
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**PA 512-11
RULISON
Garfield County , Colorado**

Cement Surface Casing
24-Apr-2013

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|---|------------------------------|--|---------------------------------|
| Sold To #: 300721 | Ship To #: 2993189 | Quote #: | Sales Order #: 900386371 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Duniho, Al | |
| Well Name: PA | | Well #: 512-11 | API/UWI #: |
| Field: RULISON | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| 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 | | Srvc Supervisor: | MBU ID Emp #: |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-----------------------|---------|--------|-------------------------------|---------|--------|-----------------|---------|--------|
| CASTILLO, FRANCISCO P | 9 | 513620 | KAMMEIER, CHRISTOPHER Michael | 9 | 524554 | SINCLAIR, DAN J | 9 | 338784 |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10567589C | 60 mile | 10867304 | 60 mile | 10998054 | 60 mile | 11259881 | 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 |
|---------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 4/24/13 | 9 | 1 | | | | | | |

TOTAL Total is the sum of each column separately

Job

Job Times

| Formation Name | Date | Time | Time Zone |
|---|--------------------------------------|-------|-----------|
| Formation Depth (MD) Top SURFACE Bottom 921 | Called Out 24 - Apr - 2013 | 10:00 | MST |
| Form Type BHST | On Location 24 - Apr - 2013 | 12:00 | MST |
| Job depth MD 921. ft Job Depth TVD 921. ft | Job Started 24 - Apr - 2013 | 19:00 | MST |
| Water Depth | Job Completed 24 - Apr - 2013 | 19:45 | MST |
| Perforation Depth (MD) From To | Departed Loc 24 - 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 |
|----------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| OPEN HOLE | | | | 12.25 | | | | . | 930. | | |
| SURFACE CASING | New | | 9.625 | 9.001 | 32.3 | | I-80 | . | 930. | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|-------|-----|------|-------|-------------|------|-----|------|-------|----------------|-------|-----|------|
| Guide Shoe | 9.625 | 1 | WTF | 906 | Packer | | | | | Top Plug | 9.625 | 1 | HES |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | 9.625 | 1 | WTF | 859.2 | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | 9.625 | 1 | HES |
| Stage Tool | | | | | | | | | | Centralizers | 9.625 | 7 | WTF |

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 | 4 | |
| 2 | VersaCem Tail Cement | VERSACEM (TM) SYSTEM (452010) | 250.0 | sacks | 12.8 | 2.11 | 11.75 | 7 | 11.75 |
| 3 | Fresh Water Displacement | | 68.00 | bbl | . | .0 | .0 | 9.5 | |
| Calculated Values | | Pressures | | | Volumes | | | | |
| Displacement | 68 | Shut In: Instant | | Lost Returns | NONE | Cement Slurry | 94 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 20 | Actual Displacement | 68 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | 182 |
| Rates | | | | | | | | | |
| Circulating | RIG | Mixing | 7 | Displacement | 9.5 | Avg. Job | 7 | | |
| Cement Left In Pipe | Amount | 46.6 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

