

Customer : Conoco/Phillips  
Well Name : CP13B-16

Field : Piceance Basin  
Slot : CP13B-16 E16 596 (phase one)  
Job # : CA-MJ-0005216257

Rig : 631

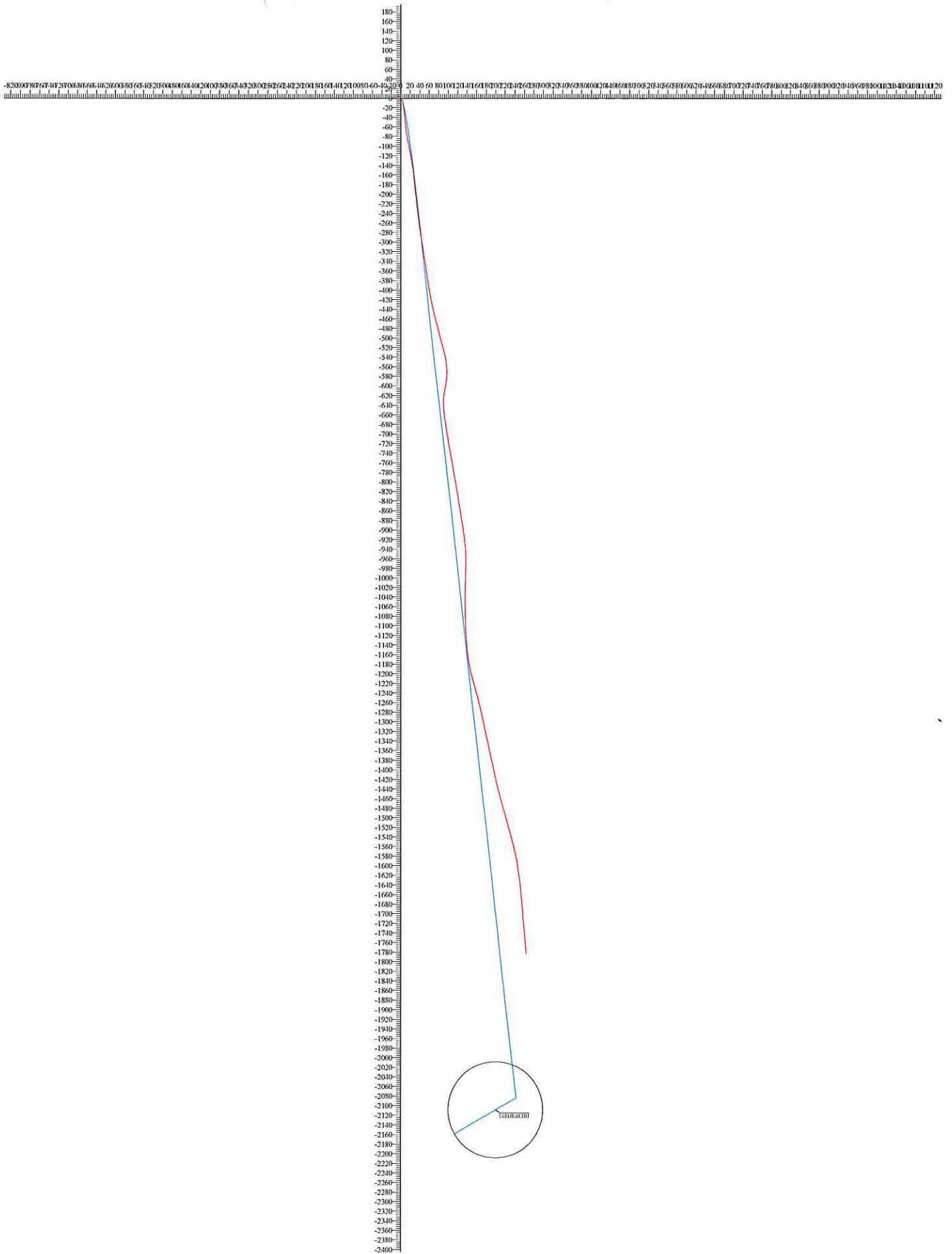
North Ref : Grid Declination : 10.99° VS Dir : 174.59° (from Wellhead)

