
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**KP 21-17
KOKOPELLI
Garfield County , Colorado**

Cement Surface Casing
17-Feb-2012

Post Job Summary

The Road to Excellence Starts with Safety

| | | | |
|--|---------------------------|--|--------------------------------|
| Sold To #: 300721 | Ship To #: 2907782 | Quote #: | Sales Order #: 9220735 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Hutson, Matt | |
| Well Name: KP | | Well #: 21-17 | API/UWI #: 05-045-20983 |
| Field: KOKOPELLI | City (SAP): SILT | County/Parish: Garfield | State: Colorado |
| Lat: N 39.536 deg. OR N 39 deg. 32 min. 7.984 secs. | | Long: W 107.58 deg. OR W -108 deg. 25 min. 12.846 secs. | |
| Contractor: NABORS | | Rig/Platform Name/Num: NABORS 574 | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: SCOTT, KYLE | | Srvc Supervisor: SMITH, DUSTIN | MBU ID Emp #: 418015 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|--------------------------|---------|--------|----------------------|---------|--------|--------------|---------|--------|
| HYDE, DUSTIN | 4 | 453940 | KUKUS, CHRISTOPHER A | 4 | 413952 | LINN, ANDREW | 4 | 479143 |
| SMITH, DUSTIN Michael | 4 | 418015 | | | | | | |

Equipment

| HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10297346 | 60 mile | 10867423 | 60 mile | 10871245 | 60 mile | 10897887 | 60 mile |
| 11071559 | 60 mile | 11259883 | 60 mile | 11808831 | 60 mile | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|--------------|-------------------|-----------------|---|-------------------|-----------------|------|-------------------|-----------------|
| 2/16/12 | 1.5 | 1 | 2/17/12 | 2.5 | 1.5 | | | |
| TOTAL | 4 | 2.5 | <i>Total is the sum of each column separately</i> | | | | | |

Job

Job Times

| Formation Name | Top | Bottom | Called Out | Date | Time | Time Zone |
|-------------------------------|-------------|--------------------------|--------------------|----------------------|-----------------|-----------|
| Formation Depth (MD) | | | On Location | 16 - Feb - 2012 | 18:30 | MST |
| Form Type | BHST | | Job Started | 16 - Feb - 2012 | 22:30 | MST |
| Job depth MD | 1265. ft | Job Depth TVD | 1265. ft | Job Completed | 17 - Feb - 2012 | 00:35 |
| Water Depth | | Wk Ht Above Floor | 5. ft | Departed Loc | 17 - Feb - 2012 | 02:30 |
| Perforation Depth (MD) | <i>From</i> | <i>To</i> | | | | |

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 | | | | | | | | | |
|--|--------------------|-------------------------------|--------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|
| 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 | | 20.00 | bbl | 8.33 | .0 | .0 | 4.0 | |
| 2 | Lead Cement | VERSACEM (TM) SYSTEM (452010) | 180.0 | sacks | 12.3 | 2.38 | 13.75 | 7.0 | 13.75 |
| 3 | Tail Cement | VERSACEM (TM) SYSTEM (452010) | 160.0 | sacks | 12.8 | 2.11 | 11.75 | 7.0 | 11.75 |
| 11.75 Gal | | FRESH WATER | | | | | | | |
| 4 | Displacement Fluid | | 92.9 | bbl | 8.34 | .0 | .0 | 10.0 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 92.9 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 136.4 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 15 | Actual Displacement | 92.9 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | 249.3 |
| Rates | | | | | | | | | |
| Circulating | | Mixing | 7 | Displacement | 10 | Avg. Job | 8.5 | | |
| Cement Left In Pipe | Amount | 44.25 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 #: 2907782 | Quote #: | Sales Order #: 9220735 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Hutson, Matt | |
| Well Name: KP | | Well #: 21-17 | API/UWI #: 05-045-20983 |
| Field: KOKOPELLI | City (SAP): SILT | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.536 deg. OR N 39 deg. 32 min. 7.984 secs. | | Long: W 107.58 deg. OR W -108 deg. 25 min. 12.846 secs. | |
| Contractor: NABORS | | Rig/Platform Name/Num: NABORS 574 | |
| Job Purpose: Cement Surface Casing | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: SCOTT, KYLE | | Srvc Supervisor: SMITH, DUSTIN | MBU ID Emp #: 418015 |

