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**BILL BARRETT CORPORATION E-BILL**

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**GGU MILLER 32B-31-691  
MAMM CREEK  
Garfield County , Colorado**

**Cement Surface Casing**  
02-Mar-2012

**Post Job Summary**

*The Road to Excellence Starts with Safety*

|   |                           |   |                                |
|---|---------------------------|---|--------------------------------|
| <b>Sold To #:</b> 343492                                    | <b>Ship To #:</b> 2912646 | <b>Quote #:</b>   | <b>Sales Order #:</b> 9326672  |
| <b>Customer:</b> BILL BARRETT CORPORATION E-BILL            |                           | <b>Customer Rep:</b> Lauer, Casey                               |                                |
| <b>Well Name:</b> GGU MILLER                                |                           | <b>Well #:</b> 32B-31-691                                       | <b>API/UWI #:</b> 05=045-21094 |
| <b>Field:</b>   | <b>City (SAP):</b> SILT   | <b>County/Parish:</b> Garfield                                  | <b>State:</b> Colorado         |
| <b>Lat:</b> N 39.487 deg. OR N 39 deg. 29 min. 12.642 secs. |                           | <b>Long:</b> W 107.591 deg. OR W -108 deg. 24 min. 32.137 secs. |                                |
| <b>Contractor:</b> ProPetro Services Inc.                   |                           | <b>Rig/Platform Name/Num:</b> ProPetro                          |                                |
| <b>Job Purpose:</b> Cement Surface Casing                   |                           |   |                                |
| <b>Well Type:</b> Development Well                          |                           | <b>Job Type:</b> Cement Surface Casing                          |                                |
| <b>Sales Person:</b> METLI, MARSHALL                        |                           | <b>Srvc Supervisor:</b> MAGERS, MICHAEL                         | <b>MBU ID Emp #:</b> 339439    |

**Job Personnel**

| HES Emp Name            | Exp Hrs | Emp #  | HES Emp Name            | Exp Hrs | Emp #  | HES Emp Name              | Exp Hrs | Emp #  |
|-------------------------|---------|--------|-------------------------|---------|--------|---------------------------|---------|--------|
| DEUSSEN, EDWARD<br>Eric | 9       | 485182 | JENSEN, JESSE<br>Robert | 9       | 478774 | MAGERS, MICHAEL<br>Gerard | 9       | 339439 |

**Equipment**

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10297346   | 120 mile       | 10871245   | 120 mile       | 11071559   | 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 |
|------------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 03/02/2011 | 9                 | 1               |      |                   |                 |      |                   |                 |

**TOTAL** Total is the sum of each column separately

**Job**

**Job Times**

| Formation Name                     | Date                     | Time                 | Time Zone                 |
|------------------------------------|--------------------------|----------------------|---------------------------|
| <b>Formation Depth (MD) Top</b>    | <b>Bottom</b>            | <b>Called Out</b>    | 01 - Mar - 2012 10:00 MST |
| <b>Form Type</b>                   | BHST                     | <b>On Location</b>   | 01 - Mar - 2012 14:30 MST |
| <b>Job depth MD</b>                | 735. ft                  | <b>Job Started</b>   | 02 - Mar - 2012 16:08 MST |
| <b>Water Depth</b>                 | <b>Wk Ht Above Floor</b> | <b>Job Completed</b> | 02 - Mar - 2012 17:13 MST |
| <b>Perforation Depth (MD) From</b> | <b>To</b>                | <b>Departed Loc</b>  |                           |