Surveys for BHA 7

| WELLBORE SURVEY     |                  |               |                     |                       |             |       |              |                     |                    | DRILLING PARAMETERS |     |                 |                  |             |      |                 |             |             |          |
|---------------------|------------------|---------------|---------------------|-----------------------|-------------|-------|--------------|---------------------|--------------------|---------------------|-----|-----------------|------------------|-------------|------|-----------------|-------------|-------------|----------|
| Measured Depth (ft) | Incl Angle (deg) | Azi Dir (deg) | Vertical Depth (ft) | Vertical Section (ft) | Coordinates |       | DLS (°/100') | Build Rate (°/100') | Turn Rate (°/100') | WOB (lbs)           | RPM | Flow Rate (gpm) | Stand Pipe (psi) | Orientation |      | Tool Face (deg) | ROP (ft/hr) | BHA No. (#) | Comment  |
| 5762.00             | 18.70            | 174.80        | 5478.1              | 1684.1                | -1667.5     | 255.2 | 0.81         | -0.73               | 1.09               | 7                   |     | 427             | 1650             | 5736        | 5743 | HS              | 40          | 7           |          |
| 5854.00             | 18.40            | 175.60        | 5565.3              | 1713.4                | -1696.6     | 257.7 | 0.43         | -0.33               | 0.87               | 9                   | 60  | 363             | 1388             | 5752        | 5762 | HS              | 75          | 7           |          |
| 5949.00             | 17.70            | 174.30        | 5655.6              | 1742.8                | -1725.9     | 260.2 | 0.85         | -0.74               | -1.37              | 7                   |     | 427             | 1650             | 5826        | 5776 | HS              |             | 7           |          |
| 6043.00             | 16.50            | 175.10        | 5745.5              | 1770.4                | -1753.5     | 262.8 | 1.30         | -1.28               | 0.85               | 7                   |     | 427             | 1650             | 5842        | 5852 | HS              | 6           | 7           |          |
| 6139.00             | 17.30            | 175.10        | 5837.3              | 1798.3                | -1781.3     | 265.2 | 0.83         | 0.83                | 0.00               | 7                   |     | 427             | 1650             | 5926        | 5949 | HS              | 6           | 7           |          |
| 6222.00             |                  |               |                     |                       |             |       |              |                     |                    |                     |     |                 |                  | 6011        | 6043 | HS              |             | 7           |          |
|                     |                  |               |                     |                       |             |       |              |                     |                    |                     |     |                 |                  | 6043        | 6070 | HS              | 6           | 7           |          |
|                     |                  |               |                     |                       |             |       |              |                     |                    |                     |     |                 |                  | 6102        | 6139 | HS              |             | 7           | Trip Out |
|                     |                  |               |                     |                       |             |       |              |                     |                    |                     |     |                 |                  | 6139        | 6141 | HS              |             | 7           |          |
|                     |                  |               |                     |                       |             |       |              |                     |                    |                     |     |                 |                  | 6202        | 6212 | HS              |             | 7           |          |
|                     |                  |               |                     |                       |             |       |              |                     |                    |                     |     |                 |                  | 6216        |      | HS              |             | 7           |          |

South(-)/North(+) [ft]

West(-)/East(+) [ft]



True Vertical Depth [ft]



CP108-16

CP108-16



Vertical Section at 174.59° [ft]

