
WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

**Bosely SG 11-27
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
05-Jan-2014**

Post Job Report

The Road to Excellence Starts with Safety

| | | | |
|---|------------------------------|--|---------------------------------|
| Sold To #: 300721 | Ship To #: 3189568 | Quote #: | Sales Order #: 901011486 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Brunk, Andrew | |
| Well Name: Bosely SG | | Well #: 11-27 | API/UWI #: 05-045-22127 |
| Field: GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Lat: N 39.414 deg. OR N 39 deg. 24 min. 51.199 secs. | | Long: W 108.099 deg. OR W -109 deg. 54 min. 4.741 secs. | |
| Contractor: Aztec | | Rig/Platform Name/Num: Azrec 1000 | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: MAYO, MARK | | Srvc Supervisor: CASTILLO, FRANCISCO | MBU ID Emp #: 513620 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-----------------------|---------|--------|-----------------|---------|--------|--------------------------|---------|--------|
| CASTILLO, FRANCISCO P | 12 | 513620 | SINCLAIR, DAN J | 12 | 338784 | WILSON, BENJAMIN Wallace | 12 | 533647 |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10025118 | 60 mile | 10567589C | 60 mile | 11259884 | 60 mile | 11360881 | 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 |
|--------------|-------------------|-----------------|---|-------------------|-----------------|------|-------------------|-----------------|
| 01/05/13 | 6 | 0 | 01/06/13 | 6 | 1.5 | | | |
| TOTAL | | | <i>Total is the sum of each column separately</i> | | | | | |

Job

Job Times

| Formation Name | Top | SURFACE | Bottom | 1308 | Called Out | Date | Time | Time Zone |
|-------------------------------|-------------|--------------------------|-------------|----------------------|--------------------|-----------------|-------|-----------|
| Form Type | | | BHST | | On Location | 05 - Jan - 2014 | 18:00 | MST |
| Job depth MD | 1288 ft | Job Depth TVD | | 1288 | | | 02:09 | MST |
| Water Depth | | Wk Ht Above Floor | 3. ft | Job Completed | 05 - Jan - 2014 | 03:30 | | GMT |
| Perforation Depth (MD) | <i>From</i> | | <i>To</i> | Departed Loc | 05 - Jan - 2014 | 06:00 | | 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 | 9.625 | 1 | WTF | 1288 | Packer | | | | | Top Plug | 4.5 | 1 | HES |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | 9.625 | 1 | WTF | 1240. | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | 9.625 | | |
| 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

| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density uom | Yield uom | Mix Fluid uom | Rate uom | Total Mix Fluid uom |
|---------|------------|------------|-----|---------|--------------------|-----------|---------------|----------|---------------------|
| | | | | | | | | | |

| 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 Sapper | | 20.00 | bbl | . | .0 | .0 | 4 | | |
| 2 | VersaCem Lead | VARICEM (TM) CEMENT (452009) | 170.0 | sacks | 12.3 | 2.38 | 13.75 | 8 | 13.75 | |
| | 13.75 Gal | FRESH WATER | | | | | | | | |
| 3 | VersaCem Tail | VARICEM (TM) CEMENT (452009) | 160.0 | sacks | 12.8 | 2.11 | 11.75 | 8 | 11.75 | |
| | 11.75 Gal | FRESH WATER | | | | | | | | |
| 4 | Displacement Fluid | | 98.00 | bbl | 8.34 | .0 | .0 | 10 | | |
| Calculated Values | | Pressures | | | Volumes | | | | | |
| Displacement | 97.7 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 8 | Pad | | |
| Top Of Cement | | 5 Min | | Cement Returns | 18 | Actual Displacement | | Treatment | | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | 250 | |
| Rates | | | | | | | | | | |
| Circulating | RIG | Mixing | 8 | Displacement | 10 | 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 | | | | | | |

