
BILL BARRETT CORPORATION E-BILL

**GGU FED 34B-20-691
MAMM CREEK
Garfield County , Colorado**

**Cement Surface Casing
09-Jun-2011**

Post Job Report

The Road to Excellence Starts with Safety

| | | | | | | | |
|---|--|---------------------------|---|---|--|--------------------------------|--|
| Sold To #: 343492 | | Ship To #: 2858127 | | Quote #: | | Sales Order #: 8229220 | |
| Customer: BILL BARRETT CORPORATION E-BILL | | | | Customer Rep: Henderson, Josh | | | |
| Well Name: GGU FED | | | Well #: 34B-20-691 | | | API/UWI #: 05-045-19521 | |
| Field: MAMM CREEK | | City (SAP): SILT | | County/Parish: Garfield | | State: Colorado | |
| Lat: N 39.509 deg. OR N 39 deg. 30 min. 33.264 secs. | | | | Long: W 107.575 deg. OR W -108 deg. 25 min. 30.662 secs. | | | |
| Contractor: Pro Petro | | | Rig/Platform Name/Num: Pro Petro | | | | |
| Job Purpose: Cement Surface Casing | | | | | | | |
| Well Type: Development Well | | | Job Type: Cement Surface Casing | | | | |
| Sales Person: METLI, MARSHALL | | | Srvc Supervisor: KUKUS, CRAIG | | | MBU ID Emp #: 369124 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|---------------------------|---------|--------|----------------|---------|--------|--------------------------|---------|--------|
| BURKE, BRENDAN Patrick | 17 | 487782 | KUKUS, CRAIG A | 17 | 369124 | SMITH, DUSTIN Michael | 17 | 418015 |
| WYCKOFF, RYAN Scott | 17 | 476117 | | | | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10867094 | 120 mile | 10871245 | 120 mile | 11018454 | 120 mile | 11259886 | 120 mile |
| 11360881 | 120 mile | | | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|--------|-------------------|-----------------|--------|-------------------|-----------------|------|-------------------|-----------------|
| 6/8/11 | 4 | 0 | 6/9/11 | 13 | 3 | | | |

TOTAL Total is the sum of each column separately

Job

| Formation Name | Top | Bottom | Called Out | Date | Time | Time Zone |
|------------------------|---------|-------------------|---------------|-----------------|-------|-----------|
| Formation Depth (MD) | | | On Location | 08 - Jun - 2011 | 20:00 | MST |
| Form Type | | BHST | Job Started | 08 - Jun - 2011 | 20:00 | MST |
| Job depth MD | 800. ft | Job Depth TVD | Job Completed | 09 - Jun - 2011 | 11:17 | MST |
| Water Depth | | Wk Ht Above Floor | Deparated Loc | 09 - Jun - 2011 | 12:05 | MST |
| Perforation Depth (MD) | From | To | | | | |

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 |
|--|-----|---------|-------|----------|
| ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI | 1 | JOB | | |
| R/A DENSOMETER W/CHART RECORDER,/JOB,ZI | 1 | JOB | | |
| PORT. DATA ACQUIS. W/OPTICEM RT W/HES | 1 | EA | | |
| 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 |
|--|--------------|-------------------------------|-----------------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|
| 1 | Water Spacer | | 20.00 | bbl | . | .0 | .0 | 4 | |
| 2 | Lead Cement | VERSACEM (TM) SYSTEM (452010) | 120.0 | sacks | 12.3 | 2.38 | 13.75 | 5 | 13.75 |
| | 13.75 Gal | FRESH WATER | | | | | | | |
| 3 | Tail Cement | SWIFTCEM (TM) SYSTEM (452990) | 120.0 | sacks | 14.2 | 1.43 | 6.85 | 5 | 6.85 |
| | 6.85 Gal | FRESH WATER | | | | | | | |
| 4 | Displacement | | 61.00 | bbl | . | .0 | .0 | 6 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 61 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 81.3 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 22 | Actual Displacement | 61 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 20 | Load and Breakdown | | Total Job | 162 |
| Rates | | | | | | | | | |
| Circulating | NONE | Mixing | 5 | Displacement | 6 | Avg. Job | | | 5.5 |
| Cement Left In Pipe | Amount | 44.95 ft | Reason | Shoe Joint | | | | | |
| Frac Ring # 1 @ | ID | | Frac ring # 2 @ | ID | | Frac Ring # 3 @ | ID | | Frac Ring # 4 @ |
| The Information Stated Herein Is Correct | | | | Customer Representative Signature | | | | | |