# **ConocoPhillips Piceance Basin**

**Piceance Basin (Landmark)**

**PAD E16 596**

**CP13B-16 E16 596(phase one) - Slot 8**

**Slot 8**

**Survey: EM MWD Svys**

## **Standard Survey Report**

**19 August, 2007**



# Halliburton Company

## Survey Report

|                  |                               |                                     |   |
|------------------|-------------------------------|-------------------------------------|---|
| <b>Company:</b>  | ConocoPhillips Piceance Basin | <b>Local Co-ordinate Reference:</b> | Well CP13B-16 E16 596(phase one) - Slot 8 |
| <b>Project:</b>  | Piceance Basin (Landmark)     | <b>TVD Reference:</b>               | RKB @ 8404.98ft (PD 631)                  |
| <b>Site:</b>     | PAD E16 596                   | <b>MD Reference:</b>                | RKB @ 8404.98ft (PD 631)                  |
| <b>Well:</b>     | CP13B-16 E16 596(phase one)   | <b>North Reference:</b>             | Grid                                      |
| <b>Wellbore:</b> | Slot 8                        | <b>Survey Calculation Method:</b>   | Minimum Curvature                         |
| <b>Design:</b>   | CP13B-16                      | <b>Database:</b>                    | EDM 2003.16 Single User Db                |

|                    |                                      |                      |                             |
|--------------------|--------------------------------------|----------------------|-----------------------------|
| <b>Project</b>     | Piceance Basin (Landmark)            |                      |                             |
| <b>Map System:</b> | US State Plane 1927 (Exact solution) | <b>System Datum:</b> | Ground Level                |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)              |                      |                             |
| <b>Map Zone:</b>   | Colorado North 501                   |                      | Using geodetic scale factor |

|                       |             |              |                 |                   |                   |
|-----------------------|-------------|--------------|-----------------|-------------------|-------------------|
| Site                  | PAD E16 596 |              |                 |                   |                   |
| Site Position:        |             | Northing:    | 114,553.52 ft   | Latitude:         | 39° 36' 59.150 N  |
| From:                 | Lat/Long    | Easting:     | 1,244,322.42 ft | Longitude:        | 108° 10' 57.440 W |
| Position Uncertainty: | 0.00 ft     | Slot Radius: | in              | Grid Convergence: | -1.73 °           |

|                      |   |         |                     |                 |               |                   |
|----------------------|---|---------|---------------------|-----------------|---------------|-------------------|
| Well                 | CP13B-16 E16 596(phase one) - Slot 8, E16 |         |                     |                 |               |                   |
| Well Position        | +N/-S                                     | 0.00 ft | Northing:           | 114,525.40 ft   | Latitude:     | 39° 36' 58.872 N  |
|                      | +E/-W                                     | 0.00 ft | Easting:            | 1,244,321.60 ft | Longitude:    | 108° 10' 57.440 W |
| Position Uncertainty |   | 0.00 ft | Wellhead Elevation: | 8,380.65 ft     | Ground Level: | 8,380.65 ft       |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Slot 8            |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | BGGM2007          | 7/11/2007          | 10.98                  | 65.93                | 52,666                     |

|                          |                              |                   |                   |                      |      |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|------|
| <b>Design</b>            | CP13B-16                     |                   |                   |                      |      |
| <b>Audit Notes:</b>      |                              |                   |                   |                      |      |
| <b>Version:</b>          | 1.0                          | <b>Phase:</b>     | ACTUAL            | <b>Tie On Depth:</b> | 0.00 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Direction (°)</b> |      |
|                          | 0.00                         | 0.00              | 0.00              | 174.59               |      |

|                       |                |                          |                  |                    |  |
|-----------------------|----------------|--------------------------|------------------|--------------------|--|
| <b>Survey Program</b> | Date 8/19/2007 |                          |                  |                    |  |
| <b>From (ft)</b>      | <b>To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |  |
| 147.00                | 7,658.00       | EM MWD Svys (Slot 8)     | Good_gyro        | Good Gyro          |  |

