
BILL BARRETT CORPORATION E-BILL

**GGU 14A-30-691
MAMM CREEK
Denver County , Colorado**

Cement Surface Casing
24-Feb-2012

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2908820	Quote #:	Sales Order #: 9305791
Customer: BILL BARRETT CORPORATION E-BILL	Customer Rep: Lauer, Casey		
Well Name: GGU	Well #: 14A-30-691	API/UWI #: 05-045-21250	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Denver	State: Colorado
Lat: N 39.492 deg. OR N 39 deg. 29 min. 32.384 secs.	Long: W 107.606 deg. OR W -108 deg. 23 min. 40.142 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	Srv Supervisor: LEIST, JAMES	MBU ID Emp #: 362787	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
EICKHOFF, ROBERT Edward	3	495311	KEANE, JOHN Donovan	3	486519	LEIST, JAMES R	3	362787
SPARKS, CLIFFORD Paul	3	502476						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	120 mile	10867304	120 mile	10998054	120 mile	11259882	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
2-24-12	3	3						

TOTAL	Total is the sum of each column separately							
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Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	24 - Feb - 2012	16:00	MST
Form Type		BHST	Job Started	24 - Feb - 2012	16:03	MST
Job depth MD	705. ft	Job Depth TVD	Job Completed	24 - Feb - 2012	17:00	MST
Water Depth		Wk Ht Above Floor	Departed Loc			
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
12 1/4" Open Hole				12.25				.	830.		
9 5/8" Surface Casing	New		9.625	8.921	36.		J-55	.	813.2		

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	Type	Size	Qty	Make
Guide Shoe					Packer				Top Plug	9.625	1	
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

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	FRESH WATER	20.00	bbl	8.34	.0	.0	2	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	6	13.77
	13.77 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	6	6.85
	6.85 Gal	FRESH WATER							
4	Displacement	FRESH WATER	51.00	bbl	9.			6	
Calculated Values		Pressures		Volumes					
Displacement	51	Shut In: Instant		Lost Returns		Cement Slurry	80	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	27	Actual Displacement	51	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	6	Displacement	6	Avg. Job			9
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					

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Legal Description:			
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Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srv Supervisor: LEIST, JAMES	MBU ID Emp #: 362787

