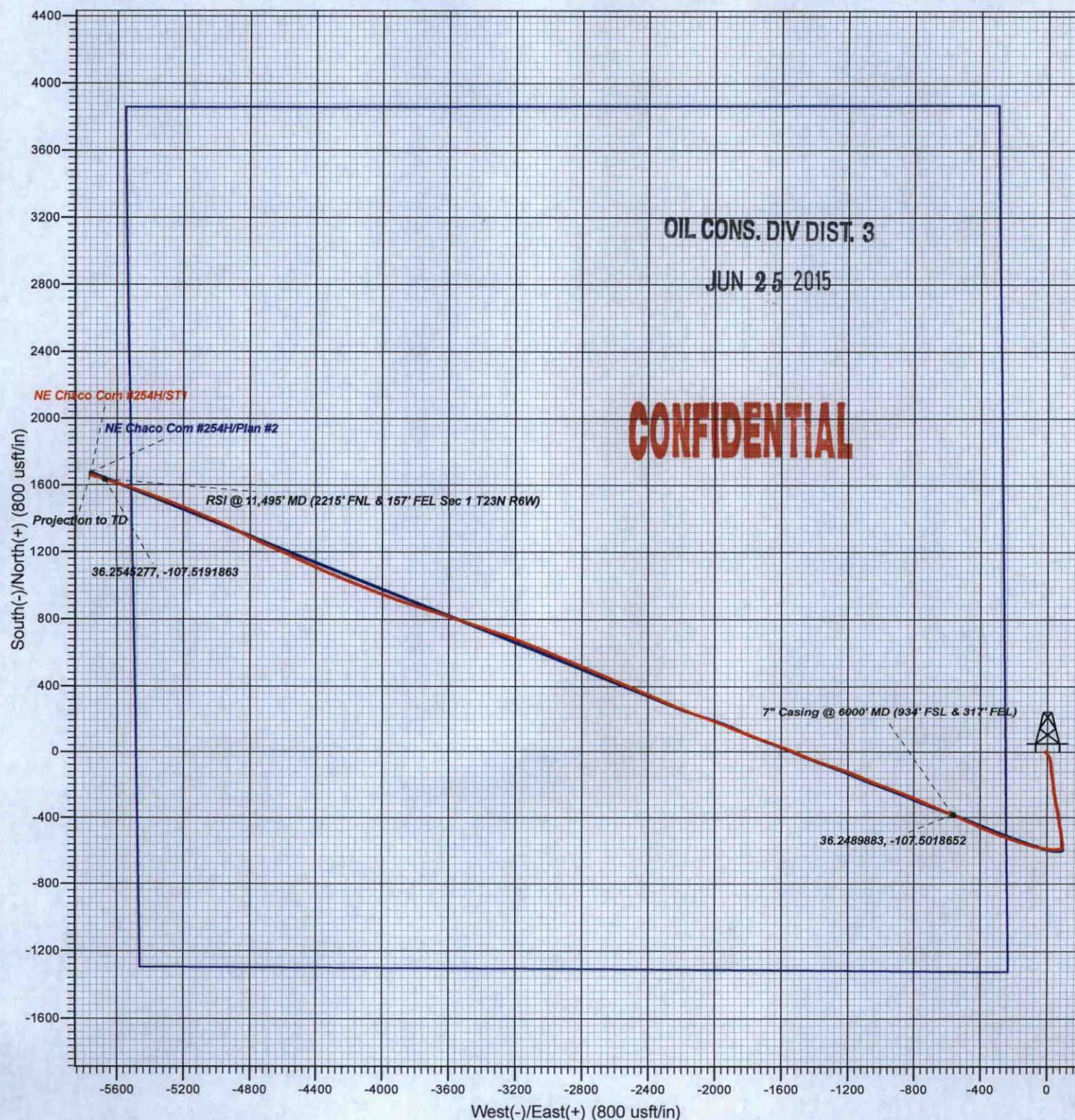
## Design Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                      |
|-----------------------------|-----------------------------|-------------------|-----------------|------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                              |
| 457.00                      | 456.92                      | 1.02              | -7.38           | First SDI Surface MWD Survey |
| 4,822.00                    | 4,781.93                    | -568.13           | 95.43           | Last SDI Surface MWD Survey  |
| 4,854.00                    | 4,813.77                    | -571.32           | 95.73           | First SDI Curve MWD Survey   |
| 5,953.00                    | 5,557.76                    | -401.85           | -521.99         | Last SDI Curve MWD Survey    |
| 6,000.00                    | 5,562.09                    | -382.82           | -564.73         | 7" Casing @ 6000' MD         |
| 6,000.00                    | 5,562.09                    | -382.82           | -564.73         | 36.2489883, -107.5018652     |
| 6,040.00                    | 5,563.79                    | -366.97           | -601.41         | First SDI Lateral MWD Survey |
| 11,495.00                   | 5,495.87                    | 1,634.18          | -5,671.71       | 36.2545277, -107.5191863     |
| 11,495.00                   | 5,495.87                    | 1,634.18          | -5,671.71       | RSI @ 11,495' MD             |
| 11,523.00                   | 5,495.62                    | 1,642.40          | -5,698.47       | Last SDI Lateral MWD Survey  |
| 11,587.00                   | 5,494.76                    | 1,661.05          | -5,759.69       | Projection to TD             |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Well Details: NE Chaco Com #254H

| +N/-S | +E/-W | North      | East      | Latitude   | Longitude    | Slot |
|-------|-------|------------|-----------|------------|--------------|------|
| 0.00  | 0.00  | 1910425.58 | 598300.87 | 36.2500400 | -107.4999500 | A2   |



Plan: ST1

11:49, May 26 2015  
Created By: Janie Collins