
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**SG 334-23
GRAND VALLEY
Garfield County , Colorado**

Cement Surface Casing
17-Feb-2013

Post Job Summary

The Road to Excellence Starts with Safety

| | | | |
|--|------------------------------|---|---------------------------------|
| Sold To #: 300721 | Ship To #: 2976511 | Quote #: | Sales Order #: 900162862 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Duniho, Al | |
| Well Name: SG | | Well #: 334-23 | API/UWI #: 05-045-21687 |
| Field: GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.479 secs. | | Long: W 108.07 deg. OR W -109 deg. 55 min. 46.25 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: KUKUS, CHRISTOPHER | MBU ID Emp #: 413952 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-------------------|---------|--------|----------------------|---------|--------|----------------------|---------|--------|
| GOWEN, WESLEY M | 0.0 | 496205 | KUKUS, CHRISTOPHER A | 0.0 | 413952 | LYNGSTAD, FREDRICK D | 0.0 | 403742 |
| ROMKEE, DALE Alan | 0.0 | 488215 | | | | | | |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10248065 | 60 mile | 10296152C | 60 mile | 10713212 | 60 mile | 11360871 | 60 mile |
| 11583931 | 60 mile | 11808849 | 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 | 16 - Feb - 2013 | 19:00 | MST |
| Form Type | | BHST | On Location | 17 - Feb - 2013 | 00:00 | MST |
| Job depth MD | 1397.2 ft | Job Depth TVD | Job Started | 17 - Feb - 2013 | 07:34 | MST |
| Water Depth | | Wk Ht Above Floor | Job Completed | 17 - Feb - 2013 | 08:43 | MST |
| Perforation Depth (MD) | From | To | Departed Loc | 17 - Feb - 2013 | 10:00 | 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 |
|----------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| OPEN HOLE | | | | 13.5 | | | | . | 1413. | | |
| SURFACE CASING | New | | 9.625 | 9.001 | 32.3 | | I-80 | . | 1397.2 | | |

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 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 | LEAD CEMENT | VERSACEM (TM) SYSTEM (452010) | 185.0 | 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 |
| 4 | Fresh Water Displacement | | 106.00 | 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 | 47.6 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 #: 2976511 | Quote #: | Sales Order #: 900162862 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Duniho, Al | |
| Well Name: SG | | Well #: 334-23 | API/UWI #: 05-045-21687 |
| Field: GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.419 deg. OR N 39 deg. 25 min. 8.479 secs. | | Long: W 108.07 deg. OR W -109 deg. 55 min. 46.25 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 | | Srv Supervisor: KUKUS, CHRISTOPHER | MBU ID Emp #: 413952 |