The Road to Excellence Starts with Safety

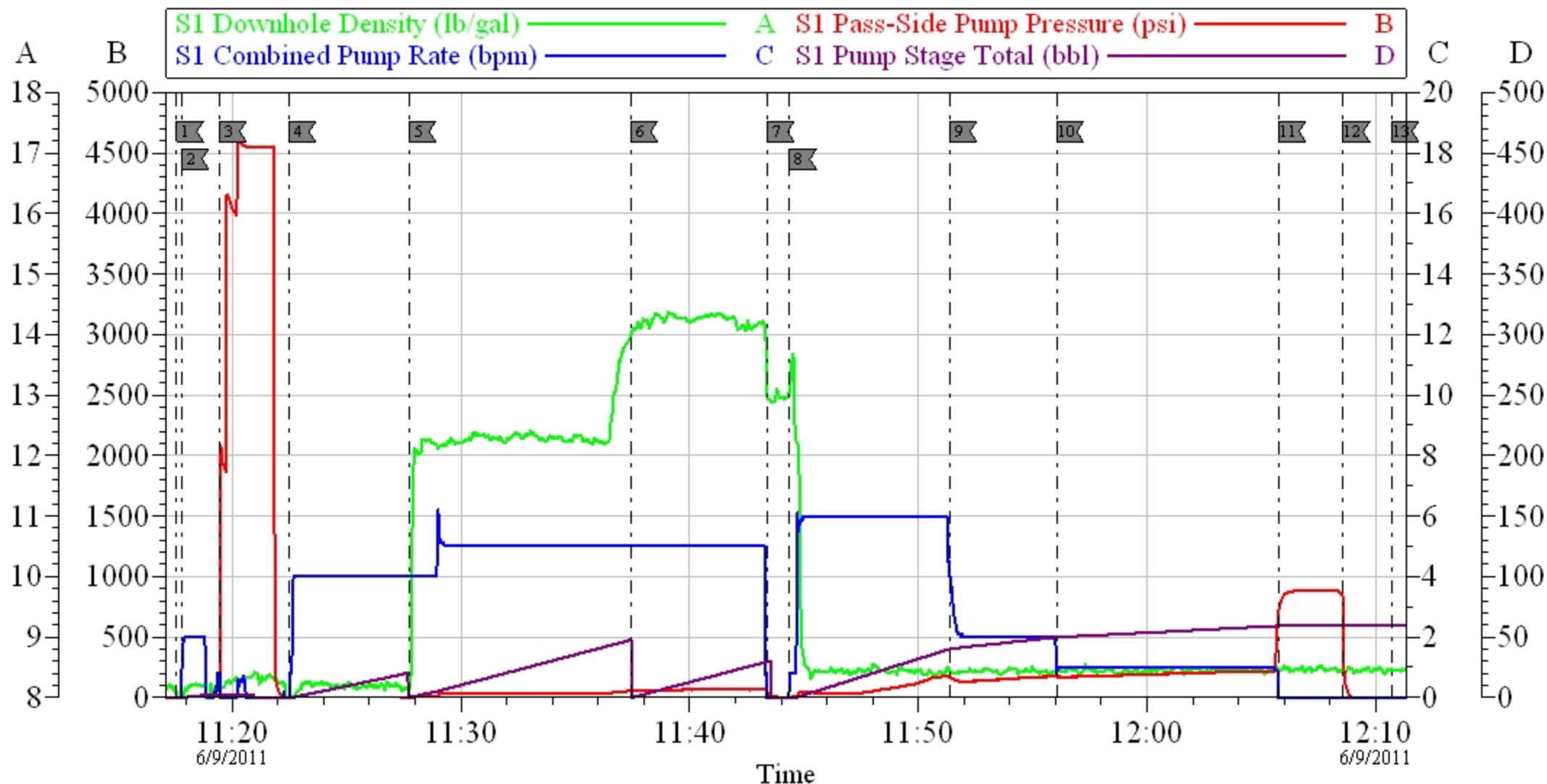
| | | | |
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| Field: MAMM CREEK | City (SAP): SILT | County/Parish: Garfield | State: Colorado |
| Legal Description: | | | |
| Lat: N 39.509 deg. OR N 39 deg. 30 min. 33.264 secs. | | Long: W 107.575 deg. OR W -108 deg. 25 min. 30.662 secs. | |
| Contractor: Pro Petro | | Rig/Platform Name/Num: Pro Petro | |
| Job Purpose: Cement Surface Casing | | | Ticket Amount: |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: METLI, MARSHALL | | Srvc Supervisor: KUKUS, CRAIG | MBU ID Emp #: 369124 |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|---------------------------------------|------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Call Out | 06/08/2011 20:01 | | | | | | | CREW STAYED ON LOCATION FOR NEXT JOB |
| Circulate Well | 06/09/2011 09:30 | | | | | | | RIG FINISHED RUNNING CSG/NO CIRCULATION |
| Assessment Of Location Safety Meeting | 06/09/2011 10:00 | | | | | | | ASSESSMENT OF LOCATION INVOLVING THE ENTIRE CMT CREW |
| Pre-Rig Up Safety Meeting | 06/09/2011 10:15 | | | | | | | SAFETY MEETING INVOLVING THE ENTIRE CMT CREW |
| Rig-Up Equipment | 06/09/2011 10:30 | | | | | | | RESET HEAD ON NEXT WELL AND LOAD PLUG/EXTENDED IRON |
| Pre-Job Safety Meeting | 06/09/2011 11:00 | | | | | | | SAFETY MEETING INVOLVING EVERYONE ON LOCATION |
| Start Job | 06/09/2011 11:17 | | | | | | | TD 850 FT TP 831.95 SJ 44.95 FT OH 12 1/4 IN MUD WT 8.3# PIPE 9 5/8 IN J-55 36# |
| Other | 06/09/2011 11:17 | | 2 | 2 | | | .0 | FILL LINES FRESH WATER |
| Pressure Test | 06/09/2011 11:19 | | 0.5 | | | 4500.0 | | PRESSURE TEST GOOD |