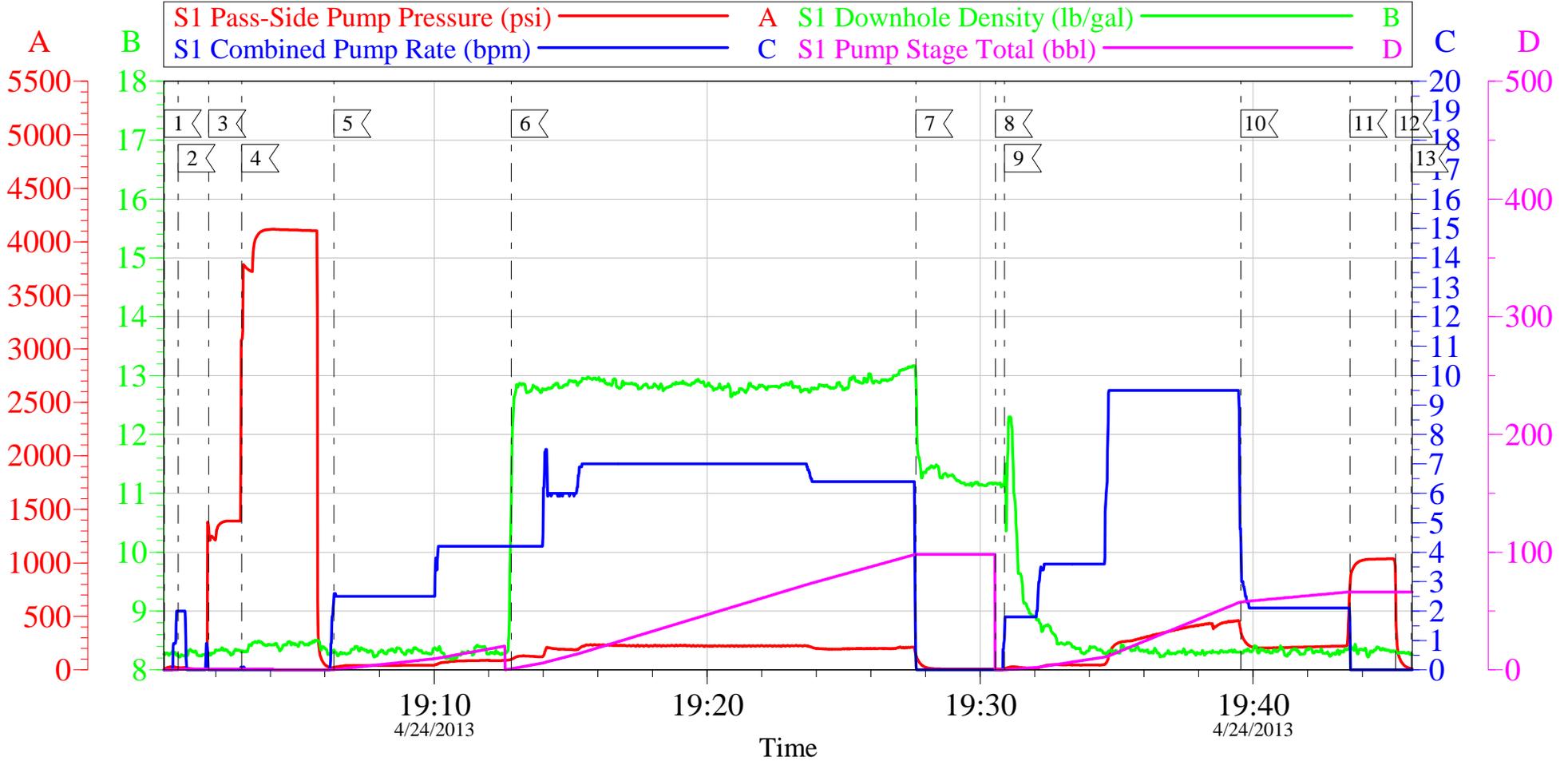
| | | | |
|---|------------------------------|--|---------------------------------|
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| Well Name: PA | | Well #: 512-11 | API/UWI #: |
| Field: RULISON | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: | | Long: | |
| 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: | MBU ID Emp #: |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pre-Convoy Safety Meeting | 04/24/2013 10:50 | | | | | | | ALL HES PERSONEL |
| Crew Leave Yard | 04/24/2013 11:00 | | | | | | | LEFT NABORS 576 |
| Arrive At Loc | 04/24/2013 12:00 | | | | | | | DRILLING RIG WAS STILL DRILLING/LEFT CEMENT TRUCKS ON A LOCATION ABOVE TO KEEP OUT OF THE WAY TILL RIG FINISHED DRILLING |
| Assessment Of Location Safety Meeting | 04/24/2013 15:50 | | | | | | | ALL HES PERSONEL |
| Rig-Up Equipment | 04/24/2013 16:00 | | | | | | | 1-ELITE, 1-660 CUFT BULK TRUCK, 2" PUMPING IRON, 9.625" PLUG CONTAINER AND QUICK CONNECT |
| Rig-Up Completed | 04/24/2013 16:30 | | | | | | | |
| Pre-Job Safety Meeting | 04/24/2013 18:50 | | | | | | | ALL HES PERSONEL AND RIG CREW |
| Start Job | 04/24/2013 19:00 | | | | | | | TP- 906', TD- 921', SJ- 46.80', CSG- 9.625 32.3# H-40, OH- 13.5, MUD-9.1 PPG |
| Other | 04/24/2013 19:00 | | 2 | 2 | | | 22.0 | FILL LINES |
