
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 443-23
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing **02-Feb-2013**

Post Job Summary

The Road to Excellence Starts with Safety

| | | | |
|---|---|-------------------------|--------------------------|
| Sold To #: 300721 | Ship To #: 2977961 | Quote #: | Sales Order #: 900180231 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | Customer Rep: Moore, Frank | | |
| Well Name: SG | Well #: 443-23 | API/UWI #: 05-045-21694 | |
| Field: GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.609 secs. | Long: W 108.07 deg. OR W -109 deg. 55 min. 46.402 secs. | | |
| Contractor: CYCLONE 17 | Rig/Platform Name/Num: CYCLONE 17 | | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | Job Type: Cement Surface Casing | | |
| Sales Person: MAYO, MARK | Srvc Supervisor: WYCKOFF, RYAN | MBU ID Emp #: 476117 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|---------------------|---------|--------|----------------|---------|--------|-------------------|---------|--------|
| ANDERSON, ADAM S | 0.0 | 456683 | BANKS, BRENT A | 0.0 | 371353 | LINN, PAUL Andrew | 0.0 | 479143 |
| WYCKOFF, RYAN Scott | 0.0 | 476117 | | | | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10616651C | 60 mile | 10784064 | 60 mile | 11006314 | 60 mile | 11583932 | 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 |
|------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| | | | | | | | | |

| | | | | | | | | |
|-------|--|--|--|--|--|--|--|--|
| 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 | | | |
| Form Type | | BHST | Job Started | 02 - Feb - 2013 | 09:33 | MST |
| Job depth MD | 1008. ft | Job Depth TVD | 1008. ft | Job Completed | 02 - Feb - 2013 | 10:23 |
| Water Depth | | Wk Ht Above Floor | 3. ft | Departed Loc | | |
| Perforation Depth (MD) | From | To | | | | |

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 |
|-------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
|-------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|

Sales/Rental/3rd Party (HES)

| Description | Qty | Qty uom | Depth | Supplier |
|--|-----|---------|-------|----------|
| PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA | 1 | EA | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | | | |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | | | |
| 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 ft3/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 lbm/gal | Yield ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| 1 | Fresh Water Spacer | | 20.00 | bbl | . | .0 | .0 | .0 | |
| 2 | Tail Cement | VERSACEM (TM) SYSTEM (452010) | 280.0 | sacks | 12.8 | 2.11 | 11.75 | | 11.75 |
| 3 | Fresh Water Displacement | | 78.00 | bbl | 8.33 | .0 | .0 | .0 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | | Shut In: Instant | | Lost Returns | | Cement Slurry | | Pad | |
| Top Of Cement | | 5 Min | | Cement Returns | | Actual Displacement | | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | | Load and Breakdown | | Total Job | |
| Rates | | | | | | | | | |
| Circulating | | Mixing | | Displacement | | Avg. Job | | | |
| Cement Left In Pipe | | Amount | 0 ft | 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

| | | | | | | | |
|--|--|------------------------------|--|--|--|---------------------------------|--|
| Sold To #: 300721 | | Ship To #: 2977961 | | Quote #: | | Sales Order #: 900180231 | |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | | | Customer Rep: Moore, Frank | | | |
| Well Name: SG | | | Well #: 443-23 | | | API/UWI #: 05-045-21694 | |
| Field: GRAND VALLEY | | City (SAP): PARACHUTE | | County/Parish: Garfield | | State: Colorado | |
| Legal Description: | | | | | | | |
| Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.609 secs. | | | | Long: W 108.07 deg. OR W -109 deg. 55 min. 46.402 secs. | | | |
| Contractor: CYCLONE 17 | | | Rig/Platform Name/Num: CYCLONE 17 | | | | |
| Job Purpose: Cement Surface Casing | | | | | | Ticket Amount: | |
| Well Type: Development Well | | | Job Type: Cement Surface Casing | | | | |
| Sales Person: MAYO, MARK | | | Srvc Supervisor: WYCKOFF, RYAN | | | MBU ID Emp #: 476117 | |