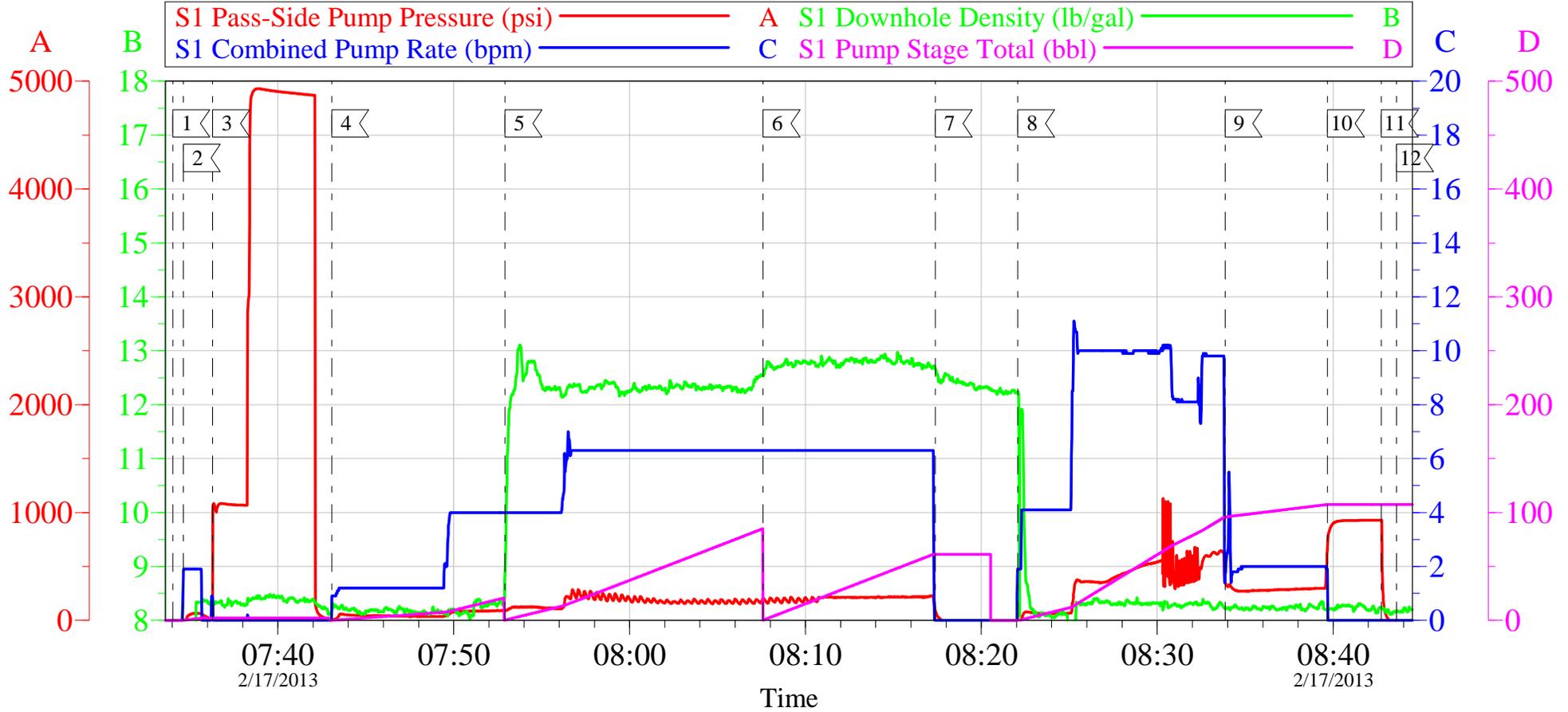
| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 02/16/2013 19:00 | | | | | | | ELITE # 9 |
| Depart Yard Safety Meeting | 02/16/2013 22:30 | | | | | | | ALL HES EMPLOYEES |
| Arrive At Loc | 02/17/2013 00:00 | | | | | | | RIG PULLING DRILL PIPE HES CREW ARRIVED 1HOUR EARLY AND WAS ASKED TO WAIT OFF LOCATION PER CO REP REQUEST |
| Assessment Of Location Safety Meeting | 02/17/2013 06:50 | | | | | | | ALL HES EMPLOYEES |
| Pre-Rig Up Safety Meeting | 02/17/2013 06:55 | | | | | | | ALL HES EMPLOYEES |
| Rig-Up Equipment | 02/17/2013 07:00 | | | | | | | 1 F-550 PICKUP 1 HT-400 PUMP TRUCK 1 660 BULK TRUCK 1 BODYLOAD RIG UP IRON TO STAND PIPE AREA / RIG UP SUCTION HOSE TO FRESH WATER SUPPLY |
| Pre-Job Safety Meeting | 02/17/2013 07:20 | | | | | | | ALL HES EMPLOYEES AND RIG CREW |
| Start Job | 02/17/2013 07:34 | | | | | | | TD: 1413 TP: 1397.23 SJ: 47.66 CSG: 9 5/8 32.3# OH: 13 1/2 MUD WT 10.2 |
| Test Lines | 02/17/2013 07:36 | | | | | 4925.0 | | PRESSURE TEST OK |
| Pump Spacer | 02/17/2013 07:43 | | 4 | 20 | 20 | | 91.0 | FRESH WATER SPACER |
| Activity Description | Date/Time | Cht | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |

| Activity Description | Date/Time | # | Rate bbl/ min | Volume bbl | | Pressure psig | | Comments |
|-----------------------------|---------------------|----------|---------------------|---------------|---------------|------------------|------------------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Lead Cement | 02/17/2013 07:52 | | 6 | 78.4 | 78.4 | | 200.0 | 185 SKS 12.3 PPG 2.38 YEILD 13.75 GAL / SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGH OUT LEAD CEMENT |
| Pump Tail Cement | 02/17/2013 08:07 | | 6 | 60.1 | 60.1 | | 220.0 | 160 SKS 12.8 PPG 2.11 YEILD 11.75 GAL / SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGH OUT TAIL CEMENT |
| Shutdown | 02/17/2013 08:17 | | | | | | | SHUTDOWN / END CEMENT / READY TUB TO WASH UP ON TOP OF PLUG |
| Drop Plug | 02/17/2013 08:18 | | | | | | | PLUG AWAY NO PROBLEMS |
| Pump Displacement | 02/17/2013 08:22 | | 10 | 106.2 | 106.2 | | 600.0 | FRESH WATER DISPLACEMENT |
| Slow Rate | 02/17/2013 08:33 | | 2 | 96.2 | 96.2 | | 290.0 | SLOW RATE TO BUMP PLUG |
| Bump Plug | 02/17/2013 08:39 | | 2 | 106.2 | 106.2 | | 310.0 | BUMP PLUG @ 310 AND TOOK PRESSURE UP TO 925 PSI |
| Check Floats | 02/17/2013 08:42 | | | | | | | FLOATS HELD .5 BBL BACK TO DISPLACEMENT TANKS |
| End Job | 02/17/2013 08:43 | | | | | | | WELL HAD GOOD CIRCULATION THROUGH OUT CEMENT JOB GOT 30 BBLs OF CEMENT TO SURFACE RIG USED 100 LBS OF SUGAR TICKET CHANGES: NO ADD HOURS, NO DERRICK CHARGE |
| Pre-Rig Down Safety Meeting | 02/17/2013 08:50 | | | | | | | ALL HES EMPLOYEES |
| Rig-Down Equipment | 02/17/2013 09:00 | | | | | | | RIG FLOOR DOWN / BLOW DOWN LINES AND RIG DOWN / CLEAN UP AND BLOW DOWN PUMP TRUCK |
| Pre-Convoy Safety Meeting | 02/17/2013 09:50 | | | | | | | ALL HES EMPLOYEES |
| Activity Description | Date/Time | Cht # | Rate bbl/ min | Volume bbl | Volume bbl | Pressure psig | Pressure psig | Comments |
| | | | | Stage | Total | Tubing | Casing | |