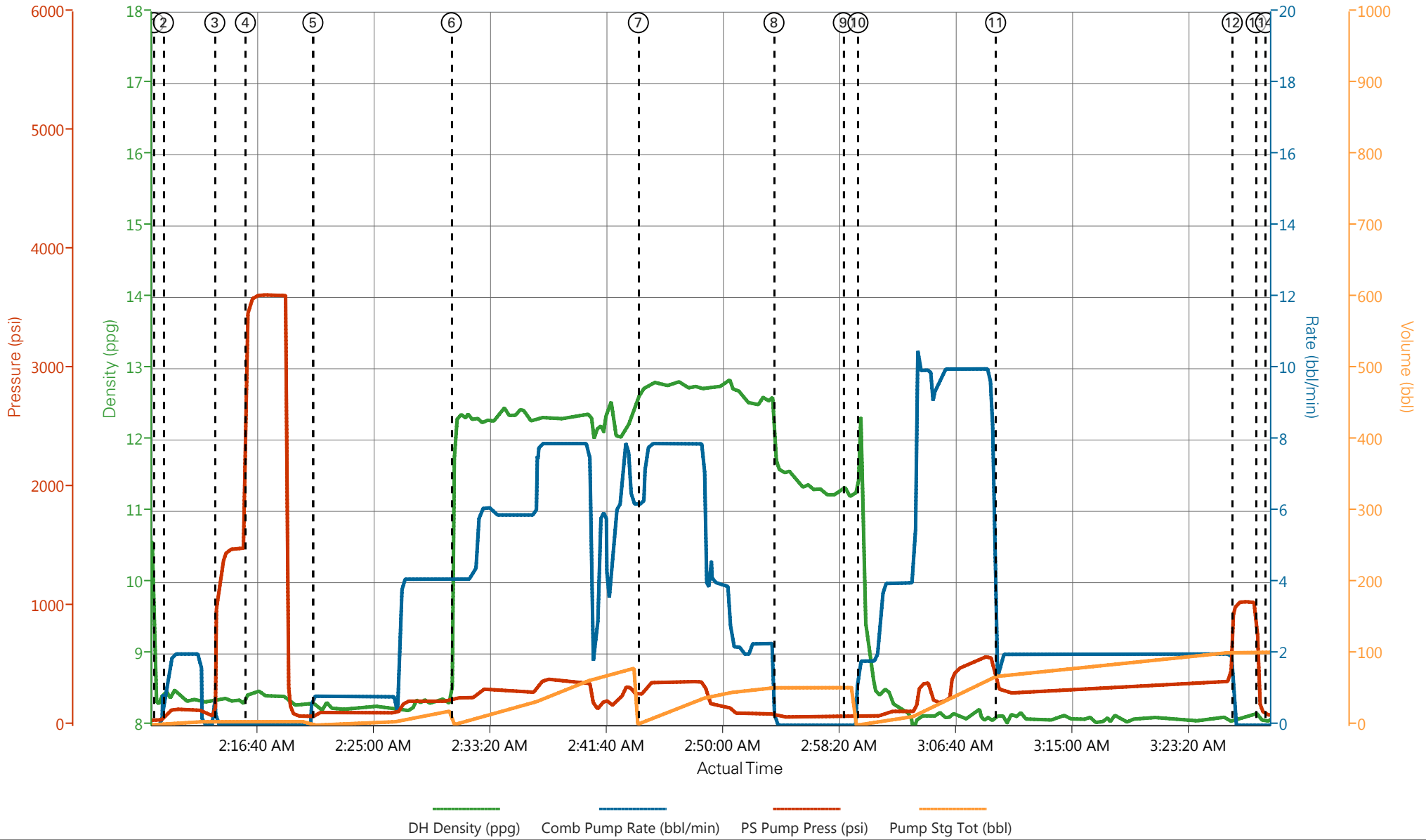
The Road to Excellence Starts with Safety

