
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

PA 311-11

Garfield County , Colorado

Cement Surface Casing

10-Apr-2013

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|--|-----------------------|---|--------------------------|
| Sold To #: 300721 | Ship To #: 2991501 | Quote #: | Sales Order #: 900351033 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Duniho, Al | |
| Well Name: PA | | Well #: 311-11 | API/UWI #: 05-045-21821 |
| Field: | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.453 deg. OR N 39 deg. 27 min. 10.494 secs. | | Long: W 107.967 deg. OR W -108 deg. 1 min. 57.079 secs. | |
| Contractor: Cylcone Drilling | | Rig/Platform Name/Num: Cyclone 17 | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: MAYO, MARK | | Srv 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 John | 9 | 439784 | BLUST, CHARLES Thomas | 9 | 386662 | KEANE, JOHN Donovan | 9 | 486519 |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| | 60 mile | 10872429 | 60 mile | 11259882 | 60 mile | 11360881 | 60 mile |
| 11808847 | 60 mile | | | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|-----------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 4-10-2013 | 9 | 4.5 | | | | | | |

TOTAL Total is the sum of each column separately

Job

| Formation Name | Job | Job Times |
|---|--------------------------------|--|
| Formation Depth (MD) Top | Bottom | Date Time Time Zone |
| Form Type | BHST | Called Out 10 - Apr - 2013 08:00 MST |
| Job depth MD 1175. ft | Job Depth TVD 1175. ft | On Location 10 - Apr - 2013 10:30 MST |
| Water Depth | Wk Ht Above Floor 3. ft | Job Started 10 - Apr - 2013 16:56 MST |
| Perforation Depth (MD) From | To | Job Completed 10 - Apr - 2013 00:00 MST |
| | | Departed Loc 10 - Apr - 2013 00:00 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 | | | | 12.25 | | | | . | 1140. | | |
| SURFACE CASING | Unknown | | 9.625 | 9.001 | 32.3 | | I-80 | . | 1124.4 | | |

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 ft3/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 | 4 | |
| 2 | VariCem GJ! Lead Cement | VARICEM (TM) CEMENT (452009) | 160.0 | sacks | 12.3 | 2.38 | 13.75 | 7 | 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 | 11.75 |
| 11.75 Gal | | FRESH WATER | | | | | | | |
| 4 | Fresh Water Displacement | | 88.00 | bbl | . | .0 | .0 | 10 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 88.6 | Shut In: Instant | | Lost Returns | | Cement Slurry | 127.0 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 28 | Actual Displacement | 88.6 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | 236.5 |
| Rates | | | | | | | | | |
| Circulating | RIG | Mixing | 7 | Displacement | 10 | Avg. Job | 8 | | |
| Cement Left In Pipe | Amount | 44 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

