

WPX ENERGY ROCKY MOUNTAIN LLC-EBUS  
DO NOT MAIL - ACH-43241  
TULSA, Oklahoma

RWF 312-25

**CYCLONE 17**

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 01/18/2014  
Version: 1

Service Supervisor: ARNOLD, EDWARD

Submitted by: Grand Junction Cement Engineering

**HALLIBURTON**

*The Road to Excellence Starts with Safety*

|                                              |                           |                                 |                          |
|----------------------------------------------|---------------------------|---------------------------------|--------------------------|
| Sold To #: 300721                            | Ship To #: 3276964        | Quote #:                        | Sales Order #: 901016921 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS |                           | Customer Rep:                   |                          |
| Well Name: RWF                               | Well #: 312-25            | API/UWI #:                      |                          |
| Field: RULISON                               | City (SAP): RIFLE         | County/Parish: Garfield         | State: Colorado          |
| Contractor: CYCLONE 17                       | Rig/Platform Name/Num: 17 |                                 |                          |
| Job Purpose: Cement Surface Casing           |                           |                                 |                          |
| Well Type: Development Well                  |                           | Job Type: Cement Surface Casing |                          |
| Sales Person: MAYO, MARK                     |                           | Srvc Supervisor: ARNOLD, EDWARD | MBU ID Emp #: 439784     |

**Job Personnel**

| HES Emp Name           | Exp Hrs | Emp #  | HES Emp Name    | Exp Hrs | Emp #  | HES Emp Name              | Exp Hrs | Emp #  |
|------------------------|---------|--------|-----------------|---------|--------|---------------------------|---------|--------|
| ARNOLD, EDWARD<br>John | 8.5     | 439784 | BROWN, TRAVIS A | 8.5     | 396848 | ROBINSON, JAMES<br>Daniel | 8.5     | 560123 |
| WOLFE, JON P           | 8.5     | 485217 |                 |         |        |                           |         |        |

**Equipment**

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10616651C  | 60 mile        | 10867304   | 60 mile        | 11259882   | 60 mile        | 11360871   | 60 mile        |
| 11808827   | 60 mile        |            |                |            |                |            |                |

**Job Hours**

| Date       | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|------------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 2014-01-05 | 8.5               | 3               |      |                   |                 |      |                   |                 |

**TOTAL** Total is the sum of each column separately

**Job**

**Job Times**

| Formation Name         | Top      | Bottom            | Called Out    | Date            | Time  | Time Zone |
|------------------------|----------|-------------------|---------------|-----------------|-------|-----------|
| Formation Depth (MD)   |          |                   | On Location   | 04 - Jan - 2014 | 23:30 | MST       |
| Form Type              |          | BHST              | On Location   | 05 - Jan - 2014 | 03:00 | MST       |
| Job depth MD           | 1170. ft | Job Depth TVD     | Job Started   | 05 - Jan - 2014 | 09:36 | MST       |
| Water Depth            |          | Wk Ht Above Floor | Job Completed | 05 - Jan - 2014 | 10:32 | MST       |
| Perforation Depth (MD) | From     | To                | Departed Loc  | 05 - Jan - 2014 | 11:30 | MST       |

**Well Data**

| Description | New / Used | Max pressure psig | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft |
|-------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
|             |            |                   |         |       |               |        |       |           |              |            |               |

**Tools and Accessories**

| Type         | Size | Qty | Make | Depth | Type        | Size | Qty | Make | Depth | Type           | Size   | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|--------|-----|------|
| Guide Shoe   |      |     |      |       | Packer      |      |     |      |       | Top Plug       | 9 5/8" | 1   | HES  |
| Float Shoe   |      |     |      |       | Bridge Plug |      |     |      |       | Bottom Plug    |        |     |      |
| Float Collar |      |     |      |       | Retainer    |      |     |      |       | SSR plug set   |        |     |      |
| Insert Float |      |     |      |       |             |      |     |      |       | Plug Container | 9 5/8" | 1   | HES  |
| Stage Tool   |      |     |      |       |             |      |     |      |       | Centralizers   |        |     |      |