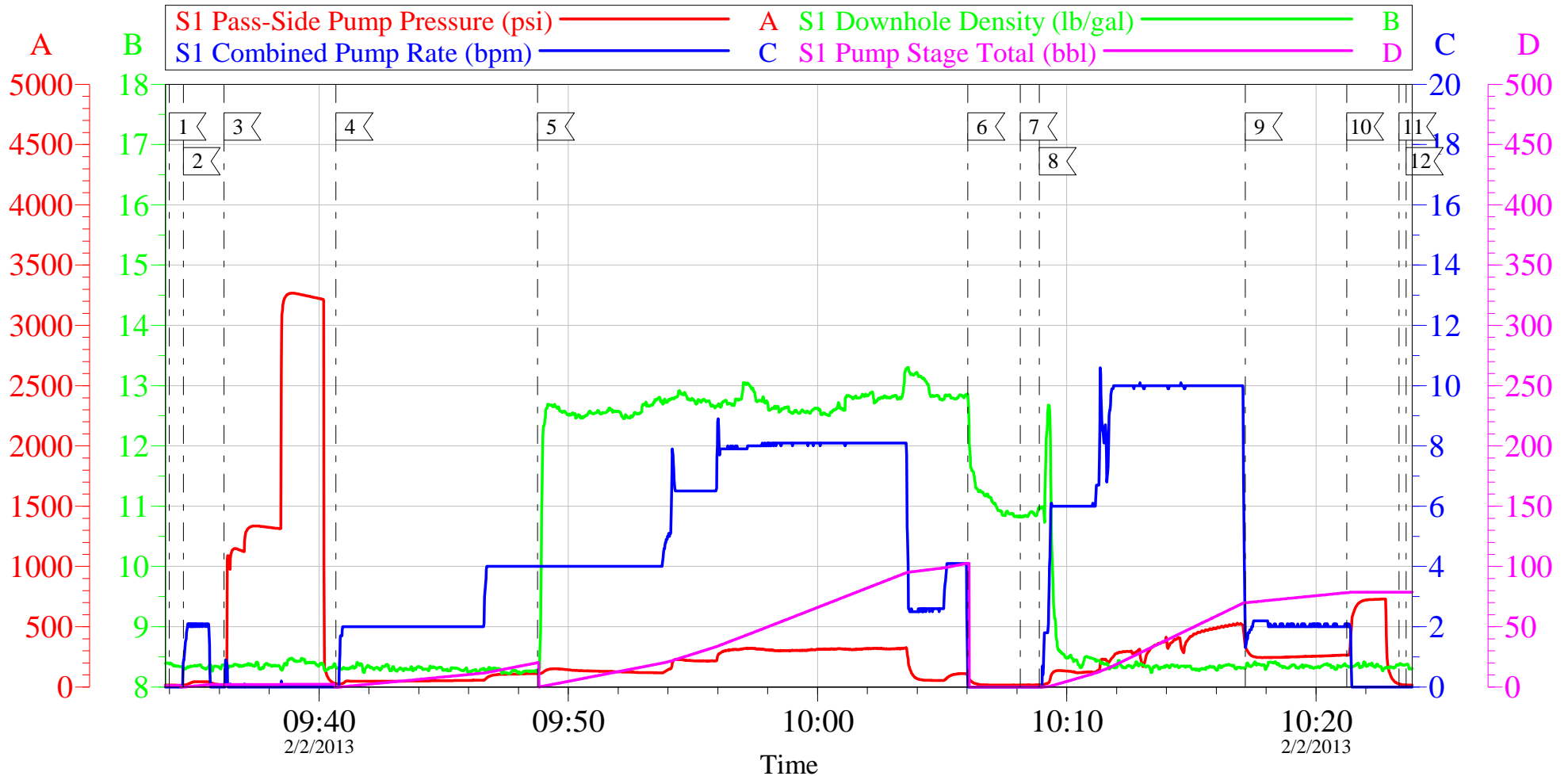
| Activity Description | Date/Time | Cht # | Rate bbl/ min | Volume bbl | | Pressure psig | | Comments |
|--|---------------------|----------|---------------------|---------------|-------|------------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 02/02/2013 03:00 | | | | | | | ELITE # 4 |
| Pre-Convoy Safety Meeting | 02/02/2013 03:10 | | | | | | | ALL HES EMPLOYEES |
| Arrive At Loc | 02/02/2013 05:30 | | | | | | | ARRIVE AT LOCATION AT 05:30, CASING CREW WAS RIGGING UP, WAITED OFF LOCATION UNTIL CASING WAS ON BOTTOM |
| Assessment Of Location Safety Meeting | 02/02/2013 05:45 | | | | | | | ALL HES EMPLOYEES |
| Pre-Rig Up Safety Meeting | 02/02/2013 08:00 | | | | | | | ALL HES EMPLOYEES |
| Rig-Up Equipment | 02/02/2013 08:15 | | | | | | | 1 HT 400 PUMP TRUCK (ELITE), 1-660 BULK TRUCK, 1 F-550 PICKUP |
| Pre-Job Safety Meeting | 02/02/2013 09:15 | | | | | | | ALL HES EMPLOYEES AND RIG CREW |
| Rig-Up Completed | 02/02/2013 09:20 | | | | | | | |
| Start Job | 02/02/2013 09:33 | | | | | | | TD 1050', TP 1007.81', CSG 9 5/8" 32.3#, SHOE 44.12', OH 13 1/2", MUD 10 PPG |
| Pressure Test | 02/02/2013 09:36 | | | | | 3267. 0 | | PRESSURE TEST PUMPS AND LINES TO 3000 PSI, TEST GOOD |
| Pump Spacer | 02/02/2013 09:40 | | 4 | 20 | 20 | | 111.0 | PUMP 20 BBLS FRESH WATER SPACER |
| Activity Description | Date/Time | Cht # | Rate bbl/ min | Volume bbl | | Pressure psig | | Comments |
| | | | | Stage | Total | Tubing | Casing | |

