HALLIBURTON

BILL BARRETT CORPORATION

GGU 24B-30-691
MAMM CREEK
Garfield County , Colorado

Cement Surface Casing

25-Feb-2012

Post Job Report

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 343492	**Ship To #:** 2908830	**Quote #:**	**Sales Order #:** 9306412
Customer: BILL BARRETT CORPORATION E-BILL		**Customer Rep:** Lauer, Casey	
Well Name: GGU	**Well #:** 24B-30-691		**API/UWI #:**
Field: MAMM CREEK	**City (SAP):** UNKNOWN	**County/Parish:** Garfield	**State:** Colorado
Lat: N 39.492 deg. OR N 39 deg. 29 min. 32.665 secs.		**Long:** W 107.605 deg. OR W -108 deg. 23 min. 41.125 secs.	
Contractor: ProPetro Services Inc.	**Rig/Platform Name/Num:** ProPetro		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: METLI, MARSHALL	**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 C	4.5	453940	KUKUS, CHRISTOPHER A	4.5	413952	MILLER II, MATTHEW Reginald	4.5	425164
SMITH, DUSTIN Michael	4.5	418015						

Equipment

HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*	HES Unit #	*Distance-1 way*
10567589C	120 mile	10867531	120 mile	10989685	120 mile	11259883	120 mile
11808829	120 mile						

Job Hours

Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours	Date	*On Location Hours*	Operating Hours
02/25/2012	4.5	2						
TOTAL		*Total is the sum of each column separately*						

Job

Formation Name					
Formation Depth (MD)	**Top**		**Bottom**		
Form Type		**BHST**			
Job depth MD	725. ft	**Job Depth TVD**	725. ft		
Water Depth		**Wk Ht Above Floor**	. ft		
Perforation Depth (MD)	*From*		**To**		

Job Times

	Date	Time	Time Zone
Called Out	25 - Feb - 2012	10:45	MST
On Location	25 - Feb - 2012	15:00	MST
Job Started	25 - Feb - 2012	18:29	MST
Job Completed	25 - Feb - 2012	19:27	MST
Departed Loc			

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
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /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**			
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

HALLIBURTON

Cementing Job Summary

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
1	Water Spacer		20.00	bbl	8.34	.0	.0	4.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	6.0	13.77
	13.77 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	6.0	6.85
	6.85 Gal	FRESH WATER							
4	Displacement		50.9	bbl	8.33			6.0	

Calculated Values		Pressures		Volumes					
Displacement	50.9	Shut In: Instant		Lost Returns	0	*Cement Slurry*	81.5	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	50.9	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	152.4

Rates

Circulating		*Mixing*	6	*Displacement*	6	Avg. Job	6

Cement Left In Pipe		Amount	*44.9 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***

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

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Field: MAMM CREEK	**City (SAP):** UNKNOWN	**County/Parish:** Garfield	**State:** Colorado
Legal Description:			
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Contractor: ProPetro Services Inc.	**Rig/Platform Name/Num:** ProPetro		
Job Purpose: Cement Surface Casing			**Ticket Amount:**
Well Type: Development Well	**Job Type:** Cement Surface Casing		
Sales Person: METLI, MARSHALL	**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	02/25/2012 10:45							ELITE # 3
Depart Yard Safety Meeting	02/25/2012 13:00							ALL HES EMPLOYEES
Arrive At Loc	02/25/2012 15:00							RELIVE CREW ON LOCATION ELITE #3 ALREADY ON LOCATION RIG DRILLING UPON ARRIVAL TO LOCATION
Assessment Of Location Safety Meeting	02/25/2012 15:30							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	02/25/2012 17:45							ALL HES EMPLOYEES
Rig-Up Equipment	02/25/2012 18:00							1 F-550 PICKUP 1 HT-400 PUMP TRUCK 1 660 BULK TRUCK
Pre-Job Safety Meeting	02/25/2012 18:20							ALL HES EMPLOYEES AND RIG CREW
Rig-Up Completed	02/25/2012 18:29							
Start Job	02/25/2012 18:29							TD: 725 TP: 704.64 SJ: 44.90 9 5/8 36# CSG 12 1/4 OH
Test Lines	02/25/2012 18:33					3033.0		PRESSURE TEST OK
Pump Spacer	02/25/2012 18:36		4	20	20		35.0	FRESH WATER
Pump Lead Cement	02/25/2012 18:44		6	50.9	59.9		118.0	120 SKS 12.3 PPG 2.38 YIELD 13.77 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT LEAD CEMENT