| Other | 04/24/2013 19:01 | | 0.2 | 0.2 | | | | STALL OUT/PRESSURE HELD AT 1392 PSI |
| Pressure Test | 04/24/2013 19:02 | | 0.2 | 0.2 | | | | ALL LINES HELD PRESSURE AT 4116 PSI |
| Pump Spacer 1 | 04/24/2013 19:06 | | 4 | 20 | | | 70.0 | FRESH WATER |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|--|---------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Cement | 04/24/2013 19:12 | | 7 | 94 | | | 230.0 | 250 SKS, 12.8 PPG, 2.11 FT3/ SK, 11.75 GAL/SK, SETUP TIME 1:51 HRS AT 70 BC |
| Shutdown | 04/24/2013 19:27 | | | | | | | |
| Drop Top Plug | 04/24/2013 19:30 | | | | | | | PLUG DROP VERIFIED BY CUSTOMER AND DRILLER |
| Pump Displacement | 04/24/2013 19:30 | | 9.5 | 58 | | | 440.0 | FRESH WATER, GOT RETURNS 48 BBLS INTO DISPLACEMENT, GOT 20 BBLS/53 SKS OF CEMENT TO SURFACE/FIRST 10 BBLS WERE PUMPED AT 4 BPM WITH 48 PSI |
| Slow Rate | 04/24/2013 19:39 | | 2 | 10 | | | 225.0 | |
| Bump Plug | 04/24/2013 19:43 | | | 68 | | | 1037.0 | |
| Check Floats | 04/24/2013 19:45 | | | | | | | FLOATS HELD |
| End Job | 04/24/2013 19:45 | | | | | | | |
| Post-Job Safety Meeting (Pre Rig-Down) | 04/24/2013 19:50 | | | | | | | ALL HES PERSONEL |
| Depart Location for Service Center or Other Site | 04/24/2013 21:00 | | | | | | | |
| Other | 04/24/2013 21:01 | | | | | | | THANK YOU FOR CHOOSING HALLIBURTON, JAVIER CASTILLO AND CREW |