**Miscellaneous Materials**

| Gelling Agt   | Conc | Surfactant | Conc | Acid Type | Qty  | Conc % |
|---------------|------|------------|------|-----------|------|--------|
| Treatment Fld | Conc | Inhibitor  | Conc | Sand Type | Size | Qty    |

**Fluid Data**

**Stage/Plug #: 1**

| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density lbm/gal | Yield ft <sup>3</sup> /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
|---------|------------|------------|-----|---------|------------------------|---------------------------|------------------|--------------|------------------------|
|         |            |            |     |         |                        |                           |                  |              |                        |

**Stage/Plug #: 1**

| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density uom | Yield uom | Mix Fluid uom | Rate uom | Total Mix Fluid uom |
|---------|------------|------------|-----|---------|--------------------|-----------|---------------|----------|---------------------|
|         |            |            |     |         |                    |           |               |          |                     |

| Stage/Plug #: 1                          |                          |                              |           |                                   |                        |                           |                  |              |                        |  |
|------------------------------------------|--------------------------|------------------------------|-----------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|--|
| Fluid #                                  | Stage Type               | Fluid Name                   | Qty       | Qty uom                           | Mixing Density lbm/gal | Yield ft <sup>3</sup> /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |  |
| 1                                        | Fresh Water Spacer       |                              | 20.00     | bbl                               | .                      | .0                        | .0               | 4            |                        |  |
| 2                                        | VariCem GJ! Lead Cement  | VARICEM (TM) CEMENT (452009) | 160.0     | sacks                             | 12.3                   | 2.38                      | 13.75            | 7.5          | 13.75                  |  |
| 13.75 Gal                                |                          | FRESH WATER                  |           |                                   |                        |                           |                  |              |                        |  |
| 3                                        | VariCem GJ1 Tail Cement  | VARICEM (TM) CEMENT (452009) | 160.0     | sacks                             | 12.8                   | 2.11                      | 11.75            | 7.5          | 11.75                  |  |
| 11.75 Gal                                |                          | FRESH WATER                  |           |                                   |                        |                           |                  |              |                        |  |
| 4                                        | Fresh Water Displacement |                              | 86.00     | bbl                               | .                      | .0                        | .0               | 10           |                        |  |
| Calculated Values                        |                          |                              | Pressures |                                   |                        | Volumes                   |                  |              |                        |  |
| Displacement                             | 86.8                     | Shut In: Instant             |           | Lost Returns                      |                        | Cement Slurry             | 127.9            | Pad          |                        |  |
| Top Of Cement                            | SURFACE                  | 5 Min                        |           | Cement Returns                    | 18                     | Actual Displacement       | 86.8             | Treatment    |                        |  |
| Frac Gradient                            |                          | 15 Min                       |           | Spacers                           | 20                     | Load and Breakdown        |                  | Total Job    | 234.7                  |  |
| Rates                                    |                          |                              |           |                                   |                        |                           |                  |              |                        |  |
| Circulating                              | RIG                      | Mixing                       | 7.5       | Displacement                      | 10                     | Avg. Job                  | 8                |              |                        |  |
| Cement Left In Pipe                      | Amount                   | 45.8FT                       | Reason    | Shoe Joint                        |                        |                           |                  |              |                        |  |
| Frac Ring # 1 @                          | ID                       | Frac ring # 2 @              | ID        | Frac Ring # 3 @                   | ID                     | Frac Ring # 4 @           | ID               |              |                        |  |
| The Information Stated Herein Is Correct |                          |                              |           | Customer Representative Signature |                        |                           |                  |              |                        |  |

