
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 42-23
S. GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
17-Nov-2012

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|---|--|--|-------------------------------|
| Sold To #: 300721 | Ship To #: 2959357 | Quote #: | Sales Order #: 9863666 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Valad, Gary | |
| Well Name: SG | Well #: 42-23 | API/UWI #: | |
| Field: S. GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Contractor: NABORS 574 | Rig/Platform Name/Num: NABORS 574 | | |
| 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 | 4 | 456683 | GOWEN, WESLEY M | 4 | 496205 | WEAVER, CARLTON Russell | 4 | 457698 |
| WYCKOFF, RYAN Scott | 4 | 476117 | | | | | | |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10567589C | 60 mile | 10713212 | 60 mile | 10867531 | 60 mile | 10989685 | 60 mile |
| 11360871 | 60 mile | 11583932 | 60 mile | 11808829 | 60 mile | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|------------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 11/17/2012 | 4 | 2 | | | | | | |

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 | 16 - Nov - 2012 | 21:30 | MST |
| Form Type | | BHST | Job Started | 17 - Nov - 2012 | 01:00 | MST |
| Job depth MD | 1354. ft | Job Depth TVD | 1354. ft | Job Started | 17 - Nov - 2012 | 04:37 |
| Water Depth | | Wk Ht Above Floor | 5. ft | Job Completed | 17 - Nov - 2012 | 05:34 |
| Perforation Depth (MD) | <i>From</i> | <i>To</i> | Departed Loc | 17 - Nov - 2012 | 06:30 | 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 |
|--|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| 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 | 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 ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| Stage/Plug #: 1 | | | | | | | | | |

| 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 | VersaCem Lead | VERSACEM (TM) SYSTEM (452010) | 180.0 | sacks | 12.3 | 2.38 | 13.75 | | 13.75 | |
| | 13.75 Gal | FRESH WATER | | | | | | | | |
| 3 | VersaCem Tail Cement | VERSACEM (TM) SYSTEM (452010) | 160.0 | sacks | 12.8 | 2.11 | 11.75 | | 11.75 | |
| | 11.75 Gal | FRESH WATER | | | | | | | | |
| 4 | Fresh Water Displacement | | 102.90 | bbl | . | .0 | .0 | .0 | | |
| Calculated Values | | | Pressures | | | Volumes | | | | |
| Displacement | 102.9 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 136.4 | Pad | | |
| Top Of Cement | | 5 Min | | Cement Returns | 20 | Actual Displacement | 102.9 | Treatment | | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | 258 | |
| Rates | | | | | | | | | | |
| Circulating | | Mixing | 8 | Displacement | 8 | Avg. Job | 8 | | | |
| Cement Left In Pipe | Amount | 47 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 | | | | | | |