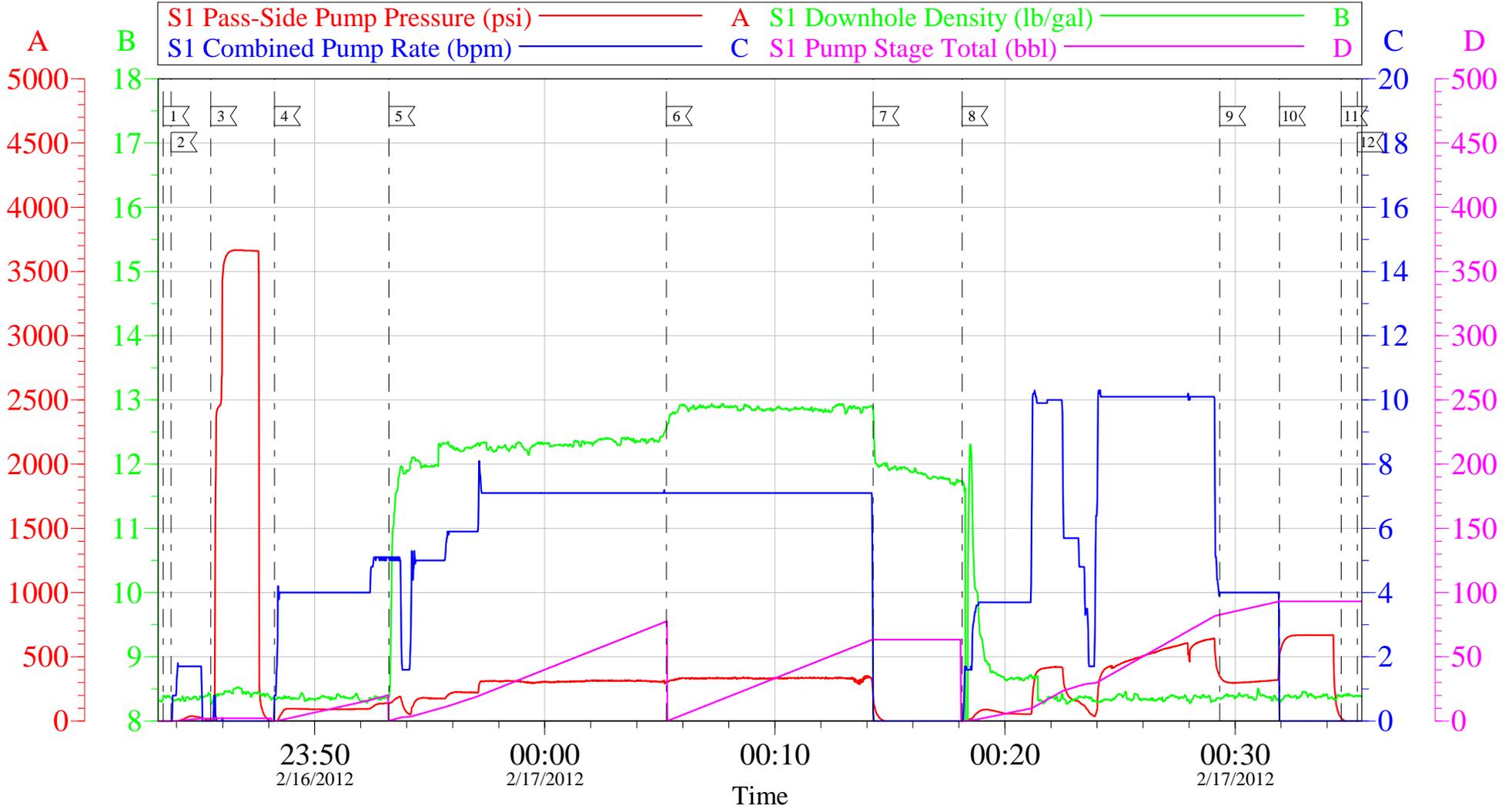
| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 02/16/2012 18:30 | | | | | | | ELITE # 8 |
| Depart Yard Safety Meeting | 02/16/2012 20:30 | | | | | | | ALL HES EMPLOYEES |
| Arrive At Loc | 02/16/2012 22:30 | | | | | | | REQUESTED ON LOCATION TIME WAS 2030 ARRIVED ON LOCATION @ 2230 STARTED CHARGING TIME THEN RIG ON BOTTOM CIRCULATING |
| Assessment Of Location Safety Meeting | 02/16/2012 22:35 | | | | | | | ALL HES EMPLOYEES |
| Pre-Rig Up Safety Meeting | 02/16/2012 22:35 | | | | | | | ALL HES EMPLOYEES |
| Rig-Up Equipment | 02/16/2012 22:45 | | | | | | | 1 F-550 PICKUP 1 HT-400 PUMP TRUCK 2 660 BULK TRUCKS |
| Pre-Job Safety Meeting | 02/16/2012 23:30 | | | | | | | ALL HES EMPLOYEES AND RIG CREW |
| Rig-Up Completed | 02/16/2012 23:43 | | | | | | | RIG CIRCULATED FOR 2 HOURS PRIOR TO JOB |
| Start Job | 02/16/2012 23:43 | | | | | | | TD:1265 TP: 1225 SJ: 44.25 9 5/8 32.3# CSG 13 1/2 OH MUD WT: 9.7 PPG |
| Test Lines | 02/16/2012 23:45 | | | | | 3680.0 | | PRESSURE TEST OK |
| Pump Spacer | 02/16/2012 23:48 | | 4 | 20 | 20 | | 155.0 | FRESH WATER |
| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
| | | | | Stage | Total | Tubing | Casing | |