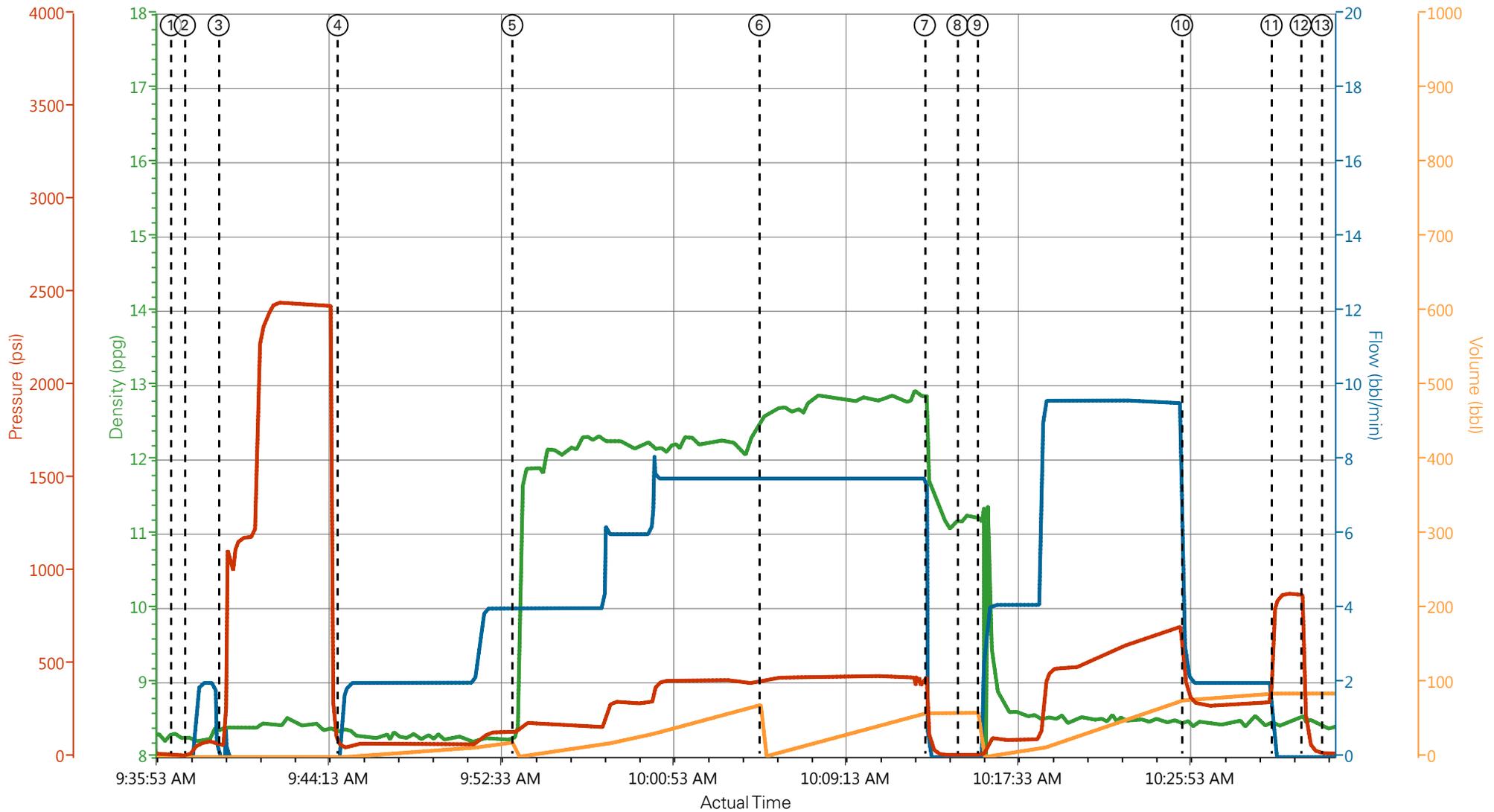
*The Road to Excellence Starts with Safety*