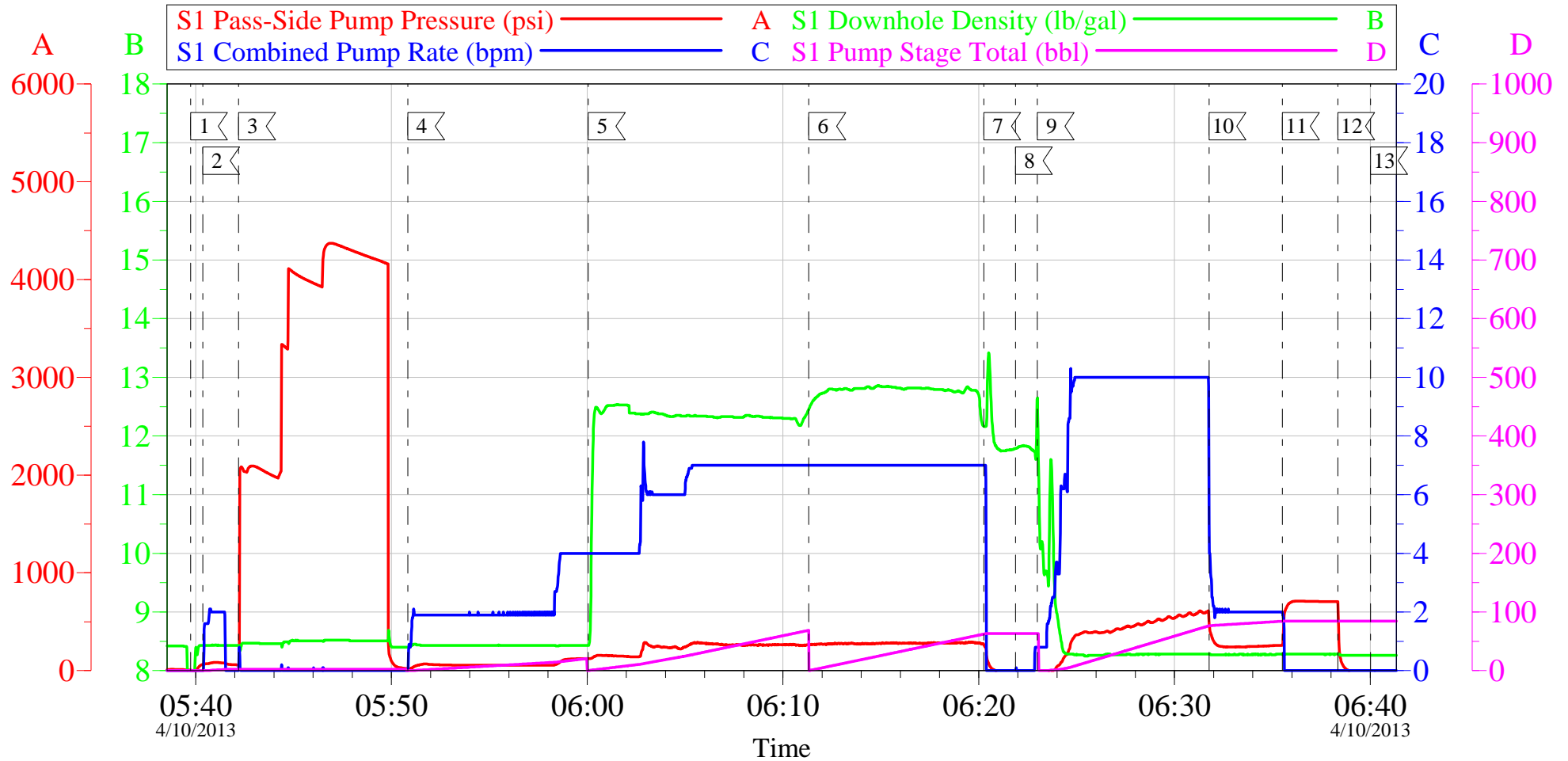
| | | | | | | | |
|---|--|------------------------------|--|--|--|---------------------------------|--|
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| Well Name: PA | | | Well #: 311-11 | | | API/UWI #: 05-045-21821 | |
| Field: | | City (SAP): PARACHUTE | | County/Parish: Garfield | | State: Colorado | |
| Legal Description: | | | | | | | |
| Lat: N 39.453 deg. OR N 39 deg. 27 min. 10.494 secs. | | | | Long: W 107.967 deg. OR W -108 deg. 1 min. 57.079 secs. | | | |
| Contractor: Cylcone Drilling | | | 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: ARNOLD, EDWARD | | | MBU ID Emp #: 439784 | |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 04/10/2013 08:00 | | | | | | | Crew called out. |
| Pre-Convoy Safety Meeting | 04/10/2013 08:15 | | | | | | | Including entire cement crew, discuss hazards, route, and safety. |
| Crew Leave Location | 04/10/2013 08:20 | | | | | | | Crew left last location for new job. |
| Arrive At Loc | 04/10/2013 10:30 | | | | | | | Rig still pulling pipe. Requested on location at 1230. |
| Assessment Of Location Safety Meeting | 04/10/2013 10:45 | | | | | | | Including entire cement crew, discussed hazards, and rig up. |
| Pre-Rig Up Safety Meeting | 04/10/2013 15:40 | | | | | | | |
| Rig-Up Equipment | 04/10/2013 15:50 | | | | | | | 1 Elite # 7; 1 660 Bulk Truck; 1 hard line to rig floor; 2 lines to upright; 1 9 5/8" compact head. |
| Rig-Up Completed | 04/10/2013 16:20 | | | | | | | |
| Pre-Job Safety Meeting | 04/10/2013 16:30 | | | | | | | Including everyone on location. Discussed hazards, emergency situations, and job procedure. |
| Start Job | 04/10/2013 16:56 | | | | | | | TD 1175; TP 1170; SJ 44; OH 13 1/2"; CASING 9 5/8" 32.3# H-40; MUD9.8 PPG. |