| Pump Spacer 1 | 06/09/2011 11:22 | | 4 | 20 | | | 14.0 | FRESH WATER SPACER |
| Pump Lead Cement | 06/09/2011 11:27 | | 5 | 50.8 | | | 70.0 | PUMP 120SKS LEADCEMENT AT 12.3 PPG 2.38 Y 13.75GAL/SK |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|-------------------------------------|------------------|-------|--------------|------------|-------|---------------|--------|---|
| | | | | Stage | Total | Tubing | Casing | |
| Pump Tail Cement | 06/09/2011 11:37 | | 5 | 30.5 | | | 85.0 | PUMP 120 SKS TAIL CEMENT AT 14.2 PPG 1.43 Y 6.85 GAL/SK |
| Shutdown | 06/09/2011 11:43 | | | | | | | GOT RETURNS 28 BBLS INTO TAIL CEMENT / HAD RETURNS REMAINDER OF THE JOB |
| Drop Top Plug | 06/09/2011 11:43 | | | | | | | PLUG LEFT THE PLUG CONTAINER |
| Pump Displacement | 06/09/2011 11:44 | | 6 | 60.8 | | | 190.0 | PUMP FRESH WATER DISPLACEMENT |
| Slow Rate | 06/09/2011 11:51 | | 2 | 40 | | | 192.0 | SLOW RATE TO 2BBL MIN / GOT CEMENT BACK AT 40 BBLS GONE |
| Bump Plug | 06/09/2011 12:05 | | 1 | 61 | | | 892.0 | PLUG LANDED AT 245 PSI |
| Check Floats | 06/09/2011 12:08 | | | | | | | FLOATS HELD/ GOT 1.5 BBLS BACK AND SHUT IN WELL |
| End Job | 06/09/2011 12:10 | | | | | | | CEMENT TO SURFACE TOTAL 22 BBLS GOOD CEMENT |
| Pre-Rig Down Safety Meeting | 06/09/2011 12:15 | | | | | | | SAFETY MEETING INVOLVING THE ENTIRE CMT CREW |
| Rig-Down Equipment | 06/09/2011 12:20 | | | | | | | RIG DOWN /CLEAN UP TO PIT |
| Safety Meeting - Departing Location | 06/09/2011 13:00 | | | | | | | CREW STAYED ON LOCATION / NEXT WELL CEMENT IN ROUTE TO LOCATION |
| Comment | 06/09/2011 13:00 | | | | | | | THANK YOU FOR USING HALLIBURTON, CRAIG KUKUS AND CREW |