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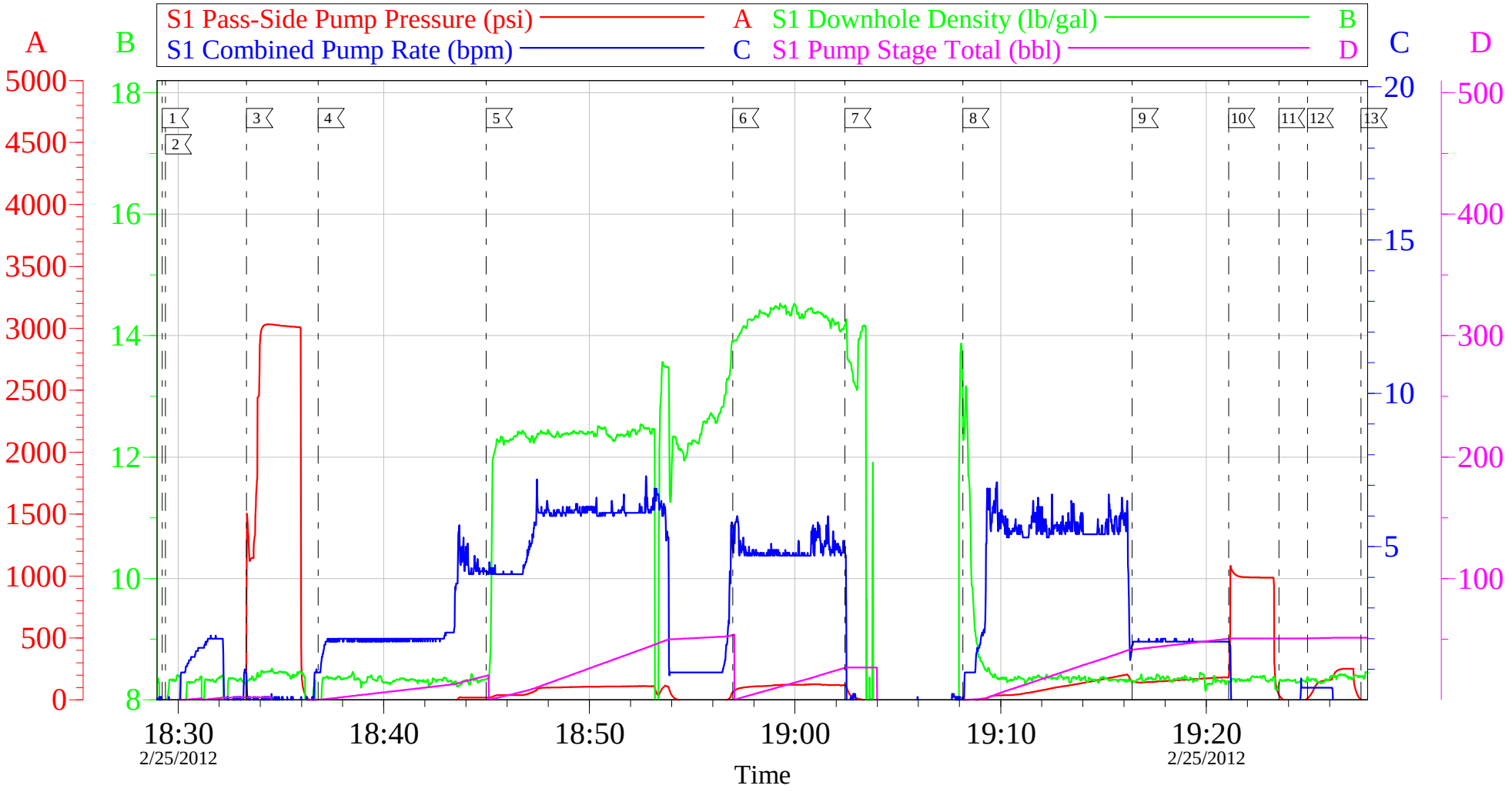
Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	02/25/2012 18:56		6	30.1	30.1		134.0	120 SKS 14.2 PPG 1.43 YIELD 6.85 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA MUD SCALES THROUGHOUT TAIL CEMENT WHEN WE WENT TO TAIL CEMENT WE HAD A BULK DELIVERY ISSUSE SLOWED RATE RESLOVED ISSUSE AND PICKED RATE BACK UP
Shutdown	02/25/2012 19:02							GOT RETURNS 15 BBL INTO TAIL CEMENT
Drop Plug	02/25/2012 19:02							JOB PUMPED THROUGH SWAGE
Pump Displacement	02/25/2012 19:08		6	50.9	50.9		220.0	FRESH WATER
Slow Rate	02/25/2012 19:16		2	40.9	40.9		200.0	SLOW RATE TO BUMP PLUG
Bump Plug	02/25/2012 19:21		2	50.9	59.9		1068.0	PSI BEFORE BUMPING PLUG 200 PSI BUMPED PLUG UP TO 1068 PSI
Check Floats	02/25/2012 19:23							FLOATS HELD 3/4 BBL BACK TO DISPLACEMENT TANK PRESSURED UP TO 200 PSI AND SHUT IN 2 INCH ON SWAGE
End Job	02/25/2012 19:27							30 BBL OF CEMENT TO SURFACE
Pre-Rig Down Safety Meeting	02/25/2012 19:35							ALL HES EMPLOYEES
Rig-Down Equipment	02/25/2012 19:45							RIG DOWN AND WAIT FOR RIG TO DRILL NEXT WELL