| Pump Water | 04/10/2013 16:57 | | 2 | 2 | | | 71.0 | Fresh water ahead to fill lines. |
| Test Lines | 04/10/2013 16:59 | | | | | 4010.0 | | Test line to psi, Found no leaks, good test. |
| Pump Spacer 1 | 04/10/2013 17:07 | | 4 | 20 | | | 109.0 | 20 BBL's fresh water. |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|-----------------------------|------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Lead Cement | 04/10/2013 17:16 | | 7 | 67.8 | | | 316.0 | 160 sks Lead cement, 12.3 ppg, 2.38 cf3, 13.75gal/sk. |
| Pump Tail Cement | 04/10/2013 17:28 | | 7 | 60.1 | | | 336.0 | 160 sks Tail cement, 12.8 ppg, 2.11 cf3, 11.75 gal/sk. |
| Shutdown | 04/10/2013 17:38 | | | | | | | |
| Drop Plug | 04/10/2013 17:40 | | | | | | | Plug left Container. |
| Pump Displacement | 04/10/2013 17:41 | | 10 | 78.6 | | | 590.0 | Fresh water displacement. |
| Slow Rate | 04/10/2013 17:52 | | 2 | 10 | | | 270.0 | Slow rate last 10 BBL's of displacement prior to bumping the plug. |
| Bump Plug | 04/10/2013 17:55 | | | | 88.6 | | 745.0 | Plug landed. Took to 745 psi. |
| Check Floats | 04/10/2013 17:59 | | | | | | | Floats Held. BBL's back. 28 BBL's of good cement to surface. |
| End Job | 04/10/2013 18:02 | | | | | | | |
| Pre-Rig Down Safety Meeting | 04/10/2013 18:05 | | | | | | | Including entire cement crew, discussed hazards and safety. |
| Rig-Down Equipment | 04/10/2013 18:10 | | | | | | | |
| Pre-Convoy Safety Meeting | 04/10/2013 19:00 | | | | | | | Including entire cement crew, discussed hazards, route, and safety. |
| Crew Leave Location | 04/10/2013 19:30 | | | | | | | |
| Other | 04/10/2013 19:30 | | | | | | | Thank You for using Halliburton, Ed Arnold and Crew. |