|                            |                        |                    |                            |                   |                   |                              |                              |                             |                            |  |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|----------------------------|--|
| <b>Survey</b>              |                        |                    |                            |                   |                   |                              |                              |                             |                            |  |
| <b>Measured Depth (ft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Vertical Section (ft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Turn Rate (°/100ft)</b> |  |
| 6,422.00                   | 17.80                  | 172.00             | 6,107.14                   | -1,866.16         | 273.92            | 1,883.68                     | 0.63                         | 0.62                        | -0.10                      |  |
| 6,516.00                   | 17.50                  | 173.40             | 6,196.71                   | -1,894.42         | 277.55            | 1,912.16                     | 0.55                         | -0.32                       | 1.49                       |  |
| 6,611.00                   | 16.70                  | 173.40             | 6,287.51                   | -1,922.17         | 280.76            | 1,940.09                     | 0.84                         | -0.84                       | 0.00                       |  |
| 6,707.00                   | 17.20                  | 176.00             | 6,379.34                   | -1,950.03         | 283.34            | 1,968.07                     | 0.95                         | 0.52                        | 2.71                       |  |
| 6,801.00                   | 16.60                  | 177.70             | 6,469.28                   | -1,977.32         | 284.84            | 1,995.37                     | 0.83                         | -0.64                       | 1.81                       |  |
| 6,897.00                   | 15.30                  | 178.40             | 6,561.58                   | -2,003.68         | 285.75            | 2,021.70                     | 1.37                         | -1.35                       | 0.73                       |  |
| 6,993.00                   | 13.50                  | 177.20             | 6,654.57                   | -2,027.54         | 286.65            | 2,045.54                     | 1.90                         | -1.87                       | -1.25                      |  |
| 7,088.00                   | 12.20                  | 178.70             | 6,747.18                   | -2,048.65         | 287.42            | 2,066.63                     | 1.41                         | -1.37                       | 1.58                       |  |
| 7,183.00                   | 11.20                  | 179.70             | 6,840.21                   | -2,067.91         | 287.69            | 2,085.83                     | 1.07                         | -1.05                       | 1.05                       |  |
| 7,278.00                   | 10.20                  | 179.90             | 6,933.56                   | -2,085.55         | 287.76            | 2,103.39                     | 1.05                         | -1.05                       | 0.21                       |  |
| 7,373.00                   | 8.70                   | 183.40             | 7,027.27                   | -2,101.13         | 287.35            | 2,118.87                     | 1.69                         | -1.58                       | 3.68                       |  |
| 7,468.00                   | 7.10                   | 186.20             | 7,121.36                   | -2,114.14         | 286.29            | 2,131.72                     | 1.73                         | -1.68                       | 2.95                       |  |
| 7,563.00                   | 5.90                   | 187.00             | 7,215.75                   | -2,124.82         | 285.06            | 2,142.24                     | 1.27                         | -1.26                       | 0.84                       |  |

# Halliburton Company

## Survey Report

|  |  |
|--|--|
| <b>Company:</b> ConocoPhillips Piceance Basin<br><b>Project:</b> Piceance Basin (Landmark)<br><b>Site:</b> PAD E16 596<br><b>Well:</b> CP13B-16 E16 596(phase one)<br><b>Wellbore:</b> Slot 8<br><b>Design:</b> CP13B-16 | <b>Local Co-ordinate Reference:</b> Well CP13B-16 E16 596(phase one) - Slot 8<br><b>TVD Reference:</b> RKB @ 8404.98ft (PD 631)<br><b>MD Reference:</b> RKB @ 8404.98ft (PD 631)<br><b>North Reference:</b> Grid<br><b>Survey Calculation Method:</b> Minimum Curvature<br><b>Database:</b> EDM 2003.16 Single User Db |
|--|--|

### Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 7,658.00            | 5.10            | 191.70      | 7,310.31            | -2,133.81  | 283.60     | 2,151.05              | 0.97                  | -0.84                | 4.95                |