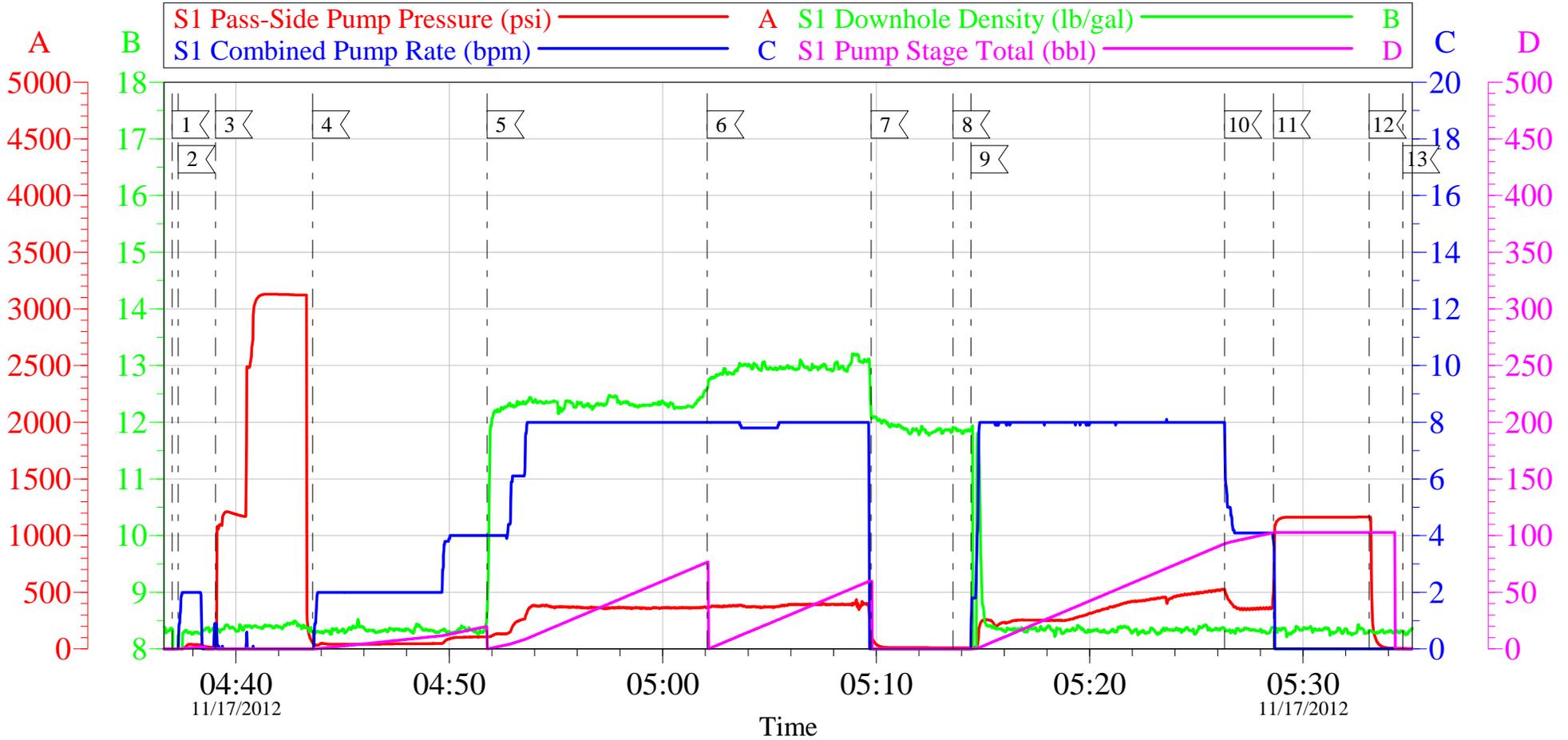
The Road to Excellence Starts with Safety