BILL BARRETT GGU 24B-30-691

9 5/8 SURFACE



Local Event Log

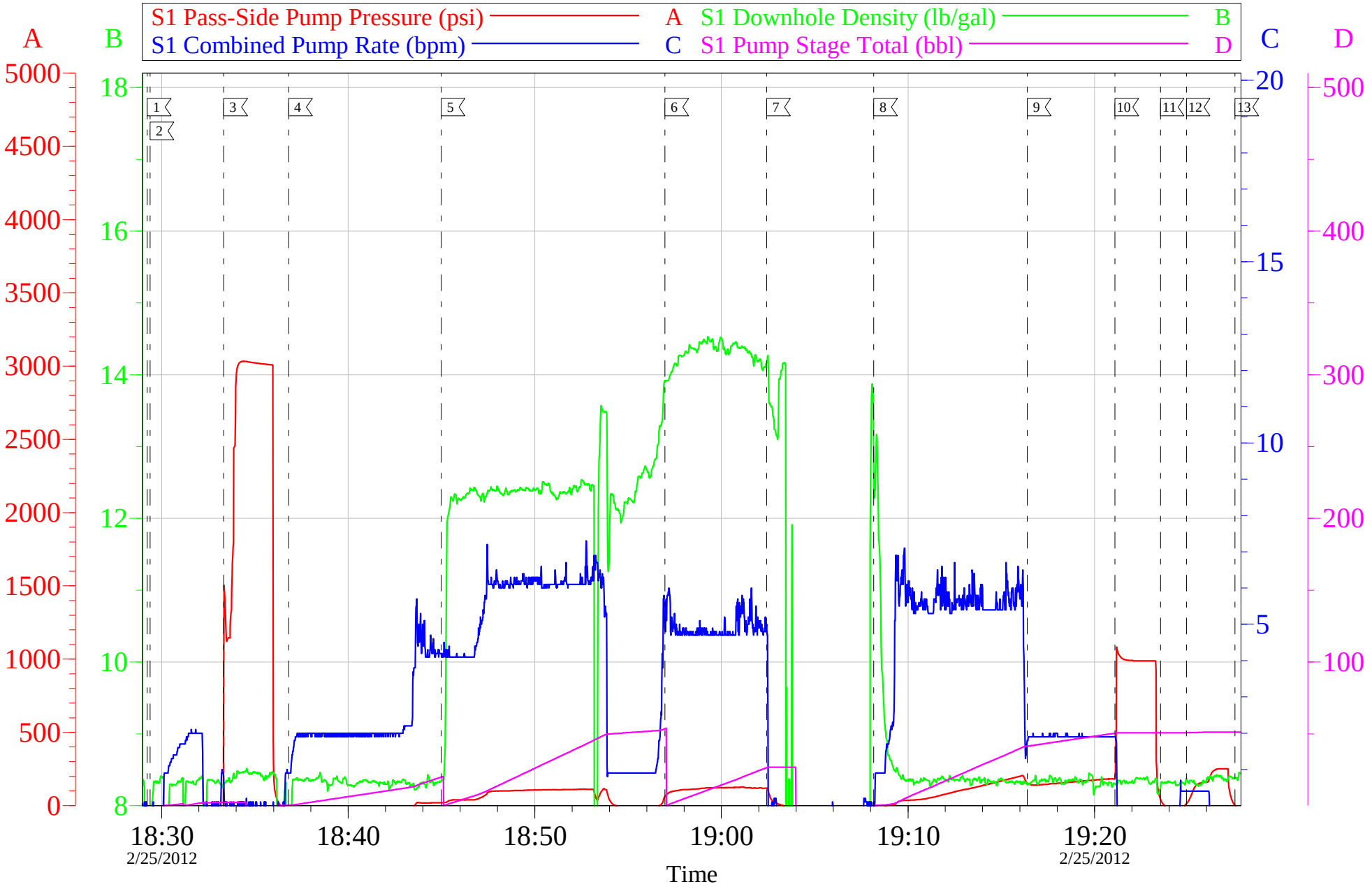
1	START JOB	18:29:14	2	FILL LINES	18:29:23	3	TEST LINES	18:33:20
4	PUMP SPACER	18:36:49	5	PUMP LEAD CEMENT	18:44:59	6	PUMP TAIL CEMENT	18:56:59
7	SHUT DOWN/ DROP PLUG	19:02:26	8	PUMP DISPLACEMENT	19:08:10	9	SLOW RATE	19:16:24
10	BUMP PLUG	19:21:05	11	CHECK FLOATS	19:23:32	12	PRESSURE UP/ SHUT IN WELL	19:24:55
13	END JOB	19:27:31						