### Targets

#### Target Name

| - hit/miss target  | Dip Angle (°) | Dip Dir. (°) | TVD (ft)  | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude         | Longitude         |
|--|---------------|--------------|-----------|------------|------------|---------------|--------------|------------------|-------------------|
| - Shape  |               |              |           |            |            |               |              |                  |                   |
| CP13B-16 Tg  | 0.00          | 0.00         | 6,763.99  | -2,108.70  | 199.87     | 112,416.66    | 1,244,521.47 | 39° 36' 38.101 N | 108° 10' 54.072 W |
| - survey misses by 103.61ft at 7116.38ft MD (6774.93 TVD, -2054.57 N, 287.54 E)  |               |              |           |            |            |               |              |                  |                   |
| - Circle (radius 100.00)   |               |              |           |            |            |               |              |                  |                   |
| CP13B-16 TD  | 0.00          | 0.00         | 11,568.98 | -2,108.77  | 199.87     | 112,416.60    | 1,244,521.47 | 39° 36' 38.100 N | 108° 10' 54.072 W |
| - survey misses by 4259.56ft at 7658.00ft MD (7310.31 TVD, -2133.81 N, 283.60 E) |               |              |           |            |            |               |              |                  |                   |
| - Circle (radius 100.00)   |               |              |           |            |            |               |              |                  |                   |

### Casing Points

| Measured Depth (ft) | Vertical Depth (ft) | Name   | Casing Diameter (in) | Hole Diameter (in) |
|---------------------|---------------------|--------|----------------------|--------------------|
| 120.00              | 120.00              | 20"    | 20.000               | 26.000             |
| 2,311.00            | 2,224.35            | 9 5/8" | 9.625                | 12.250             |

### Formations

| Measured Depth (ft) | Vertical Depth (ft) | Name          | Lithology         | Dip (°) | Dip Direction (°) |
|---------------------|---------------------|---------------|-------------------|---------|-------------------|
| 3,430.12            | 3,289.00            | Wasatch       | Sandstone, Fine   | 0.00    |                   |
| 7,357.55            | 7,012.00            | Williams Fork | Sandstone, Coarse | 0.00    |                   |
|                     | 9,717.00            | Rollins       | Sandstone         | 0.00    |                   |
| 6,969.77            | 6,632.00            | Ohio Creek    | SANDY SHALE       | 0.00    |                   |
| 5,678.79            | 5,399.00            | Wasatch G     | Sandstone, Shaly  | 0.00    |                   |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|



# sperry-sun

## DRILLING SERVICES

### Daily Drilling Report

Customer : Conoco/Phillips  
 Well Name : CP13B-16  
 Field : Piceance Basin  
 Slot : CP13B-16 E16 596 (phase one)  
 Rig : 631  
 Job # : CA-MJ-0005216257

#### CURRENT STATUS Report # 24 8/18/2007

|                            |       |                        |         |                 |                                     |
|----------------------------|-------|------------------------|---------|-----------------|-------------------------------------|
| Total Depth (ft) :         | 7588  | Casing Depth (ft) :    | 2313.00 | Operator Reps : | Clifford Sheehan, Chris Barnhill    |
| Drilled last 24 hrs (ft) : | 1112  | Casing Diameter (in) : | 9.626   | SSDS Reps :     | R Sledge (16), Charlie Brister (23) |
| Hole Size (in) :           | 8.750 | Casing ID (in) :       | 8.921   |                 |                                     |

#### LAST SURVEY

| Depth (ft) | Inclination | Azimuth | TVD (ft) | Displ (ft) | Direction |
|------------|-------------|---------|----------|------------|-----------|
| 7563.00    | 5.90        | 187.00  | 7216.16  | 2142.65    | S07.68E   |

#### LAST FORMATION TOP

| Formation Name | MD Top (ft) | TVD Top (ft) |
|----------------|-------------|--------------|
| Williams Fork  | 7214.00     | 6871.05      |

#### BHA SUMMARY

BHA 7: 964.23 ft; Bit #7 (63.75 hrs), PDM # (70. hrs), Stab, Sub, DC, Sub, Sub, DC, Sub, Sub, 15x HWDP, Jar, 12x HWDP

#### MUD DATA

| Type           | Weight (ppg) | FV (sec) | PV (cp) | YP (lb/100ft <sup>2</sup> ) | Gels       | Fluid Loss | pH  | Solids (%) | Sand (%) | Oil (%) |
|----------------|--------------|----------|---------|-----------------------------|------------|------------|-----|------------|----------|---------|
| Gel/Freshwater | 9.7          | 65       | 45      | 25.0                        | 5.0 / 15.0 | 5          | 9.7 | 7.70       | 0.45     | 0.00    |