| | | | |
|---|------------------------------|--|-------------------------------|
| Sold To #: 300721 | Ship To #: 2959357 | Quote #: | Sales Order #: 9863666 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Valad, Gary | |
| Well Name: SG | | Well #: 42-23 | API/UWI #: |
| Field: S. GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs. | | Long: E 0 deg. OR E 0 deg. 0 min. 0 secs. | |
| Contractor: NABORS 574 | | Rig/Platform Name/Num: NABORS 574 | |
| 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 | 11/16/2012 21:30 | | | | | | | ELITE # 3 |
| Pre-Convoy Safety Meeting | 11/16/2012 23:45 | | | | | | | ALL HES EMPLOYEES |
| Arrive At Loc | 11/17/2012 01:00 | | | | | | | ARRIVE AT LOCATION AT 01:00, RIG RUNNING IN HOLE WITH CASING, CREW WAITED OFF LOCATION UNTIL CASING ON BOTTOM |
| Assessment Of Location Safety Meeting | 11/17/2012 01:10 | | | | | | | ALL HES EMPLOYEES |
| Pre-Rig Up Safety Meeting | 11/17/2012 03:00 | | | | | | | ALL HES EMPLOYEES |
| Rig-Up Equipment | 11/17/2012 03:10 | | | | | | | 1 HT 400 PUMP TRUCK (ELITE # 3), 2-660 BULK TRUCKS, 1 F-550 PICKUP |
| Pre-Job Safety Meeting | 11/17/2012 04:15 | | | | | | | ALL HES EMPLOYEES AND RIG CREW |
| Rig-Up Completed | 11/17/2012 04:25 | | | | | | | |
| Start Job | 11/17/2012 04:37 | | | | | | | TD 1380, TP 1354, CSG 9 5/8" 32#, OH 13 1/2", SHOE 47', MUD 10.7 PPG |
| Pressure Test | 11/17/2012 04:39 | | | | | 3130.0 | | PRESSURE TEST TO 3000 PSI, TEST GOOD |
| Pump Spacer | 11/17/2012 04:43 | | 4 | 20 | 20 | | 105.0 | PUMP 20 BBLS FRESH WATER SPACER |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|-----------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Lead Cement | 11/17/2012 04:51 | | 6 | 76.3 | 76.3 | | 370.0 | 180 SKS, 12.3 PPG, 2.38 YIELD, 13.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT |
| Pump Tail Cement | 11/17/2012 05:02 | | 6 | 60.1 | 60.1 | | 390.0 | 160 SKS, 12.8 PPG, 2.11 YIELD, 11.75 GAL/SK, WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT |
| Shutdown | 11/17/2012 05:09 | | | | | | | |
| Drop Plug | 11/17/2012 05:13 | | | | | | | PLUG AWAY WITH NO ISSUES |
| Pump Displacement | 11/17/2012 05:14 | | 10 | 102.9 | 102.9 | | 520.0 | PUMP FRESH WATER DISPLACEMENT, WASH UP ON TOP OF PLUG AS PER COMPANY REP |
| Slow Rate | 11/17/2012 05:26 | | 4 | 92.9 | 92.9 | | 356.0 | SLOW RATE TO BUMP PLUG |
| Bump Plug | 11/17/2012 05:28 | | 4 | 102.9 | 102.9 | | 1162.0 | BUMP PLUG AT 356 PSI PRESSURE UP TO 1162 PSI, 15 BBLS OF CEMENT BACK TO SURFACE |
| Check Floats | 11/17/2012 05:33 | | | | | | | FLOATS HELD, 1/2 BLL BACK TO DISPLACEMENT TANK |
| End Job | 11/17/2012 05:34 | | | | | | | NO DERRICK CHARGE, 40# OF SUGAR, NO ADD HOURS |
| Pre-Rig Down Safety Meeting | 11/17/2012 05:45 | | | | | | | ALL HES EMPLOYEES |
| Rig-Down Equipment | 11/17/2012 05:50 | | | | | | | |
| Pre-Convoy Safety Meeting | 11/17/2012 06:20 | | | | | | | ALL HES EMPLOYEES |
| Crew Leave Location | 11/17/2012 06:30 | | | | | | | THANK YOU FOR USING HALLIBURTON CEMENT RYAN WYCKOFF AND CREW |