|                                                     |                           |                                        |                                 |
|-----------------------------------------------------|---------------------------|----------------------------------------|---------------------------------|
| <b>Sold To #:</b> 300721                            | <b>Ship To #:</b> 3276964 | <b>Quote #:</b>                        | <b>Sales Order #:</b> 901016921 |
| <b>Customer:</b> WPX ENERGY ROCKY MOUNTAIN LLC-EBUS |                           | <b>Customer Rep:</b>                   |                                 |
| <b>Well Name:</b> RWF                               |                           | <b>Well #:</b> 312-25                  | <b>API/UWI #:</b>               |
| <b>Field:</b> RULISON                               | <b>City (SAP):</b> RIFLE  | <b>County/Parish:</b> Garfield         | <b>State:</b> Colorado          |
| <b>Legal Description:</b>                           |                           |                                        |                                 |
| <b>Lat:</b>                                         |                           | <b>Long:</b>                           |                                 |
| <b>Contractor:</b> CYCLONE 17                       |                           | <b>Rig/Platform Name/Num:</b> 17       |                                 |
| <b>Job Purpose:</b> Cement Surface Casing           |                           |                                        | <b>Ticket Amount:</b>           |
| <b>Well Type:</b> Development Well                  |                           | <b>Job Type:</b> Cement Surface Casing |                                 |
| <b>Sales Person:</b> MAYO, MARK                     |                           | <b>Srvc Supervisor:</b> ARNOLD, EDWARD | <b>MBU ID Emp #:</b> 439784     |

| Activity Description                  | Date/Time           | Cht # | Rate bbl/min | Volume bbl |       | Pressure psig |        | Comments                                                                                                         |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|------------------------------------------------------------------------------------------------------------------|
|                                       |                     |       |              | Stage      | Total | Tubing        | Casing |                                                                                                                  |
| Call Out                              | 01/04/2014<br>23:30 |       |              |            |       |               |        |                                                                                                                  |
| Pre-Convoy Safety Meeting             | 01/05/2014<br>01:15 |       |              |            |       |               |        | Including entire cement crew.                                                                                    |
| Crew Leave Yard                       | 01/05/2014<br>01:30 |       |              |            |       |               |        |                                                                                                                  |
| Arrive At Loc                         | 01/05/2014<br>03:00 |       |              |            |       |               |        | Rig pulling drill pipe.                                                                                          |
| Assessment Of Location Safety Meeting | 01/05/2014<br>08:00 |       |              |            |       |               |        | Water; PH 7; KCL 200; So4 <200; Fe 3; Calcium 120; Chlorides 0; Temp 50.                                         |
| Pre-Rig Up Safety Meeting             | 01/05/2014<br>08:15 |       |              |            |       |               |        | Including entire cement crew.                                                                                    |
| Rig-Up Equipment                      | 01/05/2014<br>08:45 |       |              |            |       |               |        | 1 Elite # 4; 1 660 bulk truck; 1 hard line to floor; 1 line to upright; 1 line to rig tank. 9.625" compact head. |
| Rig-Up Completed                      | 01/05/2014<br>09:15 |       |              |            |       |               |        |                                                                                                                  |
| Pre-Job Safety Meeting                | 01/05/2014<br>09:20 |       |              |            |       |               |        | Including everyone on location.                                                                                  |
| Start Job                             | 01/05/2014<br>09:36 |       |              |            |       |               |        | TD 1170; TP 1149.2; SJ 45.9; OH 13 1/2"; Casing 9.625" 32.3# H-40; Mud 9.5 ppg.                                  |
| Pump Water                            | 01/05/2014<br>09:37 |       | 2            | 2          |       |               | 90.0   | Fill lines with fresh water.                                                                                     |
| Test Lines                            | 01/05/2014<br>09:39 |       |              |            |       | 2430.0        |        | Good pressure test, no leaks.                                                                                    |
| Pump Spacer 1                         | 01/05/2014<br>09:44 |       | 4            | 20         |       |               | 135.0  | 20 BBL fresh water spacer.                                                                                       |
| Pump Lead Cement                      | 01/05/2014<br>09:53 |       | 7.5          | 67.8       |       |               | 411.0  | 160 sks Lead Cement, 12.3 ppg, 2.38 cf3, 13.75 gal/sk.                                                           |