Cementing Job Log

| | | | | | | | | |
|-----------------------------|---------------------|--|----|-------|-------|--|-------|---|
| Pump Tail Cement | 02/02/2013 09:48 | | 8 | 105.2 | 105.2 | | 117.0 | 280SKS, 12.8 PPG, 2.11 YIELD, 11.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT |
| Shutdown | 02/02/2013 10:06 | | | | | | | |
| Drop Plug | 02/02/2013 10:08 | | | | | | | PLUG AWAY WITH NO ISSUES, WASH UP ON TOP OF PLUG AS PER COMPANY REP |
| Pump Displacement | 02/02/2013 10:08 | | 10 | 78.5 | 78.5 | | 468.0 | PUMP FRESH WATER DISPLACEMENT |
| Slow Rate | 02/02/2013 10:17 | | 2 | 68.5 | 68.5 | | 245.0 | SLOW RATE TO BUMP PLUG AS PER COMPANY REP |
| Bump Plug | 02/02/2013 10:21 | | 2 | 78.5 | 78.5 | | 722.0 | BUMP PLUG AT 245 PSI, PRESSURE UP TO 722 PSI |
| Check Floats | 02/02/2013 10:23 | | | | | | | CHECK FLOATS, FLOATS HELD .5 BBLS BACK TO DISPLACEMENT TANK, 20 BBLS OF CEMENT BACK TO SURFACE |
| End Job | 02/02/2013 10:23 | | | | | | | NO ADD HOURS, NO DERRICK CHARGE, 40# OF SUGAR |
| Pre-Rig Down Safety Meeting | 02/02/2013 10:45 | | | | | | | ALL HES EMPLOYEES |
| Rig-Down Equipment | 02/02/2013 10:55 | | | | | | | |
| Pre-Convoy Safety Meeting | 02/02/2013 11:50 | | | | | | | ALL HES EMPLOYEES |
| Crew Leave Location | 02/02/2013 12:00 | | | | | | | THANK YOU FOR USING HALLIBURTON CEMENT RYAN WYCKOFF AND CREW |