**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/3<sup>rd</sup> 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     | 9.625 | 1   | HES  |
| Float Shoe   |      |     |      |       | Bridge Plug |      |     |      |       | Bottom Plug  |       |     |      |
| Float Collar |      |     |      |       | Retainer    |      |     |      |       | SSR plug set |       |     |      |
| Insert Float |      |     |      |       |             |      |     |      |       | SWAGE        | 9.625 | 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 <sup>3</sup> /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 <sup>3</sup> /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| 1  | Water Spacer             |                               | 20.00  | bbl                               | 8.34                   | .0                        | .0               | .0           |                        |
| 2  | VersaCem Lead Cement     | VERSACEM (TM) SYSTEM (452010) | 120.0  | sacks                             | 12.3                   | 2.38                      | 13.77            |              | 13.77                  |
|  | 13.77 Gal                | FRESH WATER                   |        |                                   |                        |                           |                  |              |                        |
| 3  | SwiftCem Tail Cement     | SWIFTCEM (TM) SYSTEM (452990) | 120.0  | sacks                             | 14.2                   | 1.43                      | 6.85             |              | 6.85                   |
|  | 6.85 Gal                 | FRESH WATER                   |        |                                   |                        |                           |                  |              |                        |
| 4  | Fresh Water Displacement |                               | 52.00  | bbl                               | 8.33                   |                           |                  | .0           |                        |
| Calculated Values                        |                          | Pressures                     |        | Volumes                           |                        |                           |                  |              |                        |
| Displacement                             | 52                       | Shut In: Instant              |        | Lost Returns                      | 0                      | Cement Slurry             | 81.5             | Pad          |                        |
| Top Of Cement                            | SURFACE                  | 5 Min                         |        | Cement Returns                    | 25                     | Actual Displacement       | 52               | Treatment    |                        |
| Frac Gradient                            |                          | 15 Min                        |        | Spacers                           | 20                     | Load and Breakdown        |                  | Total Job    | 155                    |
| Rates                                    |                          |                               |        |                                   |                        |                           |                  |              |                        |
| Circulating                              | NONE                     | Mixing                        | 4      | Displacement                      | 4/2                    | Avg. Job                  | 4                |              |                        |
| Cement Left In Pipe                      | Amount                   | 44.6 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*

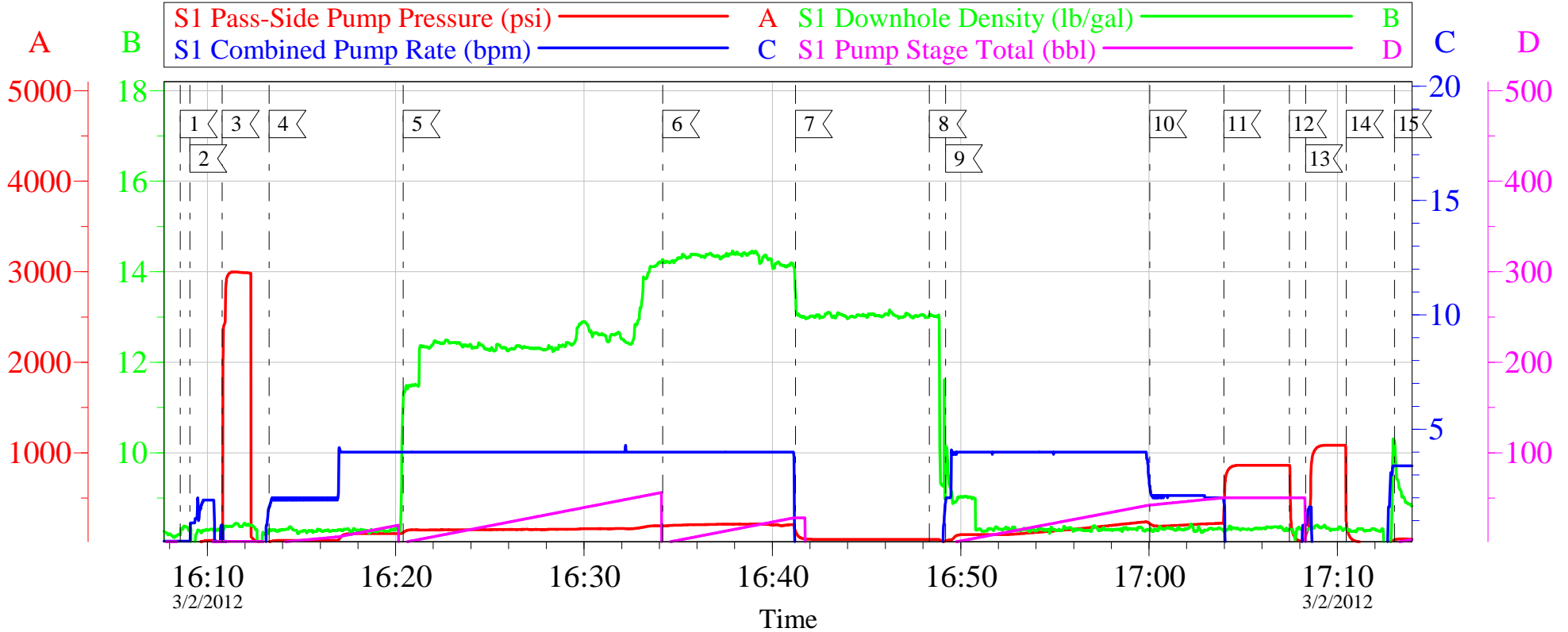
|   |                           |   |                                |
|---|---------------------------|---|--------------------------------|
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| <b>Customer:</b> BILL BARRETT CORPORATION E-BILL            |                           | <b>Customer Rep:</b> Lauer, Casey                               |                                |
| <b>Well Name:</b> GGU MILLER                                |                           | <b>Well #:</b> 32B-31-691                                       | <b>API/UWI #:</b> 05=045-21094 |
| <b>Field:</b>   | <b>City (SAP):</b> SILT   | <b>County/Parish:</b> Garfield                                  | <b>State:</b> Colorado         |
| <b>Legal Description:</b>                                   |                           |   |                                |
| <b>Lat:</b> N 39.487 deg. OR N 39 deg. 29 min. 12.642 secs. |                           | <b>Long:</b> W 107.591 deg. OR W -108 deg. 24 min. 32.137 secs. |                                |
| <b>Contractor:</b> ProPetro Services Inc.                   |                           | <b>Rig/Platform Name/Num:</b> ProPetro                          |                                |
| <b>Job Purpose:</b> Cement Surface Casing                   |                           |   | <b>Ticket Amount:</b>          |
| <b>Well Type:</b> Development Well                          |                           | <b>Job Type:</b> Cement Surface Casing                          |                                |
| <b>Sales Person:</b> METLI, MARSHALL                        |                           | <b>Srvc Supervisor:</b> MAGERS, MICHAEL                         | <b>MBU ID Emp #:</b> 339439    |