| Activity Description        | Date/Time           | Cht # | Rate bbl/min | Volume bbl |       | Pressure psig |        | Comments                                                           |
|-----------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|--------------------------------------------------------------------|
|                             |                     |       |              | Stage      | Total | Tubing        | Casing |                                                                    |
| Pump Tail Cement            | 01/05/2014<br>10:05 |       | 7.5          | 60.1       |       |               | 435.0  | 160 sks Tail Cement, 12.8 ppg, 2.11 cf3, 11.75 gal/sk.             |
| Shutdown                    | 01/05/2014<br>10:13 |       |              |            |       |               |        |                                                                    |
| Drop Plug                   | 01/05/2014<br>10:14 |       |              |            |       |               |        | Plug left container.                                               |
| Pump Displacement           | 01/05/2014<br>10:15 |       |              | 76.8       |       |               | 710.0  | Fresh water displacement.                                          |
| Slow Rate                   | 01/05/2014<br>10:25 |       |              | 10         |       |               | 290.0  | Slow rate last 10 BBL's of displacement prior to bumping the plug. |
| Bump Plug                   | 01/05/2014<br>10:29 |       |              |            | 86.8  |               | 875.0  | Bumped plug, took 500 PSI over.                                    |
| Check Floats                | 01/05/2014<br>10:31 |       |              |            |       |               |        | Floats held, 1/2 BBL back. 18 bbl.'s good cement to surface.       |
| End Job                     | 01/05/2014<br>10:32 |       |              |            |       |               |        |                                                                    |
| Pre-Rig Down Safety Meeting | 01/05/2014<br>10:35 |       |              |            |       |               |        | Including entire cement crew.                                      |
| Rig-Down Equipment          | 01/05/2014<br>10:40 |       |              |            |       |               |        |                                                                    |
| Rig-Down Completed          | 01/05/2014<br>11:20 |       |              |            |       |               |        |                                                                    |
| Pre-Convoy Safety Meeting   | 01/05/2014<br>11:25 |       |              |            |       |               |        | Including entire cement crew.                                      |
| Crew Leave Location         | 01/05/2014<br>11:30 |       |              |            |       |               |        | Crew leave location for Service Center or another location.        |
| Other                       | 01/05/2014<br>11:30 |       |              |            |       |               |        | Thank You for using Halliburton. Ed Arnold and Crew.               |

# WPX - RWF 312-25 - 9 5/8" SURFACE



DH Density (ppg) 8.4    Comb Pump Rate (bbl/min) 0    PS Pump Press (psi) 17    Pump Stg Tot (bbl) 85.6

- ① Start Job 8.31;0;11;0    ④ Pump Spacer 18.37;0;57;0    ⑦ Shutdown 12.32;0;161;59.7    ⑩ Slow Rate 8.47;2.7;409;77    ⑬ End Job 8.38;0;20;85.6
- ② Prime Pumps 8.29;0;10;0    ⑤ Pump Lead Cement 8.25;4;135;0.1    ⑧ Drop Plug 11.15;0;12;59.7    ⑪ Bump Plug 8.46;0;800;85.6
- ③ Test Lines 8.42;0;65;1.9    ⑥ Pump Tail Cement 12.54;7.5;418;0.1    ⑨ Pump Displacement 11.16;0;13;0    ⑫ Check Floats 8.45;0;624;85.6

**HALLIBURTON** | iCem® Service

Created: 2014-01-05 06:42:08, Version: 3.0.121

[Edit](#)