| | | | | | | | | |
|---------------------|---------------------|--|--|--|--|--|--|---|
| Crew Leave Location | 02/17/2013 10:00 | | | | | | | THANKS FOR USING HALLIBURTON CEMENT CHRIS KUKUS AND CREW |
|---------------------|---------------------|--|--|--|--|--|--|---|

WPX ENERGY / SG 334-23

9 5/8 SURFACE

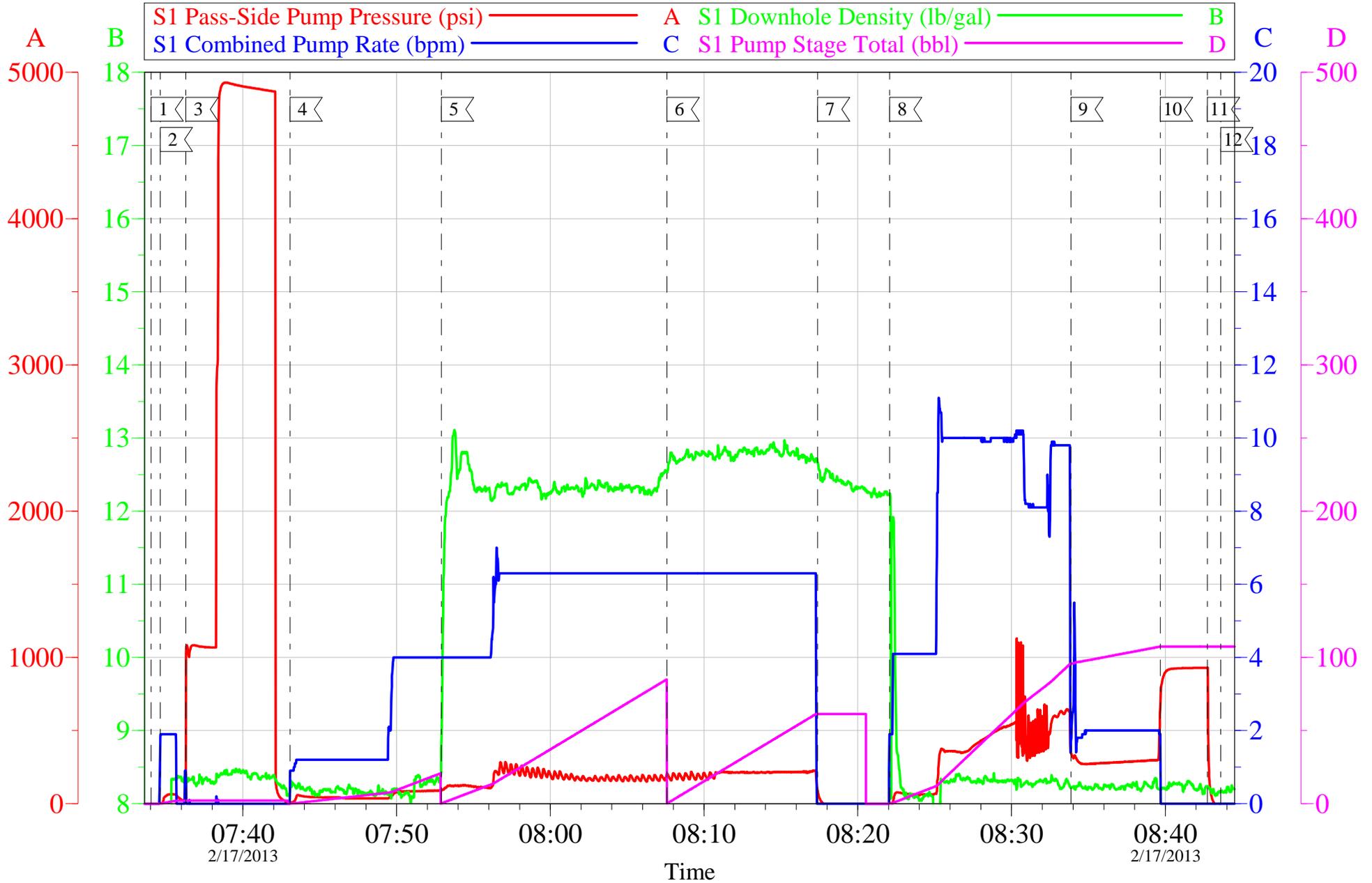


| | | | | | |
|----|----------------------|----------|----|-------------------------------|----------|
| 1 | START JOB | 07:34:02 | 2 | FILL LINES | 07:34:38 |
| 3 | TEST LINES | 07:36:18 | 4 | PUMP FRESH WATER SPACER | 07:43:05 |
| 5 | PUMP LEAD CEMENT | 07:52:55 | 6 | PUMP TAIL CEMENT | 08:07:35 |
| 7 | SHUTDOWN / DROP PLUG | 08:17:23 | 8 | PUMP FRESH WATER DISPLACEMENT | 08:22:04 |
| 9 | SLOW RATE | 08:33:51 | 10 | BUMP PLUG | 08:39:40 |
| 11 | CHECK FLOATS | 08:42:44 | 12 | END JOB | 08:43:36 |

| | | |
|-----------------------------|--------------------------------|--------------------------|
| Customer: WPX | Job Date: 17-Feb-2013 | Sales Order #: 900162862 |
| Well Description: SG 334-23 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: AL DUNIHO | Cement Supervisor: CHRIS KUKUS | Elite # 9: WESLEY GOWEN |

WPX ENERGY / SG 334-23

9 5/8 SURFACE



| | | |
|-----------------------------|--------------------------------|--------------------------|
| Customer: WPX | Job Date: 17-Feb-2013 | Sales Order #: 900162862 |
| Well Description: SG 334-23 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: AL DUNIHO | Cement Supervisor: CHRIS KUKUS | Elite # 9: WESLEY GOWEN |

OptiCem v6.4.10
17-Feb-13 08:59

HALLIBURTON

Water Analysis Report

Company: WPX

Date: 2/17/2013

Submitted by: CHRIS KUKUS

Date Rec.: 2/17/2013

Attention: J. TROUT/C.MARTINEZ

S.O.# 900162862

Lease SG

Job Type: SURFACE

Well # 334-23

| | | |
|-----------------------------|--------------|-------------------------|
| Specific Gravity | <i>MAX</i> | 1 |
