
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**FEDERAL RGU 23-23-198
SULPHUR CREEK
Rio Blanco County, Colorado**

Cement Multiple Stages
03-Apr-2013

Post Job Summary

The Road to Excellence Starts with Safety

| | | | |
|--|-------------------------------------|--|--------------------------|
| Sold To #: 300721 | Ship To #: 300721 | Quote #: | Sales Order #: 900334066 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Brunk, Andrew | |
| Well Name: FEDERAL RGU | Well #: 23-23-198 | API/UWI #: 05-103-11783 | |
| Field: SULPHUR CREEK | City (SAP): TULSA | County/Parish: Rio Blanco | State: Colorado |
| Lat: N 39.947 deg. OR N 39 deg. 56 min. 48.574 secs. | | Long: W 108.363 deg. OR W -109 deg. 38 min. 14.568 secs. | |
| Contractor: CYCLONE 29 | Rig/Platform Name/Num: CYCLONE 29 | | |
| Job Purpose: Cement Multiple Stages | | | |
| Well Type: Development Well | Job Type: Cement Multiple Stages | | |
| Sales Person: MAYO, MARK | Srvc Supervisor: SMITH, CHRISTOPHER | MBU ID Emp #: 452619 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|--------------------------|---------|--------|--------------------------|---------|--------|--------------|---------|--------|
| BRENNECKE, ANDREW Bailey | 0.0 | 486345 | SMITH, CHRISTOPHER Scott | 0.0 | 452619 | WOLFE, JON P | 0.0 | 485217 |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10567589C | 30 mile | 10867423 | 30 mile | 11259884 | 30 mile | 11562538 | 30 mile |
| 11808829 | 30 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

| Formation Name | | | | | Job Times | | | |
|-------------------------------|-------------|--------------------------|----------|--|----------------------|-----------------|-------|-----------|
| Formation Depth (MD) | Top | Bottom | | | Called Out | Date | Time | Time Zone |
| Form Type | | BHST | | | On Location | 03 - Apr - 2013 | 13:30 | MST |
| Job depth MD | 3863. ft | Job Depth TVD | 3863. ft | | Job Started | 03 - Apr - 2013 | 15:30 | MST |
| Water Depth | | Wk Ht Above Floor | 4. ft | | Job Completed | 03 - Apr - 2013 | 19:11 | MST |
| Perforation Depth (MD) | From | To | | | Departed Loc | 03 - Apr - 2013 | 21:00 | 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 |
|-------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
|-------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|

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

Sold To # : 300721

Ship To # :300721

Quote # :

Sales Order # : 900334066

SUMMIT Version: 7.3.0078

Saturday, April 27, 2013 03:33:00

| 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 |
| 1 | Fresh Water Spacer | | 40.00 | bbl | 8.33 | .0 | .0 | .0 | |
| 2 | 1st Stage Lead Cement | VERSACEM (TM) SYSTEM (452010) | 670.0 | sacks | 12.8 | 1.77 | 9.34 | | 9.34 |
| | | 9.34 Gal | FRESH WATER | | | | | | |
| 3 | 1st Stage Tail Cement | VERSACEM (TM) SYSTEM (452010) | 190.0 | sacks | 12.8 | 1.96 | 10.95 | | 10.95 |
| | | 10.95 Gal | FRESH WATER | | | | | | |
| 4 | Displacement | | 295.00 | bbl | 8.33 | .0 | .0 | .0 | |
| 5 | Fresh Water Spacer | | 20.00 | bbl | 8.33 | .0 | .0 | .0 | |
| 6 | 2nd Stage Tail | VERSACEM (TM) SYSTEM (452010) | 785.0 | sacks | 12.8 | 1.96 | 10.95 | | 10.95 |
| | | 10.95 Gal | FRESH WATER | | | | | | |
| 7 | Displacement | | 133.00 | 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

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| Field: SULPHUR CREEK | City (SAP): TULSA | County/Parish: Rio Blanco | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.947 deg. OR N 39 deg. 56 min. 48.574 secs. | | Long: W 108.363 deg. OR W -109 deg. 38 min. 14.568 secs. | |
| Contractor: CYCLONE 29 | | Rig/Platform Name/Num: CYCLONE 29 | |
| Job Purpose: Cement Multiple Stages | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Multiple Stages | |
| Sales Person: MAYO, MARK | | Srv Supervisor: SMITH, CHRISTOPHER | MBU ID Emp #: 452619 |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------|------------------|-------|--------------|------------|-------|---------------|--------|-------------------|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 04/04/2013 04:00 | | | | | | | ELITE #3 |
| Pre-Convoy Safety Meeting | 04/04/2013 04:30 | | | | | | | ALL HES EMPLOYEES |