| | | | | | | | | |
|-----------------------------|---------------------|------------|------------------------------|-----------------------|--------------------------|--|-------|---|
| Pump Lead Cement | 02/16/2012 23:53 | | 7 | 76.3 | 76.3 | | 330.0 | 180 SKS 12.3 PPG 2.38 YIELD 13.75 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT |
| Pump Tail Cement | 02/17/2012 00:05 | | 7 | 60.1 | 60.1 | | 350.0 | 160 SKS 12.8 2.11 YIELD 11.75 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT |
| Shutdown | 02/17/2012 00:14 | | | | | | | |
| Drop Plug | 02/17/2012 00:14 | | | | | | | PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF PLUG AS PER COMPANY REP |
| Pump Displacement | 02/17/2012 00:18 | | 10 | 92.9 | 92.9 | | 656.0 | FRESH WATER HAD TO SLOW RATE AT BEGINNING OF DISPLACEMENT DUE TO NOT BEING ABLE TO PULL WATER FROM TRANSPORT RESOLVED ISSUE AND BROUGHT RATE BACK UP |
| Slow Rate | 02/17/2012 00:29 | | 4 | 82 | 82 | | 340.0 | SLOW RATE TO BUMP PLUG |
| Bump Plug | 02/17/2012 00:31 | | 4 | 92.9 | 92.2 | | 680.0 | PSI BEFORE BUMPING PLUG @ 340 BUMPED PLUG UP TO 680 |
| Check Floats | 02/17/2012 00:34 | | | | | | | FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS |
| End Job | 02/17/2012 00:35 | | | | | | | GOOD CIRCULATION THROUGHOUT JOB NO PIPE MOVEMENT DURING JOB 15 BBLs CEMENT TO SURFACE |
| Pre-Rig Down Safety Meeting | 02/17/2012 00:45 | | | | | | | ALL HES EMPLOYEES |
| Rig-Down Equipment | 02/17/2012 01:00 | | | | | | | |
| Pre-Convoy Safety Meeting | 02/17/2012 02:20 | | | | | | | ALL HES EMPLOYEES |
| Activity Description | Date/Time | Cht | Rate bbl/ min | Volume bbl | Pressure psig | | | Comments |

| | | # | | Stage | Total | Tubing | Casing | |
|---------------------|---------------------|---|--|-------|-------|--------|--------|---|
| Crew Leave Location | 02/17/2012 02:30 | | | | | | | THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN SMITH AND CREW |