| Activity Description                  | Date/Time           | Cht # | Rate bbl/min | Volume bbl |       | Pressure psig |        | Comments   |
|---------------------------------------|---------------------|-------|--------------|------------|-------|---------------|--------|--|
|                                       |                     |       |              | Stage      | Total | Tubing        | Casing |  |
| Arrive At Loc                         | 03/02/2012<br>08:00 |       |              |            |       |               |        | HES ALREADY ON LOCATION/WAITING FOR NEXT HOLE        |
| Assessment Of Location Safety Meeting | 03/02/2012<br>08:05 |       |              |            |       |               |        | WITH ALL HES PERSONNEL                               |
| Pre-Rig Up Safety Meeting             | 03/02/2012<br>15:45 |       |              |            |       |               |        | WITH ALL HES PERSONNEL                               |
| Rig-Up Equipment                      | 03/02/2012<br>15:50 |       |              |            |       |               |        | 1 PICKUP 1 ELITE 1 BULK TRUCK                        |
| Pre-Job Safety Meeting                | 03/02/2012<br>16:00 |       |              |            |       |               |        | WITH ALL PERSONNEL ON LOCATION                       |
| Start Job                             | 03/02/2012<br>16:08 |       |              |            |       |               |        | TD-735 TP- 717 SJ-45 CSG- 9.5/8 36# J-55 OH- 12 1/4" |
| Other                                 | 03/02/2012<br>16:09 |       | 2            | 2          |       |               | 20.0   | FILL LINES WITH FRESH WATER                          |
| Test Lines                            | 03/02/2012<br>16:10 |       | 0.5          | 0.5        |       |               | 2980.0 | PSI TEST OK  |
| Pump Spacer 1                         | 03/02/2012<br>16:13 |       | 4            | 20         |       |               | 102.0  | FRESH WATER  |
| Pump Lead Cement                      | 03/02/2012<br>16:20 |       | 4            | 50.9       |       |               | 147.0  | VERSACEM 120 SKS 12.3PPG 2.38FT3/SK 13.77 GAL/SK     |
| Pump Tail Cement                      | 03/02/2012<br>16:34 |       | 4            | 30.6       |       |               | 204.0  | SWIFTCEM 120 SKS 14.2 PPG 1.43 FT3/SK 6.85 GAL/SK    |
| Shutdown                              | 03/02/2012<br>16:41 |       |              |            |       |               |        |  |
| Drop Top Plug                         | 03/02/2012<br>16:48 |       |              |            |       |               |        | PLUG LAUNCHED  |
| Pump Displacement                     | 03/02/2012<br>16:49 |       | 4            | 52         |       |               | 225.0  | FRESH WATER  |
| Slow Rate                             | 03/02/2012<br>17:00 |       | 2            | 42         |       |               | 188.0  | SLOW RATE 10 BBLS PRIOR TO CALCULATED DISPLACEMENT   |