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 1/5/2014 9:06:14 AM

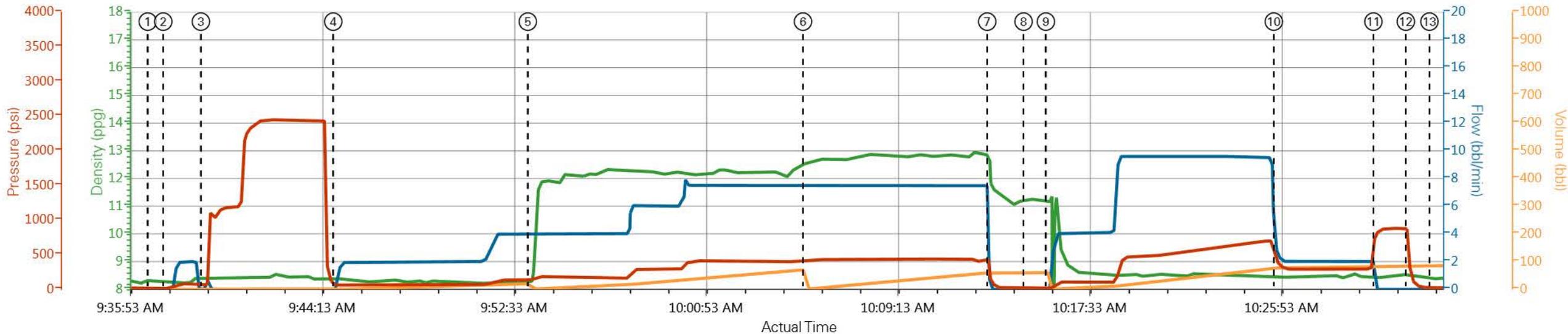
Well: RWF 312-25

Representative: MIKE BRUNK

Sales Order #: 901016921

ELITE #4 : ED ARNOLD / TRAVIS BROWN

# WPX - RWF 312-25 - 9 5/8" SURFACE



DH Density (ppg) 8.41    Comb Pump Rate (bbl/min) 0    PS Pump Press (psi) 17    Pump Stg Tot (bbl) 85.6

- ① Start Job 8.31;0;11;0    ④ Pump Spacer 18.37;0;57;0    ⑦ Shutdown 12.32;0;161;59.7    ⑩ Slow Rate 8.47;2.7;409;77    ⑬ End Job 8.38;0;20;85.6
- ② Prime Pumps 8.29;0;10;0    ⑤ Pump Lead Cement 8.25;4;135;0.1    ⑧ Drop Plug 11.15;0;12;59.7    ⑪ Bump Plug 8.46;0;800;85.6
- ③ Test Lines 8.42;0;65;1.9    ⑥ Pump Tail Cement 12.54;7.5;418;0.1    ⑨ Pump Displacement 11.16;0;13;0    ⑫ Check Floats 8.45;0;624;85.6

**HALLIBURTON** | iCem® Service

Created: 2014-01-05 06:42:08, Version: 3.0.121

[Edit](#)

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 1/5/2014 9:06:14 AM

Well: RWF 312-25

Representative: MIKE BRUNK

Sales Order #: 901016921

ELITE #4: ED ARNOLD / TRAVIS BROWN

# HALLIBURTON

## Water Analysis Report

Company: wpx Date: 1/5/2014  
Submitted by: ed arnold Date Rec.: 1/5/2014  
Attention: \_\_\_\_\_ S.O.#: 901016921  
Lease: rwf Job Type: surface  
Well #: 312-25

|                             |                          |                   |
|-----------------------------|--------------------------|-------------------|
| Specific Gravity            | <i>MAX</i>               | <b>1</b>          |
| pH                          | <i>8</i>                 | <b>7</b>          |
| Potassium (K)               | <i>5000</i>              | <b>200</b> Mg / L |
| Calcium (Ca)                | <i>500</i>               | <b>120</b> Mg / L |
| Iron (FE2)                  | <i>300</i>               | <b>0</b> Mg / L   |
| Chlorides (Cl)              | <i>3000</i>              | <b>0</b> Mg / L   |
| Sulfates (SO <sub>4</sub> ) | <i>1500</i> < <b>200</b> | <b>0</b> Mg / L   |
| Chlorine (Cl <sub>2</sub> ) |                          | <b>0</b> Mg / L   |
| Temp                        | <i>40-80</i>             | <b>50</b> Deg     |
| Total Dissolved Solids      |                          | <b>0</b> Mg / L   |