#### TIME BREAKDOWN

| From  | To    | Hours | TMD (ft) | BHA # | Activity    |
|-------|-------|-------|----------|-------|-------------|
| 00:00 | 11:30 | 11.50 | 6859.00  | 7     | Drilling    |
| 11:30 | 12:00 | 0.50  | 6859.00  | 7     | Service Rig |
| 12:00 | 20:30 | 8.50  | 7437.00  | 7     | Drilling    |
| 20:30 | 21:00 | 0.50  | 7437.00  | 7     | Service Rig |
| 21:00 | 00:00 | 3.00  | 7588.00  | 7     | Drilling    |

#### COMMENTS

Daily Cost: \$ 10,138.00  
 Cumulative: \$290,571.00

Customer : Conoco/Phillips  
Well Name : CP13B-16  
Rig : 631  
Surveys for BHA 7

Field : Piceance Basin  
Slot : CP13B-16 E16 596 (phase one)  
Job # : CA-MJ-0005216257  
North Ref : Grid Declination : 10.99° VS Dir : 174.59° (from Wellhead)

| WELLBORE SURVEY     |                  |               |                     |                       |             |       |              |                     |                    | DRILLING PARAMETERS |     |                 |                  |             |      |                 |             |             |         |
|---------------------|------------------|---------------|---------------------|-----------------------|-------------|-------|--------------|---------------------|--------------------|---------------------|-----|-----------------|------------------|-------------|------|-----------------|-------------|-------------|---------|
| Measured Depth (ft) | Incl Angle (deg) | Azi Dir (deg) | Vertical Depth (ft) | Vertical Section (ft) | Coordinates |       | DLS (°/100") | Build Rate (°/100") | Turn Rate (°/100") | WOB (lbs)           | RPM | Flow Rate (gpm) | Stand Pipe (psi) | Orientation |      | Tool Face (deg) | ROP (ft/hr) | BHA No. (#) | Comment |
| 5762.00             | 18.70            | 174.80        | 5478.1              | 1684.1                | -1667.5     | 255.2 | 0.81         | -0.73               | 1.09               | 7                   |     | 427             | 1650             | 5736        | 5743 | HS              | 40          | 7           |         |
| 5854.00             | 18.40            | 175.60        | 5565.3              | 1713.4                | -1696.6     | 257.7 | 0.43         | -0.33               | 0.87               | 9                   | 60  | 363             | 1388             | 5762        | 5776 | HS              | 75          | 7           |         |
| 5949.00             | 17.70            | 174.30        | 5655.6              | 1742.8                | -1725.9     | 260.2 | 0.85         | -0.74               | -1.37              | 7                   |     | 390             | 1650             | 5826        | 5836 | HS              |             | 7           |         |
| 6043.00             | 16.50            | 175.10        | 5745.5              | 1770.4                | -1753.5     | 262.8 | 1.30         | -1.28               | 0.85               | 7                   |     | 390             | 1650             | 5842        | 5852 | HS              |             | 7           |         |
| 6139.00             | 17.30            | 175.10        | 5837.3              | 1798.3                | -1781.3     | 265.2 | 0.83         | 0.83                | 0.00               | 7                   |     | 390             | 1650             | 5926        | 5949 | HS              | 6           | 7           |         |
| 6233.00             | 17.10            | 174.20        | 5927.1              | 1826.1                | -1808.9     | 267.8 | 0.35         | -0.21               | -0.96              | 14                  | 60  | 390             | 1650             | 5949        | 5970 | HS              | 6           | 7           |         |
| 6326.00             | 17.20            | 172.10        | 6016.0              | 1853.5                | -1836.2     | 271.1 | 0.67         | 0.11                | -2.26              |                     |     | 390             | 1650             | 6011        | 6043 | HS              |             | 7           |         |
| 6422.00             | 17.80            | 172.00        | 6107.6              | 1882.4                | -1864.8     | 275.0 | 0.63         | 0.62                | -0.10              |                     |     | 396             | 1650             | 6043        | 6070 | HS              |             | 7           |         |