WPX KP 21-17

9 5/8 SURFACE

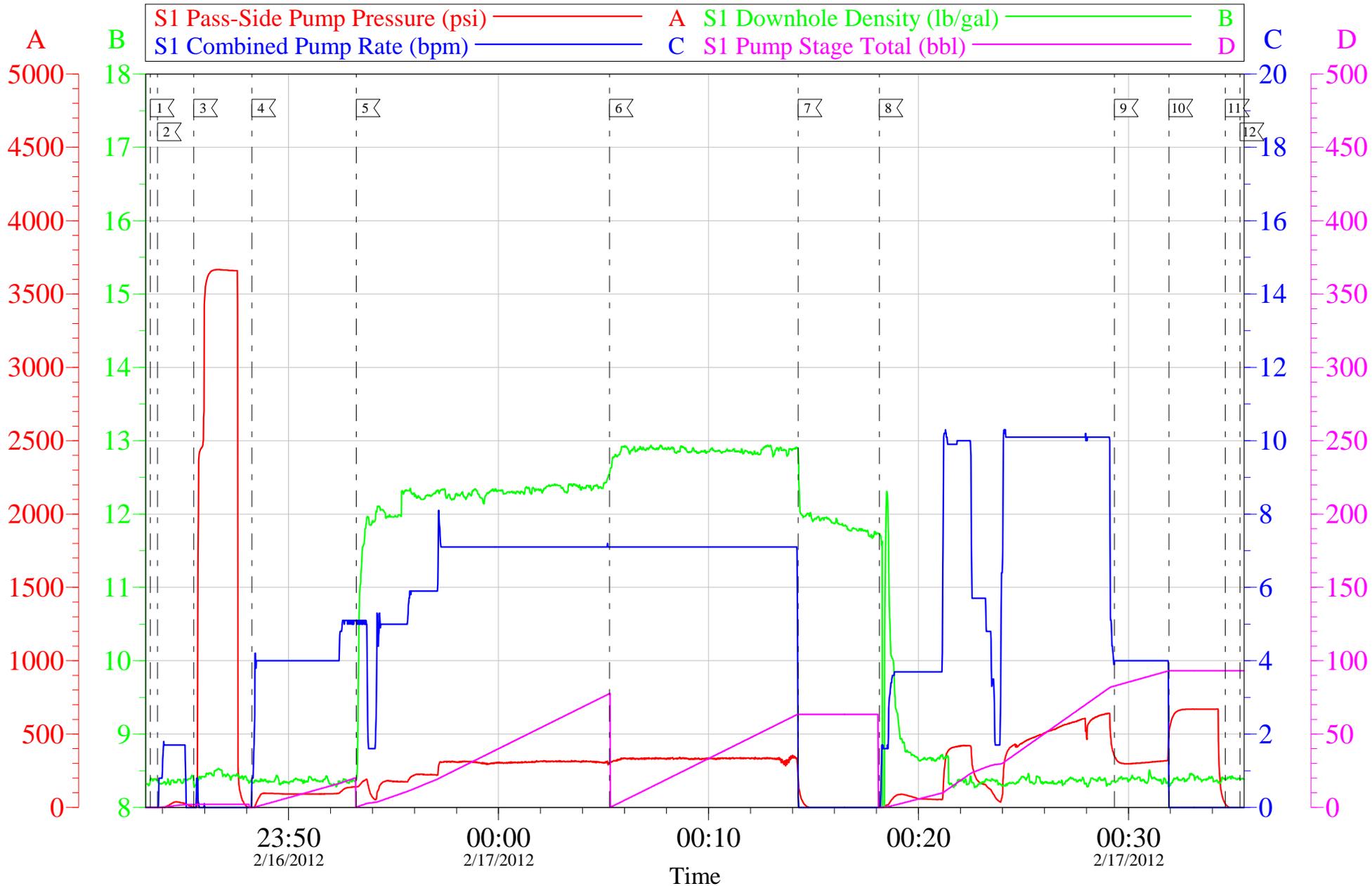


| Local Event Log | | | |
|-----------------|---------------------|--------------------|----|
| 1 | START JOB | 2/16/2012 23:43:25 | 2 |
| 2 | FILL LINES | 2/16/2012 23:43:45 | 3 |
| 3 | TEST LINES | 2/16/2012 23:45:29 | 4 |
| 4 | PUMP H2O SPACER | 2/16/2012 23:48:15 | 5 |
| 5 | PUMP LEAD CEMENT | 2/16/2012 23:53:13 | 6 |
| 6 | PUMP TAIL CEMENT | 2/17/2012 00:05:17 | 7 |
| 7 | SHUTDOWN/ DROP PLUG | 2/17/2012 00:14:16 | 8 |
| 8 | PUMP DISPLACEMENT | 2/17/2012 00:18:08 | 9 |
| 9 | SLOW RATE | 2/17/2012 00:29:20 | 10 |
| 10 | BUMP PLUG | 2/17/2012 00:31:56 | 11 |
| 11 | CHECK FLOATS | 2/17/2012 00:34:37 | 12 |
| 12 | END JOB | 2/17/2012 00:35:19 | |

| | | |
|----------------------------|---------------------------------|------------------------|
| Customer: WPX | Job Date: 16-Feb-2012 | Sales Order #: 9220735 |
| Well Description: KP 21-17 | Job Type: 9 5/8 SURFACE | ADC Used: YES |
| Company Rep: MATT HUTSON | Cement Supervisor: DUSTIN SMITH | Elite #: 8 CHRIS KUKUS |

WPX KP 21-17

9 5/8 SURFACE



Customer: WPX
 Well Description: KP 21-17
 Company Rep: MATT HUTSON

Job Date: 16-Feb-2012
 Job Type: 9 5/8 SURFACE
 Cement Supervisor: DUSTIN SMITH

Sales Order #: 9220735
 ADC Used: YES
 Elite #: 8 CHRIS KUKUS

OptiCem v6.4.10
 17-Feb-12 00:45

HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: DUSTIN SMITH
Attention: J. TROUT/C.MARTINEZ
Lease: KP
Well #: 21-17

Date: 2/16/2012
Date Rec.: 2/16/2012
S.O.#: 9220735
Job Type: SURFACE

| | | |
|-----------------------------|--------------|-------------------------|
| 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> | 50 Deg |
| Total Dissolved Solids | | 560 Mg / L |

Respectfully: DUSTIN SMITH

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 c

| | | |
|--|--|--|
| Sales Order #: 9220735 | Line Item: 10 | Survey Conducted Date: 2/17/2012 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: MATT HUTSON | | API / UWI: (leave blank if unknown) 05-045-20983 |
| Well Name: KP | | Well Number: 21-17 |
| 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 | 2/17/2012 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | DUSTIN SMITH (HX37079) |
| Customer Participation | Did the customer participate in this survey? (Y/N) | Yes |
| Customer Representative | Enter the Customer representative name | MATT HUTSON |
| 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 #: 9220735 | Line Item: 10 | Survey Conducted Date: 2/17/2012 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: MATT HUTSON | | API / UWI: (leave blank if unknown) 05-045-20983 |
| Well Name: KP | | Well Number: 21-17 |
| 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 | 2/17/2012 |
| 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) | 2.5 |
| 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 | 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 #: 9220735 | Line Item: 10 | Survey Conducted Date: 2/17/2012 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: MATT HUTSON | | API / UWI: (leave blank if unknown) 05-045-20983 |
| Well Name: KP | | Well Number: 21-17 |
| 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 |