| Activity Description | Date/Time           | Cht # | Rate bbl/min | Volume bbl |       | Pressure psig |        | Comments   |
|----------------------|---------------------|-------|--------------|------------|-------|---------------|--------|--|
|                      |                     |       |              | Stage      | Total | Tubing        | Casing |  |
| Bump Plug            | 03/02/2012<br>17:03 |       | 2            | 52         |       |               | 212.0  | PLUG BUMPED/GOT 25 BBLS OF CEMENT TO SURFACE                             |
| Check Floats         | 03/02/2012<br>17:07 |       |              | 52         |       |               | 770.0  | FLOATS DID NOT HOLD  |
| Bump Plug            | 03/02/2012<br>17:08 |       | 1            | 1          |       |               | 1000.0 | REBUMP PLUG  |
| Check Floats         | 03/02/2012<br>17:10 |       |              | 1          |       |               | 1000.0 | FLOATS HELD/GOT .5 BBL BACK  |
| End Job              | 03/02/2012<br>17:13 |       |              |            |       |               |        | RIG DOWN AND WAITING FOR NEXT JOB  |
| Comment              | 03/02/2012<br>17:15 |       |              |            |       |               |        | THANK YOU FOR USING HALLIBURTON CEMENT DEPARTMENT. MIKE MAGERS AND CREW. |

