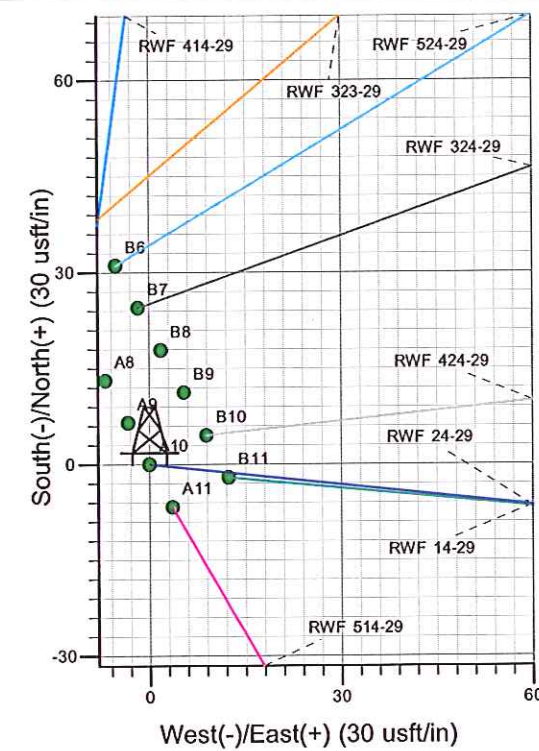
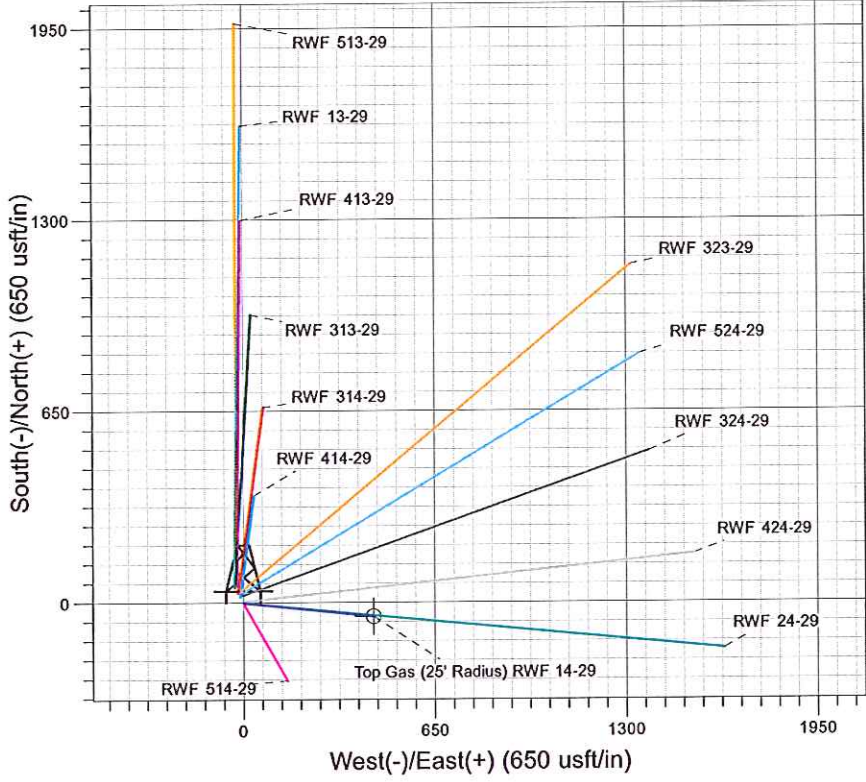
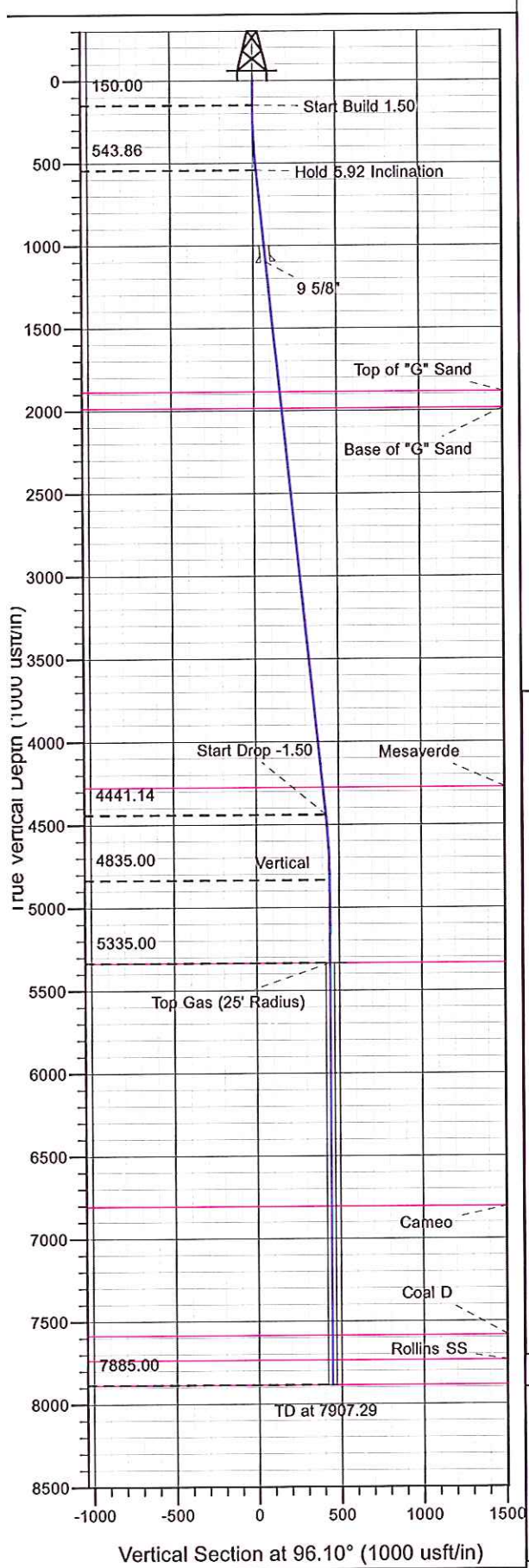