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Quote #:

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Saturday, April 27, 2013 03:33:00

| Arrive At Loc | 04/04/2013 13:30 | | | | | | | REQUESTED CREW ON LOCATION 6:30 |
|--|---------------------|----------|---------------------|---------------|-------|------------------|--------|---|
| Assessment Of Location Safety Meeting | 04/04/2013 13:40 | | | | | | | ALL HES EMPLOYEES |
| Pre-Rig Up Safety Meeting | 04/04/2013 13:55 | | | | | | | ALL HES EMPLOYEES |
| Rig-Up Equipment | 04/04/2013 14:10 | | | | | | | 1 HT 400 PUMP TRUCK (ELITE #) 1-660 BULK TRUCK 2-SILO 1 F-550 PICKUP |
| Pre-Job Safety Meeting | 04/04/2013 15:25 | | | | | | | ALL HES EMPLOYEES AND RIG CREW |
| Rig-Up Completed | 04/04/2013 15:27 | | | | | | | |
| Start Job | 04/04/2013 15:30 | | | | | | | TD 3868', TP 3858', SJ 25.33', OH 14.75" FROM SURFACE TO 1700', OH 13.5" FROM 1700' TO TD, CSG 9.625" 36#, 380' OF 40# CSG, MUD 9.4 PPG, WEATHERFORD STAGE TOOL SET AT 1721' |
| Pressure Test | 04/04/2013 15:33 | | 0.5 | 0.5 | | | | PRESSURE TEST TO 3000 PSI |
| Pump Spacer | 04/04/2013 15:35 | | 6 | 40 | | | 270.0 | PUMP 40 BBLS FRESH WATER SPACER |
| Activity Description | Date/Time | Cht # | Rate bbl/ min | Volume bbl | | Pressure psig | | Comments |
| | | | | Stage | Total | Tubing | Casing | |
| Pump Lead Cement | 04/04/2013 15:45 | | 7.5 | 211 | | | 355.0 | FIRST STAGE LEAD 670 SKS 12.8 PPG 1.77 YIELD 9.34GAL/SK WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT |
| Pump Tail Cement | 04/04/2013 16:19 | | 7 | 66 | | | 340.0 | FIRST STAGE TAIL 190 SKS 12.8 PPG 1.96 YIELD 10.95 GAL/SK WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT |
| Shutdown | 04/04/2013 16:29 | | | | | | | WASH UP ON TOP OF PLUG |
| Drop Plug | 04/04/2013 16:32 | | | | | | | PLUG AWAY WITH NO ISSUES |

| Pump Displacement | 04/04/2013 16:33 | | 10 | 285 | | | 680.0 | PUMP FRESH WATER DISPLACEMENT, LOST RETURNS @ 232 BBL AWAY, ESTABLISHED RETURNS @ 278 |
|---|---------------------|-------|--------------|------------|-------|---------------|--------|---|
| Slow Rate | 04/04/2013 17:03 | | 4 | 10 | | | 620.0 | SLOW RATE TO BUMP PLUG |
| Bump Plug | 04/04/2013 17:13 | | | 295 | | | 1065.0 | BUMP PLUG |
| Check Floats | 04/04/2013 17:17 | | | | | | | FLOATS HELD |
| Drop Opening Device For Multiple Stage Cementer | 04/04/2013 17:20 | | | | | | | WAIT A MINIMUM OF 12 MINUTES FOR 'BOMB' TO OPEN TOOL |
| Pump Spacer | 04/04/2013 17:33 | | 4 | 20 | | | 151.0 | |
| Pump Tail Cement | 04/04/2013 17:41 | | 7 | 274 | | | 413.0 | SECOND STAGE TAIL, 785 SKS 12.8 PPG 1.96 YIELD 10.95 GAL/SK WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT |
| Shutdown | 04/04/2013 18:23 | | | | | | | WASH UP ON TOP OF PLUG |
| Other | 04/04/2013 18:26 | | | | | | | DROP CLOSING PLUG |
| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
| | | | | Stage | Total | Tubing | Casing | |
| Pump Displacement | 04/04/2013 18:27 | | 7 | 123 | | | 569.0 | PUMP FRESH WATER DISPLACEMENT, GOOD RETURNS THROUGH OUT, 50 BBLS OF CEMENT TO SURFACE, TOPPED OUT WELL #423-23-198 WITH THE 50 BBLS OF CEMENT BROUGHT TO SURFACE, SLOWED RATE DURING DISPLACEMENT TO KEEP FROM OVER FLOWING CELLAR. |
| Slow Rate | 04/04/2013 18:44 | | 2 | 10 | | | 480.0 | SLOW RATE TO BUMP PLUG |
| Bump Plug | 04/04/2013 19:00 | | | 133 | | | 1745.0 | BUMP PLUG |
| Other | 04/04/2013 19:01 | | | | | | | CHECK TOOL CLOSED, TOOL NOT SHUT COMPLETELY |