BARRETT

SURFACE GGU FED 34B-20-691

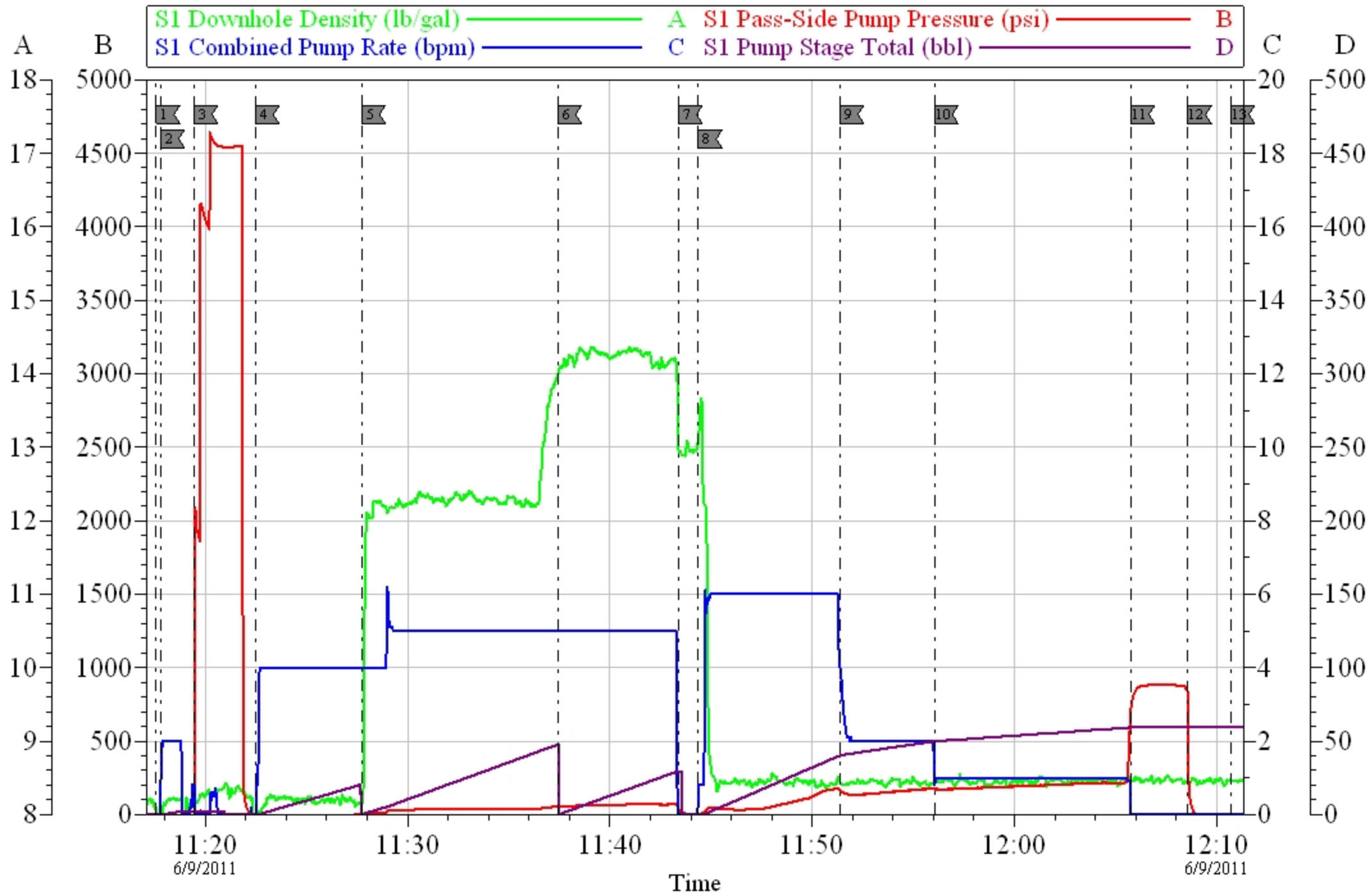


| Local Event Log | | | | | |
|-----------------|---------------------|----------|----|-----------------------|----------|
| 1 | START JOB | 11:17:34 | 2 | PRIME LINES | 11:17:48 |
| 3 | PRESSURE TEST | 11:19:27 | 4 | PUMP H2O SPACER | 11:22:28 |
| 5 | PUMP LEAD CEMENT | 11:27:43 | 6 | PUMP TAIL CEMENT | 11:37:25 |
| 7 | SHUT DOWN/DROP PLUG | 11:43:24 | 8 | PUMP H2O DISPLACEMENT | 11:44:22 |
| 9 | SLOW RATE | 11:51:23 | 10 | SLOW RATE | 11:56:03 |
| 11 | BUMP PLUG | 12:05:46 | 12 | CHECK FLOATS | 12:08:34 |
| 13 | END JOB | 12:10:43 | | | |

| | | |
|---|---------------------------------------|---|
| Customer: BARRETT | Job Date: 09-Jun-2011 | Sales Order #: 8229220 |
| Well Description: GGU FED 34B-20-691 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: JOSH HENDERSON | Cement Supervisor: CRAIG KUKUS | Elite #/Operator: ELITE 8 DUSTIN SMITH |

BARRETT

SURFACE GGU FED 34B-20-691



| | | |
|---|---------------------------------------|---|
| Customer: BARRETT | Job Date: 09-Jun-2011 | Sales Order #: 8229220 |
| Well Description: GGU FED 34B-20-691 | Job Type: SURFACE | ADC Used: YES |