| | | | |
|---|------------------------------|--|---------------------------------|
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| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Customer Rep: Brunk, Andrew | |
| Well Name: Bosely SG | | Well #: 11-27 | API/UWI #: 05-045-22127 |
| Field: GRAND VALLEY | City (SAP): PARACHUTE | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.414 deg. OR N 39 deg. 24 min. 51.199 secs. | | Long: W 108.099 deg. OR W -109 deg. 54 min. 4.741 secs. | |
| Contractor: Aztec | | Rig/Platform Name/Num: Azrec 1000 | |
| Job Purpose: Cement Surface Casing | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: MAYO, MARK | | Srvc Supervisor: CASTILLO, FRANCISCO | MBU ID Emp #: 513620 |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 01/05/2014 15:30 | | | | | | | ON LOCATION AT 20:30 HRS |
| Pre-Convoy Safety Meeting | 01/05/2014 16:50 | | | | | | | ALL HES PERSONEL |
| Crew Leave Yard | 01/05/2014 17:00 | | | | | | | |
| Arrive At Loc | 01/05/2014 18:00 | | | | | | | RIG WAS PULLING DRILL COLLAR AND GETTING READY TO RUN CASING. HES TRUCKS WERE LEFT AT THE ENTRANCE OF LOCATION TILL CASING AND CASING RACKS WERE REMOVED TO MAKE ROOM TO RIG UP. |
| Assessment Of Location Safety Meeting | 01/06/2014 00:30 | | | | | | | ALL HES PERSONEL |
| Rig-Up Equipment | 01/06/2014 01:00 | | | | | | | 1-ELITE, 1-660 BULK TRUCKS, 2" PUMPING IRON, 9.625" PLUG CONTAINER AND QUICKLATCH |
| Rig-Up Completed | 01/06/2014 01:45 | | | | | | | |
| Pre-Job Safety Meeting | 01/06/2014 02:00 | | | | | | | ALL HES PERSONEL AND RIG CREW |
| Start Job | 01/06/2014 02:09 | | | | | | | TD-1308', OH-13.5", TP-1288', SJ-43.94', FC-1240.23', CSG-9.625", 32.3#, H-40, MUD-10 PPG, VISC-69 |
| Pump Water | 01/06/2014 02:10 | | 2 | 2 | | | 132.0 | FILL LINES |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|--|---------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Pressure Test | 01/06/2014 02:13 | | 0.2 | 0.2 | | | | STALL OUT TEST WITH 1489 PSI |
| Pressure Test | 01/06/2014 02:16 | | 0.2 | 0.2 | | | | PRESSURE TEST LINES WITH 3619 PSI |
| Pump Spacer | 01/06/2014 02:20 | | 4 | 20 | | | 220.0 | FRESH WATER |
| Pump Lead Cement | 01/06/2014 02:30 | | 8 | 72 | | | 350.0 | 170 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK, SETUP TIME 2:38 HRS AT 70 BC |
| Pump Tail Cement | 01/06/2014 02:44 | | 8 | 60 | | | 380.0 | 160 SKS, 12.8 PPG, 2.11 FT3/SK, 11.75 GAL/SK, SETUP TIME 1:51 HRS AT 70 BC |
| Shutdown | 01/06/2014 02:53 | | | | | | | |
| Drop Plug | 01/06/2014 02:58 | | | | | | | VERIFIED BY CUSTOMER |
| Pump Displacement | 01/06/2014 02:59 | | 10 | 60.7 | | | 550.0 | FIRST 10 BBLS PUMPED AT 4 BPM WITH 110 PSI |
| Slow Rate | 01/06/2014 03:09 | | 2 | 37 | | | 350.0 | |
| Bump Plug | 01/06/2014 03:26 | | | 97.6 | | | 1042.0 | CIRCULATED 18 BBLS / 43 SKS TO SURFACE |
| Check Floats | 01/06/2014 03:28 | | | | | | | FLOATS HELD/ 0.5 BBLS FLOW BACK TO DISPLACEMENT TANK |
| End Job | 01/06/2014 03:29 | | | | | | | |
| Post-Job Safety Meeting (Pre Rig-Down) | 01/06/2014 03:35 | | | | | | | |
| Rig-Down Completed | 01/06/2014 04:40 | | | | | | | |
| Depart Location Safety Meeting | 01/06/2014 04:50 | | | | | | | |
| Crew Leave Location | 01/06/2014 05:00 | | | | | | | |
| Other | 01/06/2014 05:01 | | | | | | | THANK YOU FOR YOUR BUSINESS FROM JAVIER CASTILLO AND CREW |

WPX SG 11-27 9 5/8 SURFACE



- ① Start Job 8.33;0;38;0 ④ Test Lines 8.43;0;3518;5.1 ⑦ Pump Tail Cement 12.73;6.2;261;3.2 ⑩ Pump Displacement 12.04;1.8;86;0.5 ⑬ Check Floats 8.08;0;195;102.5
- ② Fill Lines 8.49;1.2;82;0.3 ⑤ Pump Spacer 1 8.3;0.8;84;0.3 ⑧ Shutdown 11.55;0;75;52.8 ⑪ Slow Rate 8.15;1.6;303;69 ⑭ End Job 8.04;0;86;102.5
- ③ Stall Out 8.36;0;1134;5.1 ⑥ Pump Lead Cement 11.91;4.1;216;1.1 ⑨ Drop Plug 11.2;0;73;52.8 ⑫ Bump Plug 8.09;0;1006;102.5