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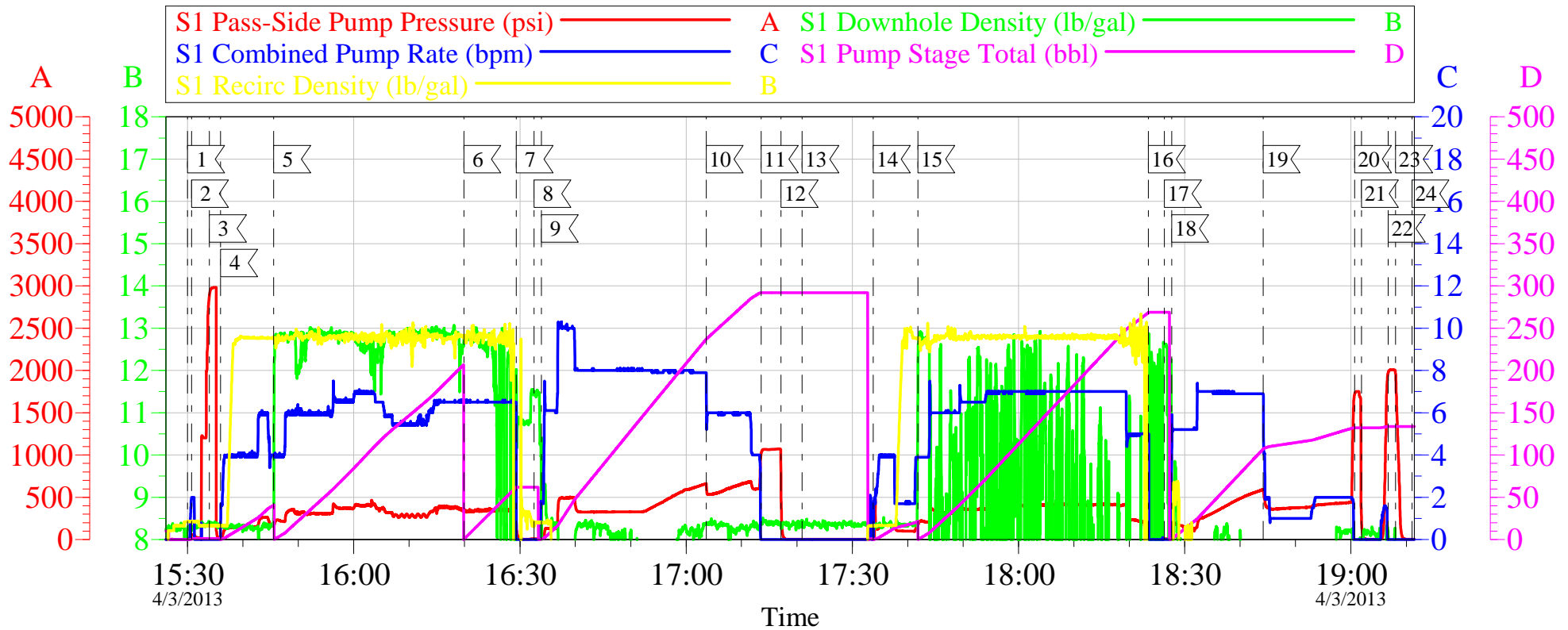
SUMMIT Version: 7.3.0078