WPX - RWF 313-29

9 5/8" SURFACE



Local Event Log

| | | | | | |
|--------------|----------|---------------|----------|--------------------|----------|
| 1 START JOB | 05:39:44 | 2 FILL LINES | 05:40:21 | 3 TEST LINES | 05:42:11 |
| 4 H2O SPACER | 05:50:50 | 5 LEAD CEMENT | 06:00:03 | 6 TAIL CEMENT | 06:11:19 |
| 7 SHUT DOWN | 06:20:16 | 8 DROP PLUG | 06:21:53 | 9 H2O DISPLACEMENT | 06:23:00 |
| 10 SLOW RATE | 06:31:46 | 11 BUMP PLUG | 06:35:32 | 12 CHECK FLOATS | 06:38:21 |
| 13 END JOB | 06:40:01 | | | | |

Customer: WPX
Well Description: RWF 313-29
Company Rep: RON TOWERS

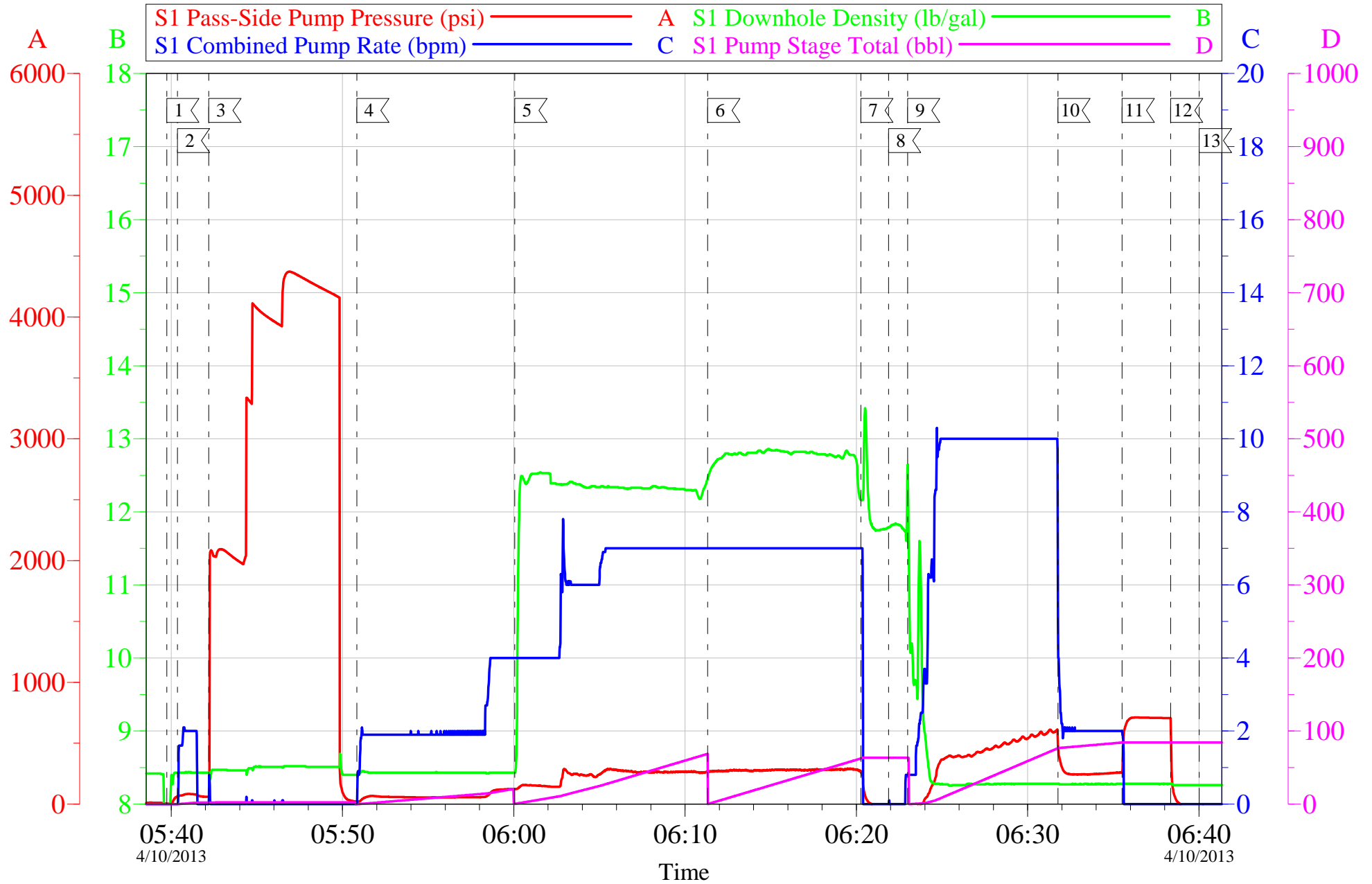
Job Date: 10-Apr-2013
Job Type: SURFACE
Cement Supervisor: ED ARNOLD

Sales Order #: 900347225
ADC Used: YES
Elite #7: JEROD SIMINEO

OptiCem v6.4.10
10-Apr-13 06:45

WPX - RWF 313-29

9 5/8" SURFACE



| | | |
|------------------------------|------------------------------|--------------------------|
| Customer: WPX | Job Date: 10-Apr-2013 | Sales Order #: 900347225 |
| Well Description: RWF 313-29 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: RON TOWERS | Cement Supervisor: ED ARNOLD | Elite #7: JEROD SIMINEO |

OptiCem v6.4.10
10-Apr-13 06:46

| | | |
|--|--|--|
| Sales Order #: 900351033 | Line Item: 10 | Survey Conducted Date: 4/10/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: MATT HUDSON | | API / UWI: (leave blank if unknown) 05-045-21821 |
| Well Name: PA | | Well Number: 311-11 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | Well State: Oklahoma | 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 | 4/10/2013 |
| 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) | 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 |
|---------------------------|

| | | |
|--|--|--|
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| Customer Representative: MATT HUDSON | | API / UWI: (leave blank if unknown) 05-045-21821 |
| Well Name: PA | | Well Number: 311-11 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | Well State: Oklahoma | Well County: Garfield |

KEY PERFORMANCE INDICATORS

| General | |
|-----------------------------------|-----------|
| Survey Conducted Date | 4/10/2013 |
| 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) | 4.5 |
| 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 |
| 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 | 5 |
| 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 |

| | | |
|--|--|--|
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| Customer Representative: MATT HUDSON | | API / UWI: (leave blank if unknown) 05-045-21821 |
| Well Name: PA | | Well Number: 311-11 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: | Well State: Oklahoma | 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 | 99 |
| 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 | 100 |
| 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 |