Respectfully: ED ARNOLD  
Title: CEMENTING SUPERVISOR  
Location: Grand Junction, CO

NOTICE: This report is limited to the described sample tested. Any person using or relying on this report agrees that Halliburton shall not be liable for any loss or damage whether due to act or omission resulting from such report or its use

|                                                        |                                                  |                                                                   |
|--------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------|
| <b>Sales Order #:</b><br>901016921                     | <b>Line Item:</b><br>10                          | <b>Survey Conducted Date:</b><br>1/5/2014                         |
| <b>Customer:</b><br>WPX ENERGY ROCKY MOUNTAIN LLC-EBUS |                                                  | <b>Job Type (BOM):</b><br>CMT SURFACE CASING BOM                  |
| <b>Customer Representative:</b>                        |                                                  | <b>API / UWI: (leave blank if unknown)</b><br>AFEYSUEZOJKGW2M0AAA |
| <b>Well Name:</b><br>RWF                               |                                                  | <b>Well Number:</b><br>312-25                                     |
| <b>Well Type:</b><br>Development Well                  | <b>Well Country:</b><br>United States of America |                                                                   |
| <b>H2S Present:</b>                                    | <b>Well State:</b><br>Colorado                   | <b>Well County:</b><br>Garfield                                   |

Dear Customer,

We hope that you were satisfied with the service quality of this job performed by Halliburton. It is the aim of our management and service personnel to deliver equipment and service of a standard unmatched in the service sector of the energy industry.

Please take the time to let us know if our performance met with your satisfaction. Please be as critical as possible to ensure we constantly improve our service. Your comments are of great value to us and are intended for the exclusive use of Halliburton.

### CUSTOMER SATISFACTION SURVEY

| CATEGORY                | CUSTOMER SATISFACTION RESPONSE                                 |                         |
|-------------------------|----------------------------------------------------------------|-------------------------|
| Survey Conducted Date   | The date the survey was conducted                              | 1/5/2014                |
| Survey Interviewer      | The survey interviewer is the person who initiated the survey. | EDWARD ARNOLD (HX46731) |
| Customer Participation  | Did the customer participate in this survey? (Y/N)             | No                      |
| Customer Representative | Enter the Customer representative name                         |                         |
| HSE                     | Was our HSE performance satisfactory? Circle Y or N            |                         |
| Equipment               | Were you satisfied with our Equipment? Circle Y or N           |                         |
| Personnel               | Were you satisfied with our people? Circle Y or N              |                         |
| Customer Comment        | Customer's Comment                                             |                         |

|                           |
|---------------------------|
| <b>CUSTOMER SIGNATURE</b> |
|---------------------------|

|                                                        |                                                  |                                                                   |
|--------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------|
| <b>Sales Order #:</b><br>901016921                     | <b>Line Item:</b><br>10                          | <b>Survey Conducted Date:</b><br>1/5/2014                         |
| <b>Customer:</b><br>WPX ENERGY ROCKY MOUNTAIN LLC-EBUS |                                                  | <b>Job Type (BOM):</b><br>CMT SURFACE CASING BOM                  |
| <b>Customer Representative:</b>                        |                                                  | <b>API / UWI: (leave blank if unknown)</b><br>AFEYSUEZOJKGW2M0AAA |
| <b>Well Name:</b><br>RWF                               |                                                  | <b>Well Number:</b><br>312-25                                     |
| <b>Well Type:</b><br>Development Well                  | <b>Well Country:</b><br>United States of America |                                                                   |
| <b>H2S Present:</b>                                    | <b>Well State:</b><br>Colorado                   | <b>Well County:</b><br>Garfield                                   |