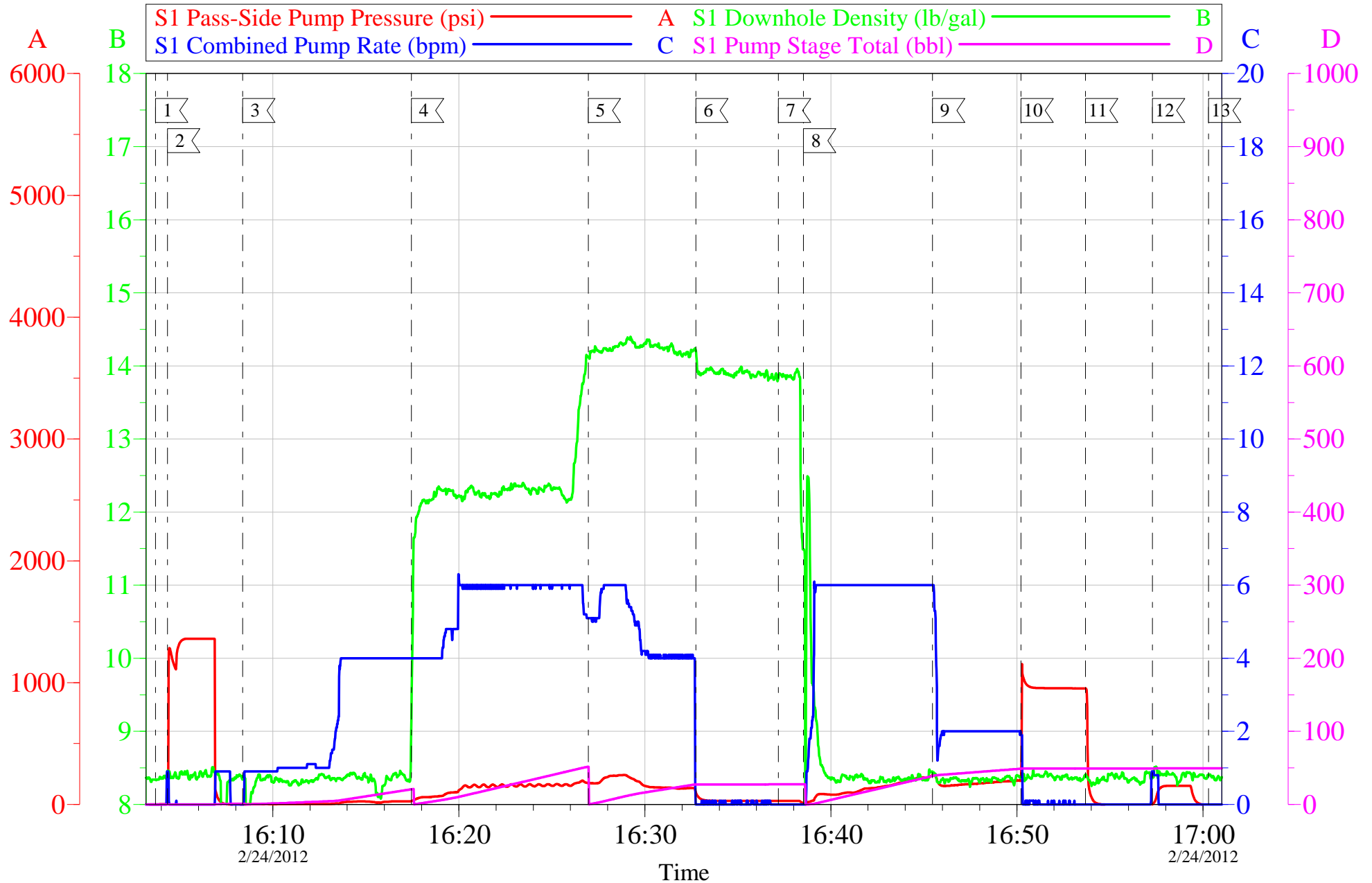
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/24/2012 12:00							
Pre-Convoy Safety Meeting	02/24/2012 13:00							WITH ALL HES PERSONNEL
Comment	02/24/2012 15:41							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW
Arrive At Loc	02/24/2012 16:00							
Start Job	02/24/2012 16:03							HOLE WAS DRILLED WITH AIR, NO WELL FLUID IN HOLE.
Pressure Test	02/24/2012 16:04							1351 PSI
Pump Spacer	02/24/2012 16:08		2	20			24.0	FRESH WATER
Pre-Rig Up Safety Meeting	02/24/2012 16:15							WITH ALL ON HES PERSONNEL
Pump Lead Cement	02/24/2012 16:17		6	50			150.0	120 SKS, 12.3 PPG, 2.38 FT3/SK, 13.77GAL/SK
Pump Tail Cement	02/24/2012 16:26		6	30			240.0	120 SKS, 14.2 PPG, 1.43 FT3/SK, 6.85 GAL/SK
Rig-Up Completed	02/24/2012 16:30							TP-705.03 FT. 9 5/8 36# J-55, TD-725 FT., S.J.-44.9 FT., HOLE- 12 1/4
Shutdown	02/24/2012 16:32							
Pre-Job Safety Meeting	02/24/2012 16:35							WITH ALL ON LOCATION PERSONNEL
Drop Top Plug	02/24/2012 16:37							JOB PUMPED THROUGH SWAGE

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	02/24/2012 16:38		6	51			241.0	FRESH WATER, 27 BBLS CMT TO SURFACE
Slow Rate	02/24/2012 16:45		2	41			150.0	TO BUMP PLUG
Bump Plug	02/24/2012 16:50		2	51			190.0	PLUG BUMPED
Check Floats	02/24/2012 16:53						950.0	FLOATS ARE HOLDING, PRESSURED UP TO 200 PSI AND SHUT IN AT 2 IN. ON SWAGE
End Job	02/24/2012 17:00							
Pre-Rig Down Safety Meeting	02/24/2012 17:10							WITH ALL HES PERSONNEL
Rig-Down Completed	02/24/2012 17:30							CREW STAYED ON LOCATION FOR NEXT JOB

BILL BARRETT GGU 14A-30-691

SURFACE CASING



Customer:	BILL BARRETT	Job Date:	24-Feb-2012	Sales Order #:	9305791
Well Description:	GGU 14A-30-691	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	CASEY LAUER	Cement Supervisor:	JAMES LEIST	Elite #:	3
					ROB EICKHOFF

OptiCem v6.4.9
24-Feb-12 17:16

Sales Order #: 9305791	Line Item: 10	
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Rep./Phone:		API / UWI: (leave blank if unknown) 05-045-21250
Well Name: GGU		Well Number: 14A-30-691
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Colorado	Well County: Denver

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date The date the survey was conducted	2/23/2012

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.	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.	2
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	4
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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Well Name: GGU		Well Number: 14A-30-691
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Colorado	Well County: Denver

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	97
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