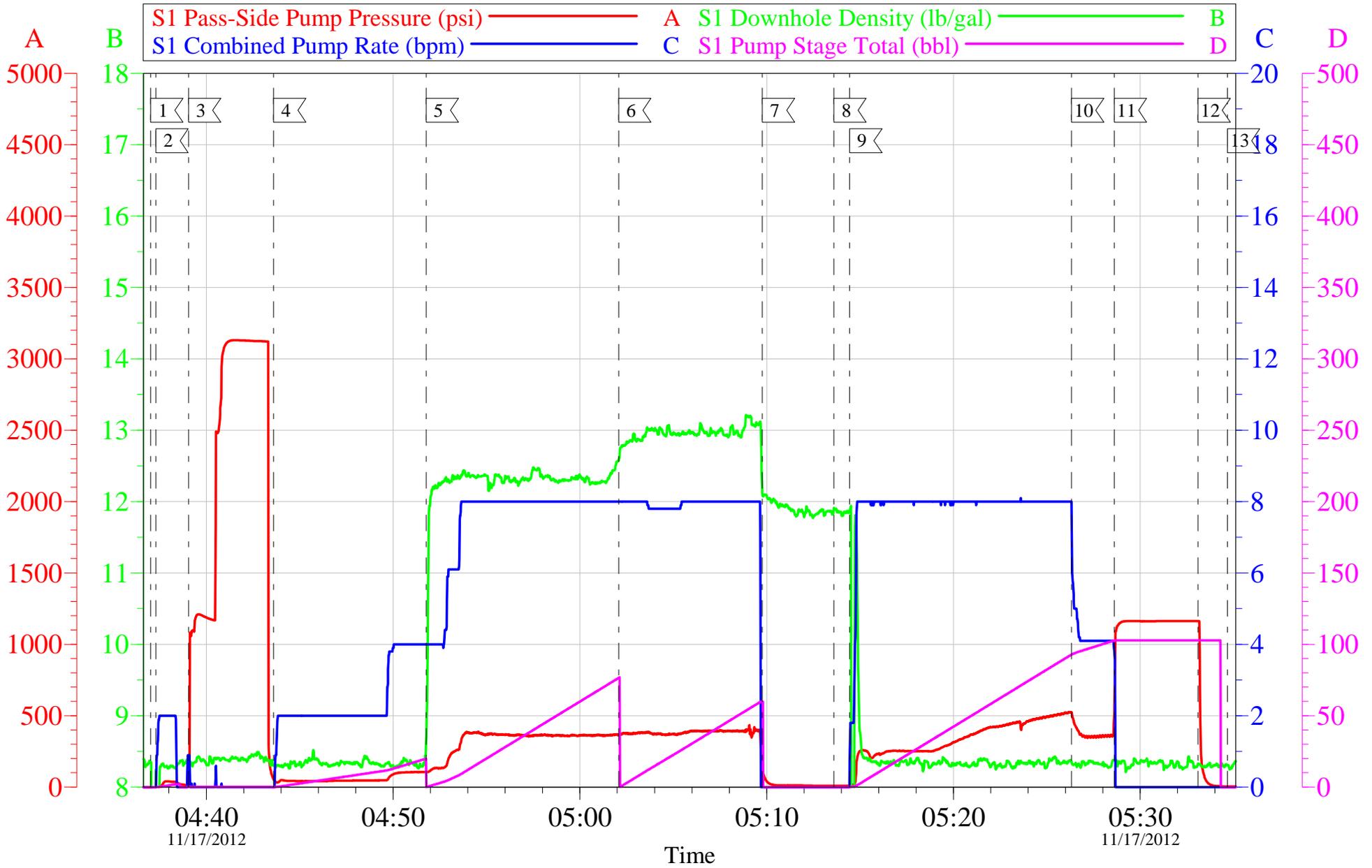
WPX SG 42-23 9 5/8" SURFACE



| Local Event Log | | | |
|-------------------|----------|--------------------|------------------------------|
| 1 START JOB | 04:37:01 | 2 FILL LINES | 04:37:18 |
| | | | 3 PRESSURE TEST 04:39:03 |
| 4 PUMP H2O SPACER | 04:43:36 | 5 PUMP LEAD CEMENT | 04:51:46 |
| | | | 6 PUMP TAIL CEMENT 05:02:05 |
| 7 SHUTDOWN | 05:09:47 | 8 DROP PLUG | 05:13:36 |
| | | | 9 PUMP DISPLACEMENT 05:14:27 |
| 10 SLOW RATE | 05:26:20 | 11 BUMP PLUG | 05:28:37 |
| | | | 12 CHECK FLOATS 05:33:06 |
| 13 END JOB | 05:34:41 | | |

| | | |
|----------------------------|---------------------------------|--------------------------|
| Customer: WPX | Job Date: 17-Nov-2012 | Sales Order #: 9863666 |
| Well Description: SG 42-23 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: MATT HUDSON | Cement Supervisor: RYAN WYCKOFF | Elite # 3: ADAM ANDERSON |