Saturday, April 27, 2013 03:33:00

| | | | | | | | | |
|-----------------------------|---------------------|--|-----|-----|--|--|------------|--|
| Bump Plug | 04/04/2013 19:06 | | 0.5 | 0.5 | | | 2009. 0 | |
| Other | 04/04/2013 19:08 | | | | | | | CHECK TOOL CLOSED, TOOL CLOSED |
| End Job | 04/04/2013 19:11 | | | | | | | |
| Pre-Rig Down Safety Meeting | 04/04/2013 19:20 | | | | | | | ALL HES EMPLOYEES |
| Rig-Down Equipment | 04/04/2013 19:25 | | | | | | | |
| Pre-Convoy Safety Meeting | 04/04/2013 21:00 | | | | | | | ALL HES EMPLOYEES |
| Crew Leave Location | 04/04/2013 21:05 | | | | | | | THANK YOU FOR USING HALLIBURTON CEMENT CHRIS SMITH AND CREW |

WPX RGU 23-23-198

9.625" TWO STAGE SURFACE

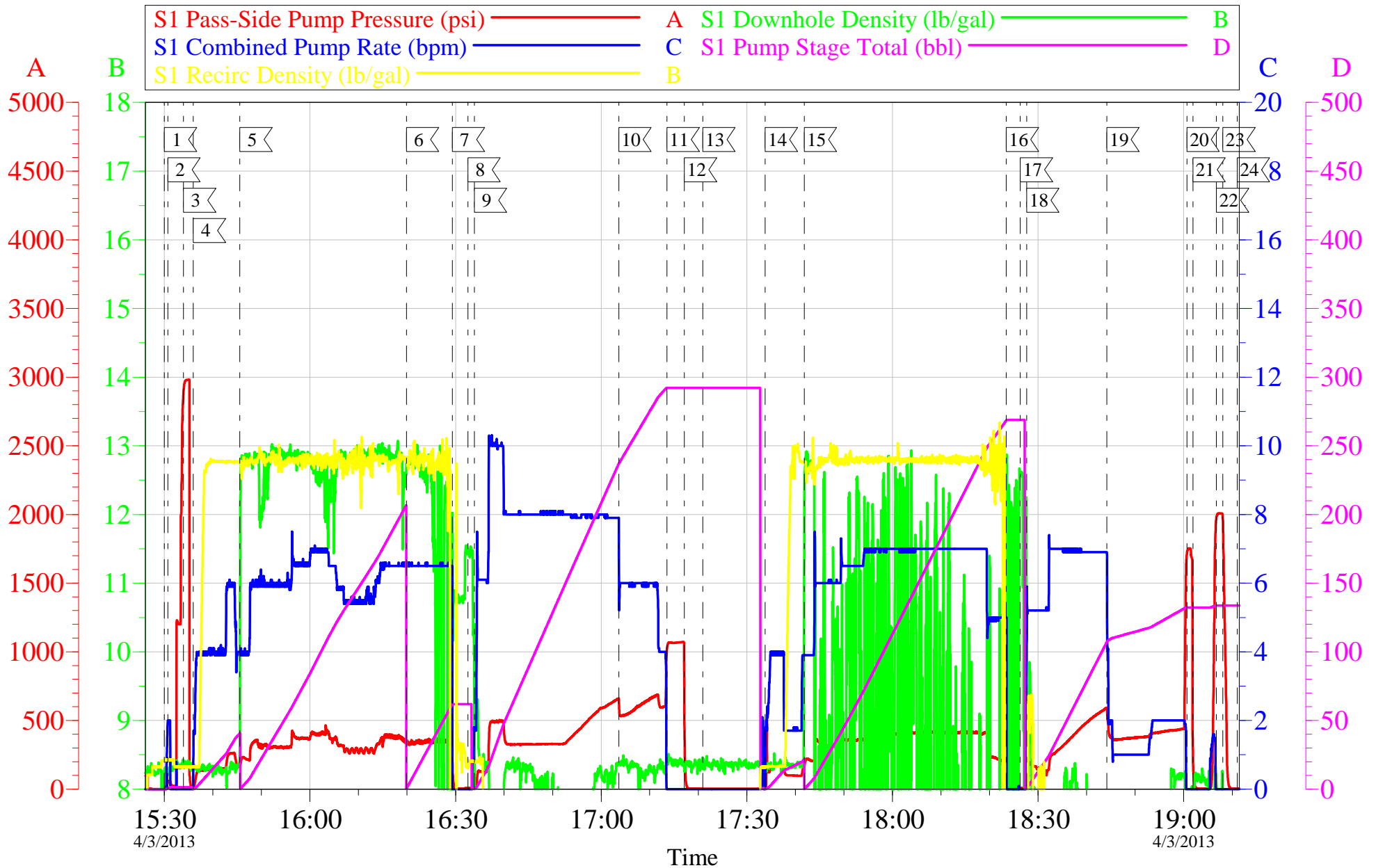


| | | |
|---------------------------------|-----------------------------|--------------------------|
| Customer: WPX | Job Date: 03-Apr-2013 | Sales Order #: 900334066 |
| Well Description: RGU 23-23-198 | Job Type: SURFACE-TWO STAGE | ADC Used: YES |
| Company Rep: T.RAGSDALE | Cement Supervisor: C.SMITH | Elite 3: A.BRENNECKE |

OptiCem v6.4.10
03-Apr-13 20:02

WPX RGU 23-23-198

9.625" TWO STAGE SURFACE



| | | |
|---------------------------------|-----------------------------|--------------------------|
| Customer: WPX | Job Date: 03-Apr-2013 | Sales Order #: 900334066 |
| Well Description: RGU 23-23-198 | Job Type: SURFACE-TWO STAGE | ADC Used: YES |
| Company Rep: T.RAGSDALE | Cement Supervisor: C.SMITH | Elite 3: A.BRENNECKE |

OptiCem v6.4.10
03-Apr-13 20:02

| | | |
|--|--|--|
| Sales Order #: 900334066 | Line Item: 10 | Survey Conducted Date: 4/4/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT MULTIPLE STAGES BOM |
| Customer Representative: TED RAGSDALE | | API / UWI: (leave blank if unknown) 05-103-11783 |
| Well Name: FEDERAL RGU | | Well Number: 23-23-198 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | Well State: Colorado | Well County: Rio Blanco |

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 | 4/4/2013 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | CHRISTOPHER SMITH (HB20137) |