14-29  
Surface Location: RWF 14-29 Pad  
North American Datum 1983, US State Plane 1983, Colorado Central Zone  
Ground Elevation: 5419.00  
+N/-S +E/-W Northing Easting Latitude Longitude  
0.00 0.00 1612458.00 2317494.80 39.49003 -107.91859  
KELLY BUSHING @ 5445.00usft (SSD 576)

Slot  
A10



Project: RU 29-06S-094W  
Site: RWF 14-29 Pad  
Well: RWF 14-29  
Design #1 15Jun11 kjs

Asimuths to True North  
Magnetic North: 10.32°  
Magnetic Field  
Strength: 52261.4snT  
Dip Angle: 65.75°  
Date: 6/15/2011  
Model: IGRF2010

| ANNOTATIONS |      |       |         |        |        |        |           |                       |  |
|-------------|------|-------|---------|--------|--------|--------|-----------|-----------------------|--|
| MD          | Inc  | Azi   | TVD     | +N/-S  | +E/-W  | Vsect  | Departure | Annotation            |  |
| 150.00      | 0.00 | 0.00  | 150.00  | 0.00   | 0.00   | 0.00   | 0.00      | Start Build 1.50      |  |
| 544.56      | 5.92 | 96.10 | 543.86  | -2.16  | 20.24  | 20.36  | 20.36     | Hold 5.92 Inclination |  |
| 4462.73     | 5.92 | 96.10 | 4441.14 | -45.08 | 421.97 | 424.37 | 424.37    | Start Drop -1.50      |  |
| 4857.29     | 0.00 | 0.00  | 4835.00 | -47.24 | 442.21 | 444.73 | 444.73    | Vertical              |  |
| 5357.29     | 0.00 | 0.00  | 5335.00 | -47.24 | 442.21 | 444.73 | 444.73    | Top Gas               |  |
| 7907.29     | 0.00 | 0.00  | 7885.00 | -47.24 | 442.21 | 444.73 | 444.73    | TD at 7907.29         |  |