| pH | <i>8</i> | 6.8 |
| Potassium (K) | <i>5000</i> | 0 Mg / L |
| Calcium (Ca) | <i>500</i> | 120 Mg / L |
| Iron (FE2) | <i>300</i> | 0 Mg / L |
| Chlorides (Cl) | <i>3000</i> | 0 Mg / L |
| Sulfates (SO ₄) | <i>1500</i> | UNDER 200 Mg / L |
| Chlorine (Cl ₂) | | 0 Mg / L |
| Temp | <i>40-80</i> | 45 Deg |
| Total Dissolved Solids | | 430 Mg / L |

Respectfully: CHRIS KUKUS

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

| | | |
|--|--|--|
| Sales Order #: 900162862 | Line Item: 10 | Survey Conducted Date: 2/17/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: AL DUNIHO | | API / UWI: (leave blank if unknown) 05-045-21687 |
| Well Name: SG | | Well Number: 334-23 |
| 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 | 2/17/2013 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | CHRISTOPHER KUKUS (HX35027) |
| Customer Participation | Did the customer participate in this survey? (Y/N) | Yes |
| Customer Representative | Enter the Customer representative name | AL DUNIHO |
| 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 | GOOD JOB MEN! |

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

| | | |
|--|--|--|
| Sales Order #: 900162862 | Line Item: 10 | Survey Conducted Date: 2/17/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: AL DUNIHO | | API / UWI: (leave blank if unknown) 05-045-21687 |
| Well Name: SG | | Well Number: 334-23 |
| 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 | 2/17/2013 |
| 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) | 1.5 |
| 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 #: 900162862 | Line Item: 10 | Survey Conducted Date: 2/17/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: AL DUNIHO | | API / UWI: (leave blank if unknown) 05-045-21687 |
| Well Name: SG | | Well Number: 334-23 |
| 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 | 80 |
| 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 |