| Company Rep: JOSH HENDERSON | Cement Supervisor: CRAIG KUKUS | Elite #/Operator: ELITE 8 DUSTIN SMITH |

| EVENT # | EVENT | VOLUME | SACKS | WEIGHT | YIELD | GAL/ SK |
|---------------------|---------------|---------------------------------------|---------------------|--------------------|--------|----------|
| 1 | Start Job | | | | | |
| | FILL LINES | 2 | | | | |
| 6 | Test Lines | 3500.0 | | | | |
| 9 | H2O Spacer | 20.0 | | 8.3 | | |
| 13 | LEAD CEMENT | 50.8 | 120 | 12.3 | 2.38 | 13.75 |
| 15 | TAIL CEMENT | 30.5 | 120 | 14.2 | 1.43 | 6.85 |
| | SHUTDOWN | | | | | |
| | DROP TOP PLUG | | | | | |
| 25 | H2O DISPLACE | 60.8 | | 8.3 | | |
| | SLOW RATE | 40.0 | | slow | 2BBL | |
| | LAND PLUG | 210.0 | PLUS | 500 | OVER | |
| | CHECK FLOATS | | | | | |
| | END JOB | | Do Not Overdisplace | | | |
| DISPLACEMENT | TOTAL PIPE | SHOE JOINT LENGTH | | FLOAT COLLAR | BBL/FT | H2O REQ. |
| 60.80 | 831.95 | 44.95 | | 787.00 | .0773 | 200 |
| PSI TO LIFT | 360 | *****Use Mud Scales on Each Tier***** | | | | |
| Total Displacement | 60.80 | | | | | |
| CALCULATED PSI LAND | | 210 | | TOTAL FLUID PUMPED | | 162 |
| Collapse | 2020 | Burst | 3520 | | SO# | 8229220 |