## **PICEANCE VLY NAD 83**

**RU 29-06S-094W**

**RWF 14-29 Pad**

**RWF 14-29 - Slot A10**

**Wellbore #1**

**Plan: Design #1 15Jun11 kjs**

## **Standard Planning Report - Geographic**

**17 April, 2012**





**WPX Energy**  
Planning Report - Geographic

|                  |                       |                                     |                                       |
|------------------|-----------------------|-------------------------------------|---------------------------------------|
| <b>Database:</b> | COMPASS-PICEANCE      | <b>Local Co-ordinate Reference:</b> | Well RWF 14-29 - Slot A10             |
| <b>Company:</b>  | PICEANCE VLY NAD 83   | <b>TVD Reference:</b>               | KELLY BUSHING @ 5445.00usft (SSD 576) |
| <b>Project:</b>  | RU 29-06S-094W        | <b>MD Reference:</b>                | KELLY BUSHING @ 5445.00usft (SSD 576) |
| <b>Site:</b>     | RWF 14-29 Pad         | <b>North Reference:</b>             | True                                  |
| <b>Well:</b>     | RWF 14-29             | <b>Survey Calculation Method:</b>   | Minimum Curvature                     |
| <b>Wellbore:</b> | Wellbore #1           |                                     |                                       |
| <b>Design:</b>   | Design #1 15Jun11 kjs |                                     |                                       |

|                    |                             |                      |                |
|--------------------|-----------------------------|----------------------|----------------|
| <b>Project</b>     | RU 29-06S-094W, 29-06S-094W |                      |                |
| <b>Map System:</b> | US State Plane 1983         | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983   |                      |                |
| <b>Map Zone:</b>   | Colorado Central Zone       |                      |                |

|                              |               |                     |                   |                                  |
|------------------------------|---------------|---------------------|-------------------|----------------------------------|
| <b>Site</b>                  | RWF 14-29 Pad |                     |                   |                                  |
| <b>Site Position:</b>        |               | <b>Northing:</b>    | 1,612,451.20 usft | <b>Latitude:</b> 39.49001        |
| <b>From:</b>                 | Map           | <b>Easting:</b>     | 2,317,498.20 usft | <b>Longitude:</b> -107.91858     |
| <b>Position Uncertainty:</b> | 0.00 usft     | <b>Slot Radius:</b> | 13.200 in         | <b>Grid Convergence:</b> -1.53 ° |

|                             |                      |           |                            |                                    |
|-----------------------------|----------------------|-----------|----------------------------|------------------------------------|
| <b>Well</b>                 | RWF 14-29 - Slot A10 |           |                            |                                    |
| <b>Well Position</b>        | <b>+N/-S</b>         | 0.00 usft | <b>Northing:</b>           | 1,612,457.99 usft                  |
|                             | <b>+E/-W</b>         | 0.00 usft | <b>Easting:</b>            | 2,317,494.80 usft                  |
| <b>Position Uncertainty</b> | 0.00 usft            |           | <b>Wellhead Elevation:</b> | <b>Ground Level:</b> 5,419.00 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2010          | 6/15/2011          | 10.32                  | 65.75                | 52,261                     |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Design #1 15Jun11 kjs          |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.00                 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.00                           | 0.00                | 0.00                 | 96.10                |

| <b>Plan Sections</b>  |                 |             |                       |              |              |                         |                        |                       |         |                      |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Buidl Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target               |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 150.00                | 0.00            | 0.00        | 150.00                | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 544.56                | 5.92            | 96.10       | 543.86                | -2.16        | 20.24        | 1.50                    | 1.50                   | 0.00                  | 96.10   |                      |
| 4,462.73              | 5.92            | 96.10       | 4,441.14              | -45.08       | 421.97       | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 4,857.29              | 0.00            | 0.00        | 4,835.00              | -47.24       | 442.21       | 1.50                    | -1.50                  | 0.00                  | 180.00  |                      |
| 5,357.29              | 0.00            | 0.00        | 5,335.00              | -47.24       | 442.21       | 0.00                    | 0.00                   | 0.00                  | 0.00    | Top Gas (25' Radius) |
| 7,907.29              | 0.00            | 0.00        | 7,885.00              | -47.24       | 442.21       | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |



**WPX Energy**  
Planning Report - Geographic

|                  |                       |                                     |                                       |
|------------------|-----------------------|-------------------------------------|---------------------------------------|
| <b>Database:</b> | COMPASS-PICEANCE      | <b>Local Co-ordinate Reference:</b> | Well RWF 14-29 - Slot A10             |
| <b>Company:</b>  | PICEANCE VLY NAD 83   | <b>TVD Reference:</b>               | KELLY BUSHING @ 5445.00usft (SSD 576) |
| <b>Project:</b>  | RU 29-06S-094W        | <b>MD Reference:</b>                | KELLY BUSHING @ 5445.00usft (SSD 576) |
| <b>Site:</b>     | RWF 14-29 Pad         | <b>North Reference:</b>             | True                                  |
| <b>Well:</b>     | RWF 14-29             | <b>Survey Calculation Method:</b>   | Minimum Curvature                     |
| <b>Wellbore:</b> | Wellbore #1           |                                     |                                       |
| <b>Design:</b>   | Design #1 15Jun11 kjs |                                     |                                       |

| Planned Survey                   |                 |             |                       |              |              |                     |                    |          |            |
|----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|---------------------|--------------------|----------|------------|
| Measured Depth (usft)            | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Map Northing (usft) | Map Easting (usft) | Latitude | Longitude  |
| 0.00                             | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 1,612,457.99        | 2,317,494.80       | 39.49003 | -107.91860 |
| 150.00                           | 0.00            | 0.00        | 150.00                | 0.00         | 0.00         | 1,612,457.99        | 2,317,494.80       | 39.49003 | -107.91860 |
| <b>Start Build 1.50</b>          |                 |             |                       |              |              |                     |                    |          |            |
| 544.56                           | 5.92            | 96.10       | 543.86                | -2.16        | 20.24        | 1,612,455.29        | 2,317,514.98       | 39.49003 | -107.91852 |
| <b>Hold 5.92 Inclination</b>     |                 |             |                       |              |              |                     |                    |          |            |
| 1,103.68                         | 5.92            | 96.10       | 1,100.00              | -8.29        | 77.57        | 1,612,447.65        | 2,317,572.12       | 39.49001 | -107.91832 |
| <b>9 5/8"</b>                    |                 |             |                       |              |              |                     |                    |          |            |
| 1,892.89                         | 5.92            | 96.10       | 1,885.00              | -16.93       | 158.49       | 1,612,436.85        | 2,317,652.78       | 39.48998 | -107.91803 |
| <b>Top of "G" Sand</b>           |                 |             |                       |              |              |                     |                    |          |            |
| 1,993.42                         | 5.92            | 96.10       | 1,985.00              | -18.03       | 168.80       | 1,612,435.47        | 2,317,663.06       | 39.48998 | -107.91800 |
| <b>Base of "G" Sand</b>          |                 |             |                       |              |              |                     |                    |          |            |
| 4,295.70                         | 5.92            | 96.10       | 4,275.00              | -43.25       | 404.84       | 1,612,403.98        | 2,317,898.35       | 39.48991 | -107.91716 |
| <b>Mesaverde</b>                 |                 |             |                       |              |              |                     |                    |          |            |
| 4,462.73                         | 5.92            | 96.10       | 4,441.14              | -45.08       | 421.97       | 1,612,401.70        | 2,317,915.42       | 39.48991 | -107.91710 |
| <b>Start Drop -1.50</b>          |                 |             |                       |              |              |                     |                    |          |            |
| 4,857.29                         | 0.00            | 0.00        | 4,835.00              | -47.24       | 442.21       | 1,612,399.00        | 2,317,935.60       | 39.48990 | -107.91703 |
| <b>Vertical</b>                  |                 |             |                       |              |              |                     |                    |          |            |
| 5,357.29                         | 0.00            | 0.00        | 5,335.00              | -47.24       | 442.21       | 1,612,399.00        | 2,317,935.60       | 39.48990 | -107.91703 |
| <b>Top Gas - Approx. Top Gas</b> |                 |             |                       |              |              |                     |                    |          |            |
| 6,827.29                         | 0.00            | 0.00        | 6,805.00              | -47.24       | 442.21       | 1,612,399.00        | 2,317,935.60       | 39.48990 | -107.91703 |
| <b>Cameo</b>                     |                 |             |                       |              |              |                     |                    |          |            |
| 7,607.29                         | 0.00            | 0.00        | 7,585.00              | -47.24       | 442.21       | 1,612,399.00        | 2,317,935.60       | 39.48990 | -107.91703 |
| <b>Coal D</b>                    |                 |             |                       |              |              |                     |                    |          |            |
| 7,757.29                         | 0.00            | 0.00        | 7,735.00              | -47.24       | 442.21       | 1,612,399.00        | 2,317,935.60       | 39.48990 | -107.91703 |
| <b>Rollins SS</b>                |                 |             |                       |              |              |                     |                    |          |            |
| 7,907.29                         | 0.00            | 0.00        | 7,885.00              | -47.24       | 442.21       | 1,612,399.00        | 2,317,935.60       | 39.48990 | -107.91703 |
| <b>TD at 7907.29 - TD</b>        |                 |             |                       |              |              |                     |                    |          |            |