### KEY PERFORMANCE INDICATORS

| General                           |          |
|-----------------------------------|----------|
| <b>Survey Conducted Date</b>      | 1/5/2014 |
| The date the survey was conducted |          |

| Cementing KPI Survey                                                                                                                                                        |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>Type of Job</b>                                                                                                                                                          | 0                       |
| Select the type of job. (Cementing or Non-Cementing)                                                                                                                        |                         |
| <b>Select the Maximum Deviation range for this Job</b>                                                                                                                      | Vertical                |
| What is the highest deviation for the job you just completed? This may not be the maximum well deviation.                                                                   |                         |
| <b>Total Operating Time (hours)</b>                                                                                                                                         | 3                       |
| Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.                                                                                         |                         |
| <b>HSE Incident, Accident, Injury</b>                                                                                                                                       | No                      |
| HSE Incident, Accident, Injury. This should be recordable incidents only.                                                                                                   |                         |
| <b>Was the job purpose achieved?</b>                                                                                                                                        | Yes                     |
| Was the job delivered correctly as per customer agreed design?                                                                                                              |                         |
| <b>Operating Hours (Pumping Hours)</b>                                                                                                                                      | 1                       |
| Total number of hours pumping fluid on this job. Enter in decimal format.                                                                                                   |                         |
| <b>Customer Non-Productive Rig Time (hrs)</b>                                                                                                                               | 0                       |
| Lost time due to Halliburton in the start, execution, or completion of an ordered service or product, or delays in a follow-on service. Enter in decimal format. 0 if none. |                         |
| <b>Type of Rig Classification Job Was Performed</b>                                                                                                                         | Drilling Rig (Portable) |
| Type Of Rig (classification) Job Was Performed On                                                                                                                           |                         |
| <b>Number Of JSAs Performed</b>                                                                                                                                             | 5                       |
| Number Of Jsas Performed                                                                                                                                                    |                         |
| <b>Number of Unplanned Shutdowns</b>                                                                                                                                        | 0                       |
| Unplanned shutdown is when injection stops for any period of time.                                                                                                          |                         |
| <b>Was this a Primary Cement Job (Yes / No)</b>                                                                                                                             | Yes                     |

|                                                        |                                                  |                                                                   |
|--------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------|
| <b>Sales Order #:</b><br>901016921                     | <b>Line Item:</b><br>10                          | <b>Survey Conducted Date:</b><br>1/5/2014                         |
| <b>Customer:</b><br>WPX ENERGY ROCKY MOUNTAIN LLC-EBUS |                                                  | <b>Job Type (BOM):</b><br>CMT SURFACE CASING BOM                  |
| <b>Customer Representative:</b>                        |                                                  | <b>API / UWI: (leave blank if unknown)</b><br>AFEYSUEZOJKGW2M0AAA |
| <b>Well Name:</b><br>RWF                               |                                                  | <b>Well Number:</b><br>312-25                                     |
| <b>Well Type:</b><br>Development Well                  | <b>Well Country:</b><br>United States of America |                                                                   |
| <b>H2S Present:</b>                                    | <b>Well State:</b><br>Colorado                   | <b>Well County:</b><br>Garfield                                   |

|                                                                                                                                                                                                                                  |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Primary Cement Job= Casing job, Liner job, or Tie-back job.                                                                                                                                                                      |     |
| <b>Did We Run Wiper Plugs?</b><br>Did We Run Top And Bottom Casing Wiper Plugs?                                                                                                                                                  | Top |
| <b>Mixing Density of Job Stayed in Designed Density Range (0-100%)</b><br>Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100       | 97  |
| <b>Was Automated Density Control Used?</b><br>Was Automated Density Control (ADC) Used ?                                                                                                                                         | Yes |
| <b>Pump Rate (percent) of Job Stayed At Designed Pump Rate</b><br>Pump Rate range defined as +/- 1bbl/min. Calculation: Total BBLs of fluid pumped at the designed rate divided by Total BBLs of fluid pumped, multiplied by 100 | 99  |
| <b>Nbr of Remedial Sqz Jobs Rqd - Competition</b><br>Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition                                                                                         | 0   |
| <b>Nbr of Remedial Plug Jobs Rqd - HES</b><br>Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES                                                                                                               | 0   |
| <b>Nbr of Remedial Sqz Jobs Rqd - HES</b><br>Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES                                                                                                         | 0   |