WPX SG 443-23

9 5/8" SURFACE



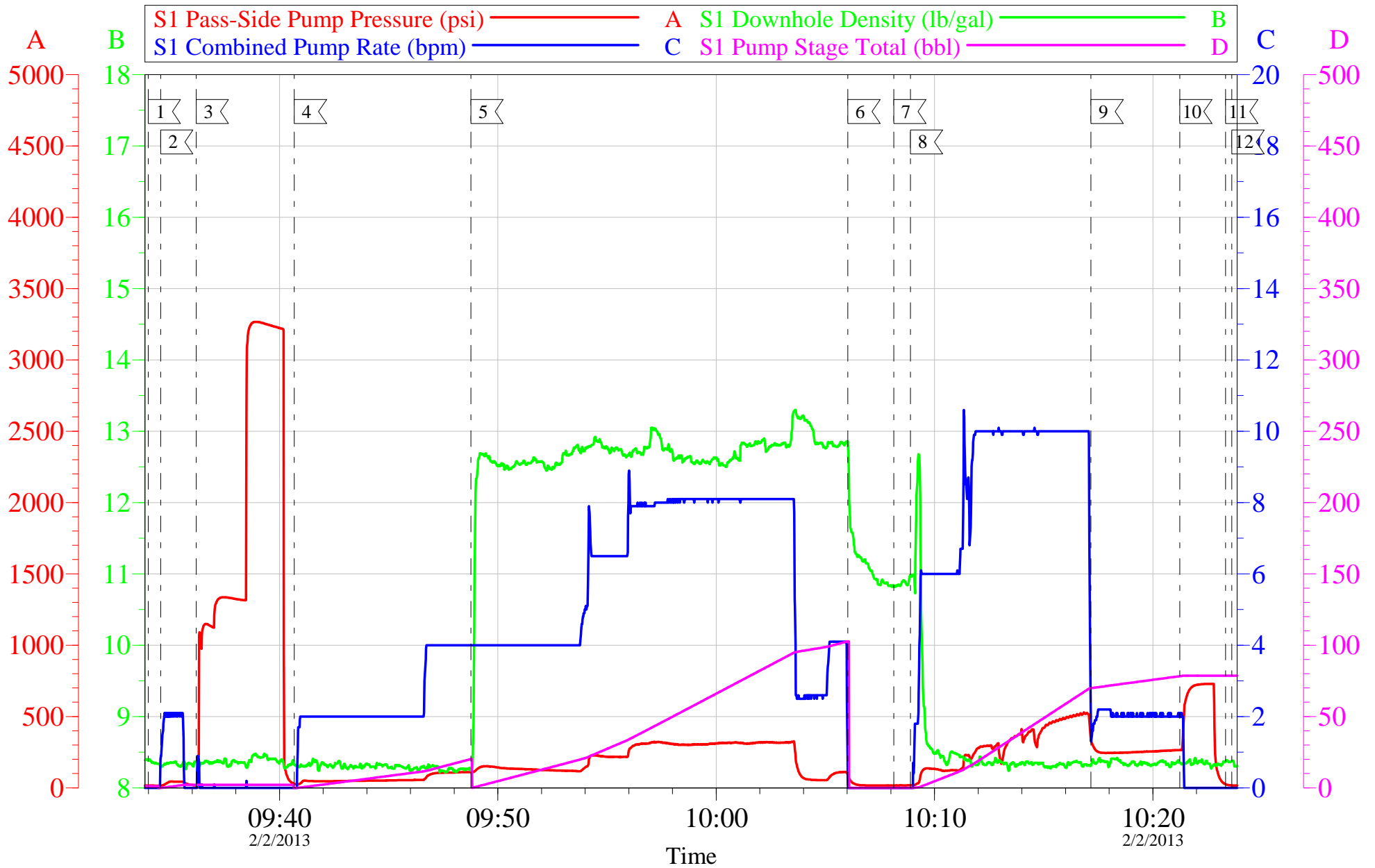
| Local Event Log | | | |
|-----------------|-----------------------|----------|----|
| 1 | START JOB | 09:33:59 | 2 |
| 2 | FILL LINES | 09:34:33 | 3 |
| 3 | PRESSURE TEST | 09:36:11 | |
| 4 | PUMP H2O SPACER | 09:40:41 | 5 |
| 5 | PUMP TAIL CEMENT | 09:48:46 | 6 |
| 6 | SHUTDOWN | 10:06:02 | |
| 7 | DROP PLUG | 10:08:08 | 8 |
| 8 | PUMP H2O DISPLACEMENT | 10:08:54 | 9 |
| 9 | SLOW RATE | 10:17:10 | |
| 10 | BUMP PLUG | 10:21:14 | 11 |
| 11 | CHECK FLOATS | 10:23:20 | 12 |
| 12 | END JOB | 10:23:37 | |

| | | |
|-----------------------------|---------------------------------|--------------------------|
| Customer: WPX | Job Date: 02-Feb-2013 | Sales Order #: 900180231 |
| Well Description: SG 443-23 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: FRANK MOORE | Cement Supervisor: RYAN WYCKOFF | Elite # 4: ANDREW LINN |