| 6516.00             | 17.50            | 173.40        | 6197.1              | 1910.9                | -1893.0     | 278.7 | 0.55         | -0.32               | 1.49               | 14                  | 60  | 390             | 1760             | 6102        | 6139 | HS              | 50          | 7           |         |
| 6611.00             | 16.70            | 173.40        | 6287.9              | 1938.8                | -1920.8     | 281.9 | 0.84         | -0.84               | 0.00               |                     |     | 396             | 1650             | 6202        | 6212 | HS              |             | 7           |         |
| 6707.00             | 17.20            | 176.00        | 6379.8              | 1966.8                | -1948.6     | 284.5 | 0.95         | 0.52                | 2.71               | 4                   |     | 396             | 1650             | 6216        | 6226 | HS              |             | 7           |         |
| 6801.00             | 16.60            | 177.70        | 6469.7              | 1994.1                | -1975.9     | 286.0 | 0.83         | -0.64               | 1.81               | 14                  | 60  | 390             | 1760             | 6286        | 6316 | HS              | 50          | 7           |         |
| 6898.00             | 15.30            | 178.40        | 6563.0              | 2020.7                | -2002.6     | 286.9 | 1.35         | -1.34               | 0.72               | 14                  | 60  | 390             | 1760             | 6351        | 6386 | HS              | 15          | 7           |         |
| 6993.00             | 13.50            | 177.20        | 6655.0              | 2044.3                | -2026.2     | 287.8 | 1.92         | -1.89               | -1.26              | 14                  | 60  | 390             | 1760             | 6393        | 6409 | HS              |             | 7           |         |
| 7088.00             | 12.20            | 178.70        | 6747.6              | 2065.4                | -2047.3     | 288.5 | 1.41         | -1.37               | 1.58               | 14                  | 60  | 390             | 1760             | 6422        | 6432 | HS              | 50          | 7           |         |
| 7183.00             | 11.20            | 179.70        | 6840.6              | 2084.6                | -2066.5     | 288.8 | 1.07         | -1.05               | 1.05               | 4                   |     | 396             | 1650             | 6437        | 6441 | HS              |             | 7           |         |
| 7278.00             | 10.20            | 179.90        | 6934.0              | 2102.1                | -2084.2     | 288.9 | 1.05         | -1.05               | 0.21               | 14                  | 60  | 390             | 1760             | 6448        | 6454 | HS              |             | 7           |         |
| 7373.00             | 8.70             | 183.40        | 7027.7              | 2117.6                | -2099.8     | 288.5 | 1.69         | -1.58               | 3.68               | 14                  | 60  | 390             | 1760             | 6610        | 6611 | 45R             | 5           | 7           |         |
| 7468.00             | 7.10             | 186.20        | 7121.8              | 2130.5                | -2112.8     | 287.4 | 1.73         | -1.68               | 2.95               | 14                  | 60  | 390             | 1760             | 6611        | 6616 | 45R             | 12          | 7           |         |
| 7563.00             | 5.90             | 187.00        | 7216.2              | 2141.0                | -2123.5     | 286.2 | 1.27         | -1.26               | 0.84               | 14                  | 60  | 390             | 1760             | 6686        | 6707 | 45R             |             | 7           |         |
|                     |                  |               |                     |                       |             |       |              |                     |                    |                     |     |                 |                  | 6707        | 6712 | 45R             | 40          | 7           |         |