| Customer Participation | Did the customer participate in this survey? (Y/N) | Yes |
| Customer Representative | Enter the Customer representative name | TED RAGSDALE |
| 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 | JOB WENT WELL ONCE ON SITE. DISPATCH PROBLEMS 7.5 HOURS LATE TO LOCATION. GAVE 12 HOUR NOTICE FOR CALL OUT TIME. |

CUSTOMER SIGNATURE

| | | |
|--|--|--|
| Sales Order #: 900334066 | Line Item: 10 | Survey Conducted Date: 4/4/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT MULTIPLE STAGES BOM |
| Customer Representative: TED RAGSDALE | | API / UWI: (leave blank if unknown) 05-103-11783 |
| Well Name: FEDERAL RGU | | Well Number: 23-23-198 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | Well State: Colorado | Well County: Rio Blanco |

KEY PERFORMANCE INDICATORS

| General | |
|-----------------------------------|----------|
| Survey Conducted Date | 4/4/2013 |
| 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) | 8 |
| 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) | 5 |
| Total number of hours pumping fluid on this job. Enter in decimal format. | |
| Customer Non-Productive Rig Time (hrs) | 3 |
| 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. | |
| Reason For Non-Productive Rig Time | CREW LATE TO LOCATION |
| Reason For Non-productive Rig Time (Cementing PSL Responsibility) | |
| Type of Rig Classification Job Was Performed | Drilling Rig (Portable) |
| Type Of Rig (classification) Job Was Performed On | |
| Number Of JSAs Performed | 7 |
| Number Of Jsas Performed | |
| Number of Unplanned Shutdowns | 0 |

| | | |
|--|--|--|
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| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | Well State: Colorado | Well County: Rio Blanco |

| | |
|--|------|
| Unplanned shutdown is when injection stops for any period of time. | |
| Was this a Primary Cement Job (Yes / No) Primary Cement Job= Casing job, Liner job, or Tie-back job. | Yes |
| Did We Run Wiper Plugs? Did We Run Top And Bottom Casing Wiper Plugs? | Both |
| 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 | 95 |
| 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 |