# BILL BARRETT GGU MILLER 32B-31-691

## 9.625 SURFACE



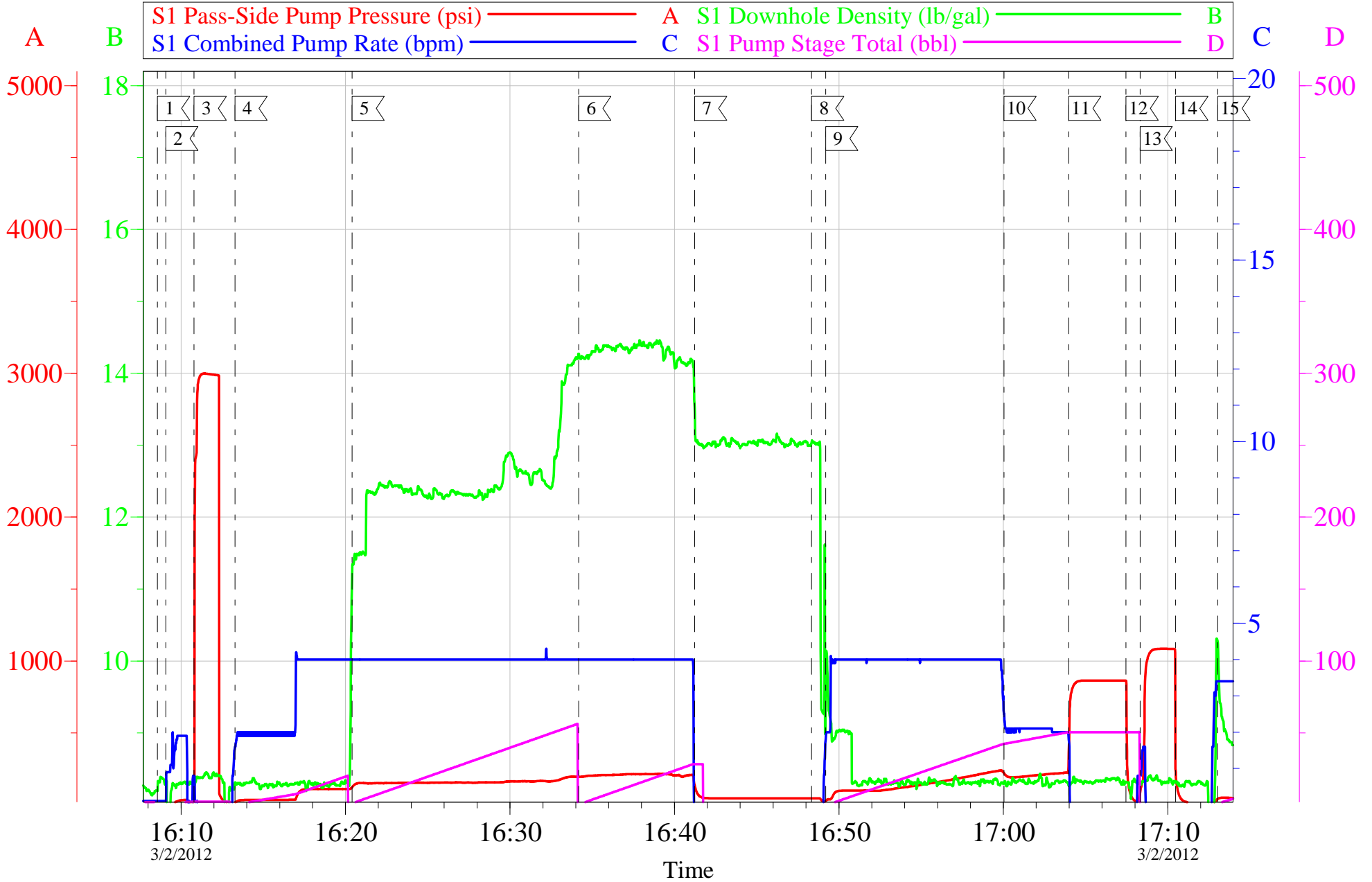
### Local Event Log

|    |                            |          |    |                  |          |
|----|----------------------------|----------|----|------------------|----------|
| 1  | START JOB                  | 16:08:34 | 2  | FILL LINES       | 16:09:04 |
| 3  | PRESSURE TEST              | 16:10:48 | 4  | PUMP SPACER      | 16:13:16 |
| 5  | PUMP LEAD CEMENT           | 16:20:24 | 6  | PUMP TAIL CEMENT | 16:34:11 |
| 7  | SHUT DOWN                  | 16:41:13 | 8  | DROP PLUG        | 16:48:20 |
| 9  | PUMP FRSH WTR DISPLACEMENT | 16:49:11 | 10 | SLOW RATE        | 17:00:02 |
| 11 | BUMP PLUG                  | 17:03:58 | 12 | CHECK FLOATS     | 17:07:28 |
| 13 | REBUMP PLUG                | 17:08:19 | 14 | CHECK FLOATS     | 17:10:29 |
| 15 | END JOB                    | 17:13:02 |    |                  |          |

|                   |                        |                    |             |                |                |
|-------------------|------------------------|--------------------|-------------|----------------|----------------|
| Customer:         | BILL BARRETT PEO PETRO | Job Date:          | 02-Mar-2012 | Sales Order #: | 9326672        |
| Well Description: | GGU MILLER 32B-31-691  | Job Type:          | SURFACE     | ADC Used:      | YES            |
| Customer Rep:     | CASEY LAUER            | Cement Supervisor: | MIKE MAGERS | Elite #        | 8 JESSE JENSEN |

# BILL BARRETT GGU MILLER 32B-31-691

## 9.625 SURFACE



|   |                                |                        |
|---|--------------------------------|------------------------|
| Customer: BILL BARRETT PEO PETRO        | Job Date: 02-Mar-2012          | Sales Order #: 9326672 |
| Well Description: GGU MILLER 32B-31-691 | Job Type: SURFACE              | ADC Used: YES          |
| Customer Rep: CASEY LAUER               | Cement Supervisor: MIKE MAGERS | Elite # 8 JESSE JENSEN |

|   |  |  |
|---|--|--|
| <b>Sales Order #:</b><br>9326672                    | <b>Line Item:</b><br>10                          | <b>Survey Conducted Date:</b><br>3/2/2012                  |
| <b>Customer:</b><br>BILL BARRETT CORPORATION E-BILL |  | <b>Job Type (BOM):</b><br>CMT SURFACE CASING BOM           |
| <b>Customer Representative:</b><br>CASEY LAUER      |  | <b>API / UWI: (leave blank if unknown)</b><br>05=045-21094 |
| <b>Well Name:</b><br>GGU MILLER                     |  | <b>Well Number:</b><br>32B-31-691                          |
| <b>Well Type:</b><br>Development Well               | <b>Well Country:</b><br>United States of America |  |
| <b>H2S Present:</b><br>No                           | <b>Well State:</b><br>Colorado                   | <b>Well County:</b><br>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                              | 3/2/2012                 |
| Survey Interviewer      | The survey interviewer is the person who initiated the survey. | MICHAEL MAGERS (HX13672) |
| Customer Participation  | Did the customer participate in this survey? (Y/N)             | Yes                      |
| Customer Representative | Enter the Customer representative name                         | CASEY LAUER              |
| 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   |                          |