| Design Targets            |               |              |            |              |              |                 |                |          |            |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|----------|------------|
| Target Name               | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude  |
| - hit/miss target         |               |              |            |              |              |                 |                |          |            |
| - Shape                   |               |              |            |              |              |                 |                |          |            |
| Top Gas (25' Radius) R\   | 0.00          | 0.00         | 5,335.00   | -47.24       | 442.21       | 1,612,399.00    | 2,317,935.60   | 39.48990 | -107.91703 |
| - plan hits target center |               |              |            |              |              |                 |                |          |            |
| - Circle (radius 25.00)   |               |              |            |              |              |                 |                |          |            |

| Casing Points         |                       |        |                      |                    |  |
|-----------------------|-----------------------|--------|----------------------|--------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name   | Casing Diameter (in) | Hole Diameter (in) |  |
| 1,103.68              | 1,100.00              | 9 5/8" | 9.625                | 14.750             |  |





**WPX Energy**  
Planning Report - Geographic

|                  |                       |                                     |                                       |
|------------------|-----------------------|-------------------------------------|---------------------------------------|
| <b>Database:</b> | COMPASS-PICEANCE      | <b>Local Co-ordinate Reference:</b> | Well RWF 14-29 - Slot A10             |
| <b>Company:</b>  | PICEANCE VLY NAD 83   | <b>TVD Reference:</b>               | KELLY BUSHING @ 5445.00usft (SSD 576) |
| <b>Project:</b>  | RU 29-06S-094W        | <b>MD Reference:</b>                | KELLY BUSHING @ 5445.00usft (SSD 576) |
| <b>Site:</b>     | RWF 14-29 Pad         | <b>North Reference:</b>             | True                                  |
| <b>Well:</b>     | RWF 14-29             | <b>Survey Calculation Method:</b>   | Minimum Curvature                     |
| <b>Wellbore:</b> | Wellbore #1           |                                     |                                       |
| <b>Design:</b>   | Design #1 15Jun11 kjs |                                     |                                       |

| Formations            |                       |                  |           |         |                   |  |
|-----------------------|-----------------------|------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name             | Lithology | Dip (°) | Dip Direction (°) |  |
| 1,892.89              | 1,885.00              | Top of "G" Sand  |           |         |                   |  |
| 1,993.42              | 1,985.00              | Base of "G" Sand |           |         |                   |  |
| 4,295.70              | 4,275.00              | Mesaverde        |           |         |                   |  |
| 5,357.29              | 5,335.00              | Approx. Top Gas  |           |         |                   |  |
| 6,827.29              | 6,805.00              | Cameo            |           |         |                   |  |
| 7,607.29              | 7,585.00              | Coal D           |           |         |                   |  |
| 7,757.29              | 7,735.00              | Rollins SS       |           |         |                   |  |
| 7,907.29              | 7,885.00              | TD               |           |         |                   |  |

| Plan Annotations      |                       |                   |              |                       |  |
|-----------------------|-----------------------|-------------------|--------------|-----------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                       |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment               |  |
| 150.00                | 150.00                | 0.00              | 0.00         | Start Build 1.50      |  |
| 544.56                | 543.86                | -2.16             | 20.24        | Hold 5.92 Inclination |  |
| 4,462.73              | 4,441.14              | -45.08            | 421.97       | Start Drop -1.50      |  |
| 4,857.29              | 4,835.00              | -47.24            | 442.21       | Vertical              |  |
| 5,357.29              | 5,335.00              | -47.24            | 442.21       | Top Gas               |  |
| 7,907.29              | 7,885.00              | -47.24            | 442.21       | TD at 7907.29         |  |