**Customer :** Conoco/Phillips  
**Well Name :** CP13B-16  
**Rig :** 631  
Surveys for BHA 7

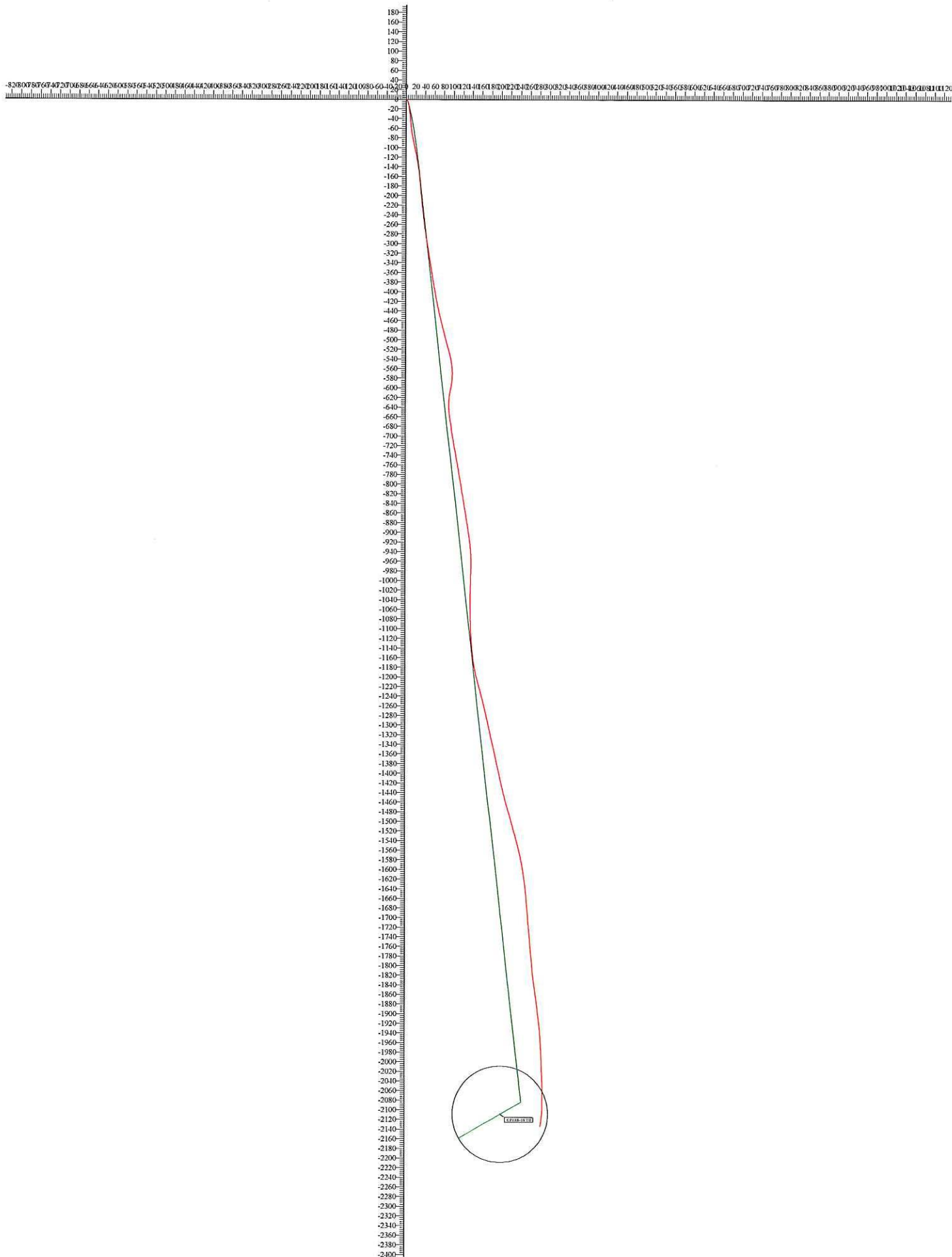
**Field :** Piceance Basin  
**Slot :** CP13B-16 E16 596 (phase one)  
**Job #:** CA-MJ-0005216257  
**VS Dir :** 10.99° VS Dir : 174.59° (from Wellhead)

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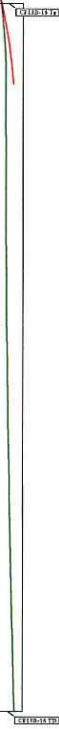
[illegible]

West(-)/East(+) [ft]

South(-)/North(+) [ft]



True Vertical Depth [ft]



Vertical Section at 174.59° [N]