OptiCem v6.4.10
02-Feb-13 10:30

WPX SG 443-23

9 5/8" SURFACE



Customer: WPX
Well Description: SG 443-23
Company Rep: FRANK MOORE

Job Date: 02-Feb-2013
Job Type: SURFACE
Cement Supervisor: RYAN WYCKOFF

Sales Order #: 900180231
ADC Used: YES
Elite # 4: ANDREW LINN

OptiCem v6.4.10
02-Feb-13 10:30

HALLIBURTON

Water Analysis Report

Company: WPX

Submitted by: RYAN WYCKOFF

Attention: J. TROUT/C.MARTINEZ

Lease SG

Well # 443

Date: 2/2/2013

Date Rec.: 2/2/2013

S.O.# 900180231

Job Type: SURFACE

15-13-2219

| | | |
|-----------------------------|--------------|-------------------------|
| Specific Gravity | <i>MAX</i> | 1 |
| pH | <i>8</i> | 7 |
| Potassium (K) | <i>5000</i> | 0 Mg / L |
| Calcium (Ca) | <i>500</i> | Mg / L |
| Iron (FE2) | <i>300</i> | 0 Mg / L |
| Chlorides (Cl) | <i>3000</i> | Mg / L |
| Sulfates (SO ₄) | <i>1500</i> | UNDER 400 Mg / L |
| Chlorine (Cl ₂) | | Mg / L |
| Temp | <i>40-90</i> | 45 Deg |
| Total Dissolved Solids | | 180 Mg / L |

Respectfully: RYAN WYCKOFF

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

| | | |
|--|--|--|
| Sales Order #: 900180231 | Line Item: 10 | Survey Conducted Date: 2/2/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: FRANK MOORE | | API / UWI: (leave blank if unknown) 05-045-21694 |
| Well Name: SG | | Well Number: 443-23 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Colorado | Well County: 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 | 2/2/2013 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | RYAN WYCKOFF (HB47901) |
| Customer Participation | Did the customer participate in this survey? (Y/N) | Yes |
| Customer Representative | Enter the Customer representative name | FRANK MOORE |
| HSE | Was our HSE performance satisfactory? Circle Y or N | Yes |
| Equipment | Were you satisfied with our Equipment? Circle Y or N | Yes |
| Personnel | Were you satisfied with our people? Circle Y or N | Yes |
| Customer Comment | Customer's Comment | |

| |
|---------------------------|
| CUSTOMER SIGNATURE |
|---------------------------|

| | | |
|--|--|--|
| Sales Order #: 900180231 | Line Item: 10 | Survey Conducted Date: 2/2/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: FRANK MOORE | | API / UWI: (leave blank if unknown) 05-045-21694 |
| Well Name: SG | | Well Number: 443-23 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Colorado | Well County: Garfield |

KEY PERFORMANCE INDICATORS

| General | |
|---|----------|
| Survey Conducted Date The date the survey was conducted | 2/2/2013 |

| Cementing KPI Survey | |
|--|-------------------------|
| Type of Job Select the type of job. (Cementing or Non-Cementing) | 0 |
| Select the Maximum Deviation range for this Job What is the highest deviation for the job you just completed? This may not be the maximum well deviation. | Vertical |
| Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format. | 4 |
| HSE Incident, Accident, Injury HSE Incident, Accident, Injury. This should be recordable incidents only. | No |
| Was the job purpose achieved? Was the job delivered correctly as per customer agreed design? | Yes |
| Operating Hours (Pumping Hours) Total number of hours pumping fluid on this job. Enter in decimal format. | 2 |
| Customer Non-Productive Rig Time (hrs) 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. | 0 |
| Type of Rig Classification Job Was Performed Type Of Rig (classification) Job Was Performed On | Drilling Rig (Portable) |
| Number Of JSAs Performed Number Of Jsas Performed | 6 |
| Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time. | 0 |
| Was this a Primary Cement Job (Yes / No) | Yes |

| | | |
|--|--|--|
| Sales Order #: 900180231 | Line Item: 10 | Survey Conducted Date: 2/2/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: FRANK MOORE | | API / UWI: (leave blank if unknown) 05-045-21694 |
| Well Name: SG | | Well Number: 443-23 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | Well State: Colorado | Well County: Garfield |

| | |
|--|-----|
| Primary Cement Job= Casing job, Liner job, or Tie-back job. | |
| Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs? | Top |
| Mixing Density of Job Stayed in Designed Density Range (0-100%) Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100 | 90 |
| Was Automated Density Control Used? Was Automated Density Control (ADC) Used ? | Yes |
| Pump Rate (percent) of Job Stayed At Designed Pump Rate 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 | 90 |
| Nbr of Remedial Sqz Jobs Rqd - Competition Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition | 0 |
| Nbr of Remedial Plug Jobs Rqd - HES Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES | 0 |
| Nbr of Remedial Sqz Jobs Rqd - HES Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES | 0 |