|                           |
|---------------------------|
| <b>CUSTOMER SIGNATURE</b> |
|---------------------------|

|   |  |  |
|---|--|--|
| <b>Sales Order #:</b><br>9326672                    | <b>Line Item:</b><br>10                          | <b>Survey Conducted Date:</b><br>3/2/2012                  |
| <b>Customer:</b><br>BILL BARRETT CORPORATION E-BILL |  | <b>Job Type (BOM):</b><br>CMT SURFACE CASING BOM           |
| <b>Customer Representative:</b><br>CASEY LAUER      |  | <b>API / UWI: (leave blank if unknown)</b><br>05=045-21094 |
| <b>Well Name:</b><br>GGU MILLER                     |  | <b>Well Number:</b><br>32B-31-691                          |
| <b>Well Type:</b><br>Development Well               | <b>Well Country:</b><br>United States of America |  |
| <b>H2S Present:</b><br>No                           | <b>Well State:</b><br>Colorado                   | <b>Well County:</b><br>Garfield                            |

### KEY PERFORMANCE INDICATORS

| General                           |          |
|-----------------------------------|----------|
| <b>Survey Conducted Date</b>      | 3/2/2012 |
| The date the survey was conducted |          |

| Cementing KPI Survey  |                         |
|---|-------------------------|
| <b>Type of Job</b>  | 0                       |
| Select the type of job. (Cementing or Non-Cementing)  |                         |
| <b>Select the Maximum Deviation range for this Job</b>  | Vertical                |
| What is the highest deviation for the job you just completed? This may not be the maximum well deviation.   |                         |
| <b>Total Operating Time (hours)</b>   | 1.5                     |
| Total Operating Hours Including Rig-up, Pumping, Rig-down. Enter in decimal format.   |                         |
| <b>HSE Incident, Accident, Injury</b>   | No                      |
| HSE Incident, Accident, Injury. This should be recordable incidents only.   |                         |
| <b>Was the job purpose achieved?</b>  | Yes                     |
| Was the job delivered correctly as per customer agreed design?  |                         |
| <b>Operating Hours (Pumping Hours)</b>  | 1                       |
| Total number of hours pumping fluid on this job. Enter in decimal format.   |                         |
| <b>Customer Non-Productive Rig Time (hrs)</b>   | 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. |                         |
| <b>Type of Rig Classification Job Was Performed</b>   | Drilling Rig (Portable) |
| Type Of Rig (classification) Job Was Performed On   |                         |
| <b>Number Of JSAs Performed</b>   | 4                       |
| Number Of Jsas Performed  |                         |
| <b>Number of Unplanned Shutdowns</b>  | 0                       |
| Unplanned shutdown is when injection stops for any period of time.  |                         |
| <b>Was this a Primary Cement Job (Yes / No)</b>   | Yes                     |

|   |  |  |
|---|--|--|
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| <b>Well Type:</b><br>Development Well               | <b>Well Country:</b><br>United States of America |  |
| <b>H2S Present:</b><br>No                           | <b>Well State:</b><br>Colorado                   | <b>Well County:</b><br>Garfield                            |

|  |     |
|--|-----|
| Primary Cement Job= Casing job, Liner job, or Tie-back job.  |     |
| <b>Did We Run Wiper Plugs?</b><br>Did We Run Top And Bottom Casing Wiper Plugs?  | Top |
| <b>Mixing Density of Job Stayed in Designed Density Range (0-100%)</b><br>Density Range defined as +/- .20 ppg. Calculation: Total BBLs cement mixed at designed density divided by total BBLs of cement multiplied by 100       | 94  |
| <b>Was Automated Density Control Used?</b><br>Was Automated Density Control (ADC) Used ?   | Yes |
| <b>Pump Rate (percent) of Job Stayed At Designed Pump Rate</b><br>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  |
| <b>Nbr of Remedial Sqz Jobs Rqd - Competition</b><br>Number Of Remedial Squeeze Jobs Required After Primary Job Performed By Competition   | 0   |
| <b>Nbr of Remedial Plug Jobs Rqd - HES</b><br>Number Of Remedial Plug Jobs Needed After Primary Plug Pumped By HES   | 0   |
| <b>Nbr of Remedial Sqz Jobs Rqd - HES</b><br>Number Of Remedial Squeeze Jobs Required After Primary Job Performed By HES   | 0   |