WPX PA 512-11

9 5/8 SURFACE

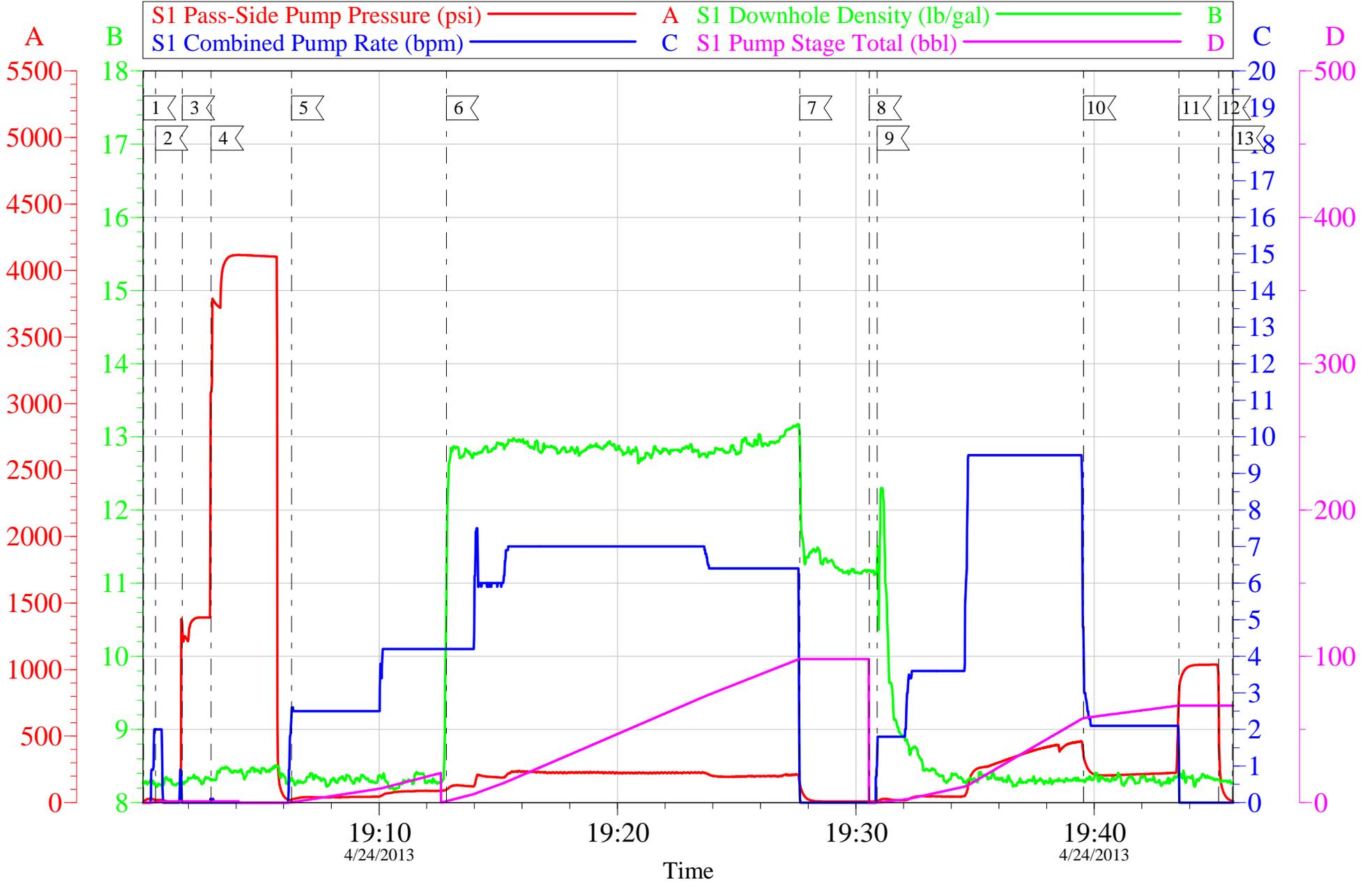


| Local Event Log | | | | | |
|-----------------|--------------|----------|----|---------------|----------|
| 1 | START JOB | 19:00:07 | 2 | FILL LINES | 19:00:37 |
| 3 | STALL OUT | 19:01:45 | 4 | TEST LINES | 19:02:57 |
| 5 | WATER SPACER | 19:06:20 | 6 | CEMENT SLURRY | 19:12:49 |
| 7 | SHUTDOWN | 19:27:39 | 8 | DROP PLUG | 19:30:34 |
| 9 | DISPLACEMENT | 19:30:54 | 10 | SLOW RATE | 19:39:33 |
| 11 | BUMP PLUG | 19:43:33 | 12 | CHECK FLOATS | 19:45:13 |
| 13 | END JOB | 19:45:48 | | | |

| | | | | | |
|-------------------|-----------|--------------------|-----------------|----------------|----------------------|
| Customer: | WPX | Job Date: | 24-Apr-2013 | Sales Order #: | 900386371 |
| Well Description: | PA 512-11 | Job Type: | SURFACE | ADC Used: | YES |
| Company Rep: | AL DUNIHO | Cement Supervisor: | JAVIER CASTILLO | Elite #3: | CHRIS K/DAN SINCLAIR |

WPX PA 512-11

9 5/8 SURFACE



| | | |
|-----------------------------|------------------------------------|--------------------------------|
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| Well Description: PA 512-11 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: AL DUNIHO | Cement Supervisor: JAVIER CASTILLO | Elite #3: CHRIS K/DAN SINCLAIR |

OptiCem v6.4.10
24-Apr-13 19:59

HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: JAVIER CASTILLO
Attention: J.Trout
Lease: PA
Well #: 512-11

Date: 4/24/2013
Date Rec.: 4/24/2013
S.O.#: 900386371
Job Type: SURFACE

| | | |
|-----------------------------|--------------|-------------------|
| Specific Gravity | <i>MAX</i> | 1 |
| pH | <i>8</i> | 7 |
| Potassium (K) | <i>5000</i> | 200 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> | 200 Mg / L |
| Chlorine (Cl ₂) | | 0 Mg / L |
| Temp | <i>40-80</i> | 50 Deg |
| Total Dissolved Solids | | 100 Mg / L |

Respectfully: JAVIER CASTILLO

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 if

| | | |
|--|--|---|
| Sales Order #: 900386371 | Line Item: 10 | Survey Conducted Date: 4/24/2013 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: AL DUNIHO | | API / UWI: (leave blank if unknown) AFEYC4LDTFKXDUQXAAA |
| Well Name: PA | | Well Number: 512-11 |
| 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 | 4/24/2013 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | FRANCISCO CASTILLO (HB85312) |
| 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 |
|---------------------------|

| | | |
|--|--|---|
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| Well Name: PA | | Well Number: 512-11 |
| 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 | 4/24/2013 |
| 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) | 9 |
| 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: AL DUNIHO | | API / UWI: (leave blank if unknown) AFEYC4LDTFKXDUQXAAA |
| Well Name: PA | | Well Number: 512-11 |
| 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 | 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 | 95 |
| 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 |