HALLIBURTON | iCem® Service

Created: 2014-01-06 01:31:32, Version: 2.0.606

Edit

Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS

Job Date: 1/6/2014 1:32:15 AM

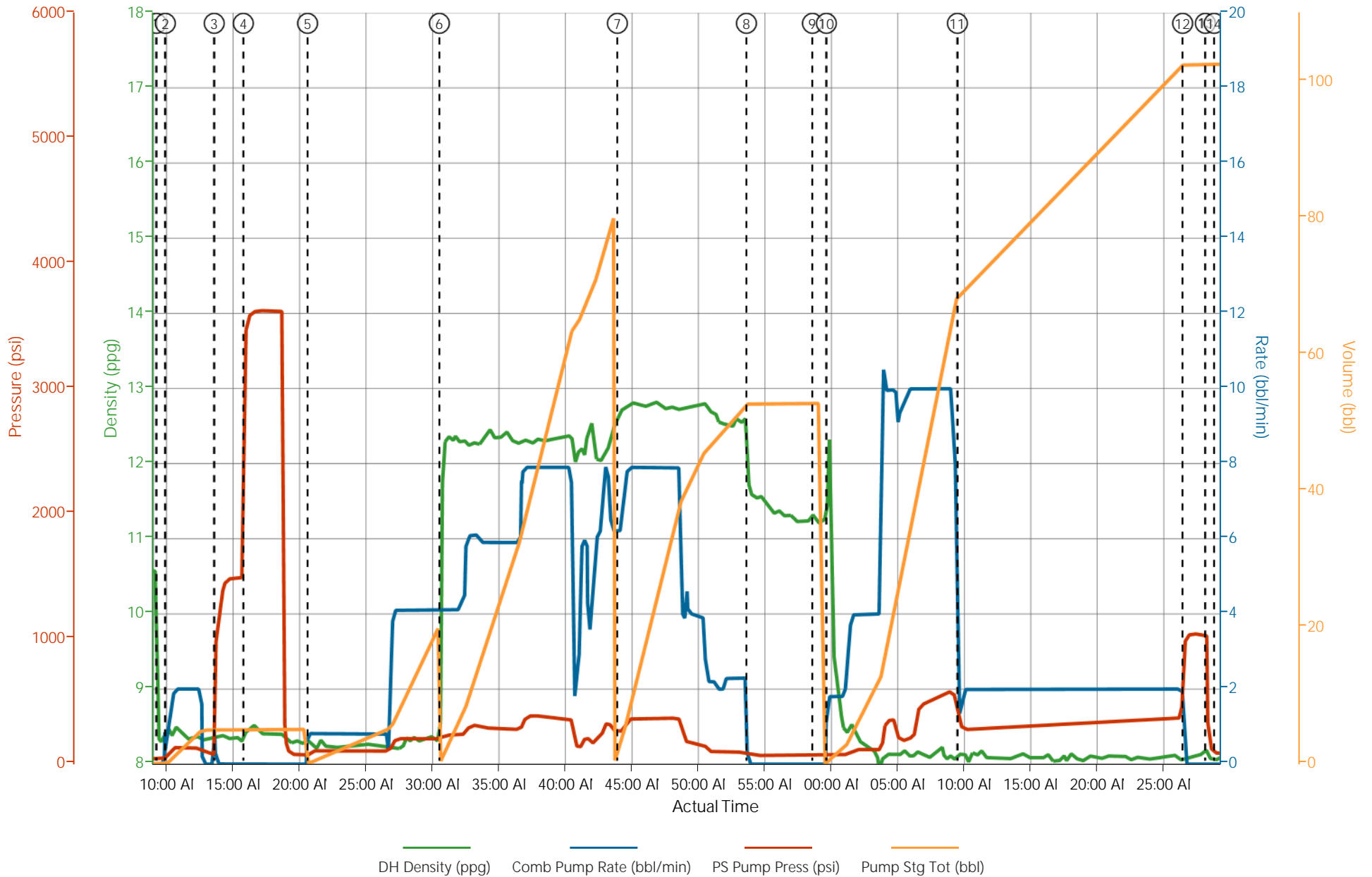
Well: SG 11-27

Representative: FRANK MOORE

Sales Order #: 901011486

ELITE # 3: J. CASTILLO / BEN WILSON

WPX SG 11-27 9 5/8 SURFACE



HALLIBURTON

Water Analysis Report

Company: WPX
Submitted by: JAVIER CASTILLO
Attention: J.Trout
Lease: SG
Well #: 41970

Date: 1/5/2014
Date Rec.: 1/5/2014
S.O.#: 901011486
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 | | 760 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

| | | |
|--|--|--|
| Sales Order #: 901011486 | Line Item: 10 | Survey Conducted Date: 1/6/2014 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: FRANK MOORE | | API / UWI: (leave blank if unknown) 05-045-22127 |
| Well Name: Bosely SG | | Well Number: 11-27 |
| 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 | 1/6/2014 |
| 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 | FRANK MOORE |
| 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 #: 901011486 | Line Item: 10 | Survey Conducted Date: 1/6/2014 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: FRANK MOORE | | API / UWI: (leave blank if unknown) 05-045-22127 |
| Well Name: Bosely SG | | Well Number: 11-27 |
| 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 | 1/6/2014 |
| 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) | 12 |
| 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 | 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 |

| | | |
|--|--|--|
| Sales Order #: 901011486 | Line Item: 10 | Survey Conducted Date: 1/6/2014 |
| Customer: WPX ENERGY ROCKY MOUNTAIN LLC-EBUS | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: FRANK MOORE | | API / UWI: (leave blank if unknown) 05-045-22127 |
| Well Name: Bosely SG | | Well Number: 11-27 |
| 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 |