WPX SG 42-23 9 5/8" SURFACE



| | | |
|----------------------------|---------------------------------|--------------------------|
| Customer: WPX | Job Date: 17-Nov-2012 | Sales Order #: 9863666 |
| Well Description: SG 42-23 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: MATT HUDSON | Cement Supervisor: RYAN WYCKOFF | Elite # 3: ADAM ANDERSON |

HALLIBURTON

Water Analysis Report

Company: WPX

Submitted by: RYAN WYCKOFF

Attention: J. TROUT/C.MARTINEZ

Lease SG

Well # 42-23

Date: 11/17/2012

Date Rec.: 11/17/2012

S.O.# 9863666

Job Type: SURFACE

| | | |
|-----------------------------|--------------|-------------------------|
| Specific Gravity | <i>MAX</i> | 1 |
| pH | <i>8</i> | 6.5 |
| Potassium (K) | <i>5000</i> | 400 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 200 Mg / L |
| Chlorine (Cl ₂) | | Mg / L |
| Temp | <i>40-90</i> | 42 Deg |
| Total Dissolved Solids | | 50 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 #: 9863666 | Line Item: 10 | Survey Conducted Date: 11/17/2012 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: MATT HUDSON | | API / UWI: (leave blank if unknown) AFEYKIS2ABKGVXSAAA |
| Well Name: SG | | Well Number: 42-23 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | 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 | 11/17/2012 |
| 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 | MATT HUDSON |
| 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 #: 9863666 | Line Item: 10 | Survey Conducted Date: 11/17/2012 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: MATT HUDSON | | API / UWI: (leave blank if unknown) AFEYKIS2ABKGVXSAAA |
| Well Name: SG | | Well Number: 42-23 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | Well State: Colorado | Well County: Garfield |

KEY PERFORMANCE INDICATORS

| General | |
|-----------------------------------|------------|
| Survey Conducted Date | 11/17/2012 |
| The date the survey was conducted | |

| Cementing KPI Survey | |
|---|-------------------------|
| Type of Job | 0 |
| Select the type of job. (Cementing or Non-Cementing) | |
| Select the Maximum Deviation range for this Job | Vertical |
| What is the highest deviation for the job you just completed? This may not be the maximum well deviation. | |
| Total Operating Time (hours) | 3 |
| Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format. | |
| HSE Incident, Accident, Injury | No |
| HSE Incident, Accident, Injury. This should be recordable incidents only. | |
| Was the job purpose achieved? | Yes |
| Was the job delivered correctly as per customer agreed design? | |
| Operating Hours (Pumping Hours) | 2 |
| Total number of hours pumping fluid on this job. Enter in decimal format. | |
| Customer Non-Productive Rig Time (hrs) | 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. | |
| Type of Rig Classification Job Was Performed | Drilling Rig (Portable) |
| Type Of Rig (classification) Job Was Performed On | |
| Number Of JSAs Performed | 6 |
| Number Of Jsas Performed | |
| Number of Unplanned Shutdowns | 0 |
| Unplanned shutdown is when injection stops for any period of time. | |
| Was this a Primary Cement Job (Yes / No) | Yes |

| | | |
|--|--|--|
| Sales Order #: 9863666 | Line Item: 10 | Survey Conducted Date: 11/17/2012 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: MATT HUDSON | | API / UWI: (leave blank if unknown) AFEYKIS2ABKGVXSAAA |
| Well Name: SG | | Well Number: 42-23 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | 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 |