Customer:	BILL BARRETT	Job Date:	25-Feb-2012	Sales Order #:	9306412
Well Description:	GGU 24B-30-691	Job Type:	9 5/8 SURFACE	ADC Used:	YES
Company Rep:	CASEY LAUER	Cement Supervisor:	DUSTIN SMITH	Elite #: 3	REGGIE MILLER

OptiCem v6.4.10
25-Feb-12 19:39

BILL BARRETT GGU 24B-30-691

9 5/8 SURFACE



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OptiCem v6.4.10
25-Feb-12 19:39

HALLIBURTON

Water Analysis Report

Company:	**BILL BARRETT**	**Date:**	**2/25/2012**
Submitted by:	**DUSTIN SMITH**	**Date Rec.:**	**2/25/2012**
Attention:	**J. TROUT/C.MARTINEZ**	**S.O.#**	**9306412**
Lease	**GGU**	**Job Type:**	**SURFACE**
Well #	**24B-30-691**		

Specific Gravity	***MAX***	**1**	
pH	***8***	**6.8**	
Potassium (K)	***5000***	**0**	**Mg / L**
Calcium (Ca)	***500***	**120**	**Mg / L**
Iron (FE2)	***300***	**0**	**Mg / L**
Chlorides (Cl)	***3000***	**0**	**Mg / L**
Sulfates (SO_4)	***1500***	**UNDER 200**	**Mg / L**
Chlorine (Cl_2)		**0**	**Mg / L**
Temp	***40-80***	**45**	**Deg**
Total Dissolved Solids		**380**	**Mg / L**

Respectfully: **DUSTIN SMITH**

Title: **CEMENTING SUPERVISOR**

Location: **Grand Junction, CO**

HALLIBURTON

CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
9306412	10	2/25/2012
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT SURFACE CASING BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
		AFEYKZXDK3JI0XIFAAA
Well Name:		**Well Number:**
GGU		24B-30-691
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
No	Colorado	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**	**2/25/2012**
Survey Interviewer	**The survey interviewer is the person who initiated the survey.**	**DUSTIN SMITH (HX37079)**
Customer Participation	**Did the customer partipcipate in this survey? (Y/N)**	**No**
Customer Representative	**Enter the Customer representative name**	
HSE	**Was our HSE performance satisfactory? Circle Y or N**	
Equipment	**Were you satisfied with our Equipment? Circle Y or N**	
Personnel	**Were you satisfied with our people? Circle Y or N**	
Customer Comment	**Customer's Comment**	

CUSTOMER SIGNATURE

HALLIBURTON

CUSTOMER SURVEY

Sales Order #:	**Line Item:**	**Survey Conducted Date:**
9306412	10	2/25/2012
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT SURFACE CASING BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
		AFEYKZXDK3JI0XIFAAA
Well Name:		**Well Number:**
GGU		24B-30-691
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
No	Colorado	Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	2/25/2012

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.	2
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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CUSTOMER SURVEY

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9306412	10	2/25/2012
Customer:		**Job Type (BOM):**
BILL BARRETT CORPORATION E-BILL		CMT SURFACE CASING BOM
Customer Representative:		**API / UWI: (leave blank if unknown)**
		AFEYKZXDK3JI0XIFAAA
Well Name:		**Well Number:**
GGU		24B-30-691
Well Type:	**Well Country:**	
Development Well	United States of America	
H2S Present:	**Well State:**	**Well County:**
No	Colorado	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 cment 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