HALLIBURTON

Water Analysis Report

Company: BARRETT
Submitted by: CRAIGKUKUS
Attention: _____
Lease: GGU FED
Well #: 34B-20-691

Date: 6/9/2011
Date Rec.: 6/9/2011
S.O.#: 8229220
Job Type: SURFACE

| | | |
|-----------------------------|--------------|------------------------|
| Specific Gravity | <i>MAX</i> | |
| pH | <i>8</i> | <i>7</i> |
| Potassium (K) | <i>5000</i> | <i>250</i> Mg / L |
| Calcium (Ca) | <i>500</i> | <i>0</i> Mg / L |
| Iron (FE2) | <i>300</i> | <i>0</i> Mg / L |
| Chlorides (Cl) | <i>3000</i> | <i>0</i> Mg / L |
| Sulfates (SO ₄) | <i>1500</i> | <i>below200</i> Mg / L |
| Chlorine (Cl ₂) | | <i>120</i> Mg / L |
| Temp | <i>40-80</i> | <i>65</i> Deg |
| Total Dissolved Solids | | <i>220</i> Mg / L |

Respectfully: CRAIGKUKUS

Title: CEMENTING SUPERVISOR

Location: GRANDJUNCTION 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 #: 8229220 | Line Item: 10 | Survey Conducted Date: 6/9/2011 |
| Customer: BILL BARRETT CORPORATION E-BILL | | Job Type (BOM): CMT SURFACE CASING BOM |
| Customer Representative: JOSH HENDERSON | | API / UWI: (leave blank if unknown) 05-045-19521 |
| Well Name: GGU FED | | Well Number: 34B-20-691 |
| Well Type: Development Well | Well Country: United States of America | |
| H2S Present: No | 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 | 6/9/2011 |
| Survey Interviewer | The survey interviewer is the person who initiated the survey. | CRAIG KUKUS (HX19742) |
| Customer Participation | Did the customer participate in this survey? (Y/N) | Yes |
| Customer Representative | Enter the Customer representative name | JOSH HENDERSON |
| 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 DVA | Did we provide job DVA above our normal service today? Circle Y or N | No |
| Time | Please enter hours in decimal format to nearest quarter hour. | |
| Other | Enter short text for other efficiencies gained. | |
| Customer Initials | Customer's Initials | |
| Please provide details | Please describe how the job efficiencies were gained. | |

CUSTOMER SIGNATURE

| | | |
|---|--|--|
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KEY PERFORMANCE INDICATORS

| General | |
|---|----------|
| Survey Conducted Date The date the survey was conducted | 6/9/2011 |

| Cementing KPI Survey | |
|--|-------------------------|
| Type of Job Select the type of job. (Cementing or Non-Cementing) | 0 |
| Select the Maximum Deviation range for this Job What is the highest deviation for the job you just completed? This may not be the maximum well deviation. | Vertical |
| Total Operating Time (hours) Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format. | 3 |
| HSE Incident, Accident, Injury HSE Incident, Accident, Injury. This should be recordable incidents only. | No |
| Was the job purpose achieved? Was the job delivered correctly as per customer agreed design? | Yes |
| Operating Hours (Pumping Hours) Total number of hours pumping fluid on this job. Enter in decimal format. | 1 |
| Customer Non-Productive Rig Time (hrs) 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. | 0 |
| Type of Rig Classification Job Was Performed Type Of Rig (classification) Job Was Performed On | Drilling Rig (Portable) |
| Number Of JSAs Performed Number Of Jsas Performed | 6 |
| Number of Unplanned Shutdowns Unplanned shutdown is when injection stops for any period of time. | 0 |
| Was this a Primary Cement Job (Yes / No) | Yes |

| | | |
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| H2S Present: No | 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 | 98 |
| 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 | 98 |
| 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 |