
BILL BARRETT CORPORATION E-BILL

**Kaufman 21B-24-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
09-Aug-2011

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 2871022		Quote #:		Sales Order #: 8383606	
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep: Henderson, Josh			
Well Name: Kaufman			Well #: 21B-24-692			API/UWI #:	
Field: MAMM CREEK		City (SAP): SILT		County/Parish: Garfield		State: Colorado	
Lat: N 39.516 deg. OR N 39 deg. 30 min. 57.744 secs.				Long: W 107.614 deg. OR W -108 deg. 23 min. 8.945 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: PAUU, SEMISI			MBU ID Emp #: 445202	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEAN, MARK Christophe		454214	HARDRICK, RAYMOND Frank		391324	PAUU, SEMISI Tu'a		445202

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11338215	120 mile	11526496	120 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

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

Job

Formation Name					Job Times			
Formation Depth (MD)	Top		Bottom		Called Out	Date	Time	Time Zone
Form Type			BHST		On Location	09 - Aug - 2011	18:00	MST
Job depth MD	800. ft		Job Depth TVD	800. ft	Job Started	09 - Aug - 2011	20:34	MST
Water Depth			Wk Ht Above Floor	3. ft	Job Completed	09 - Aug - 2011	21:30	MST
Perforation Depth (MD)	From		To		Departed Loc	09 - Aug - 2011	23:00	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
-------------	------------	-------------------	---------	-------	---------------	--------	-------	-----------	--------------	------------	---------------

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	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
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 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 lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

Stage/Plug #: 1										
1	Water Spacer		20.00	bbl	.	.0	.0	.0		
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77		13.77	
	13.77 Gal	FRESH WATER								
3	Tail Cement	SWIFTCES (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85		6.85	
	6.85 Gal	FRESH WATER								
4	Displacement		59.00	bbl	.	.0	.0	.0		
Calculated Values		Pressures		Volumes						
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement		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

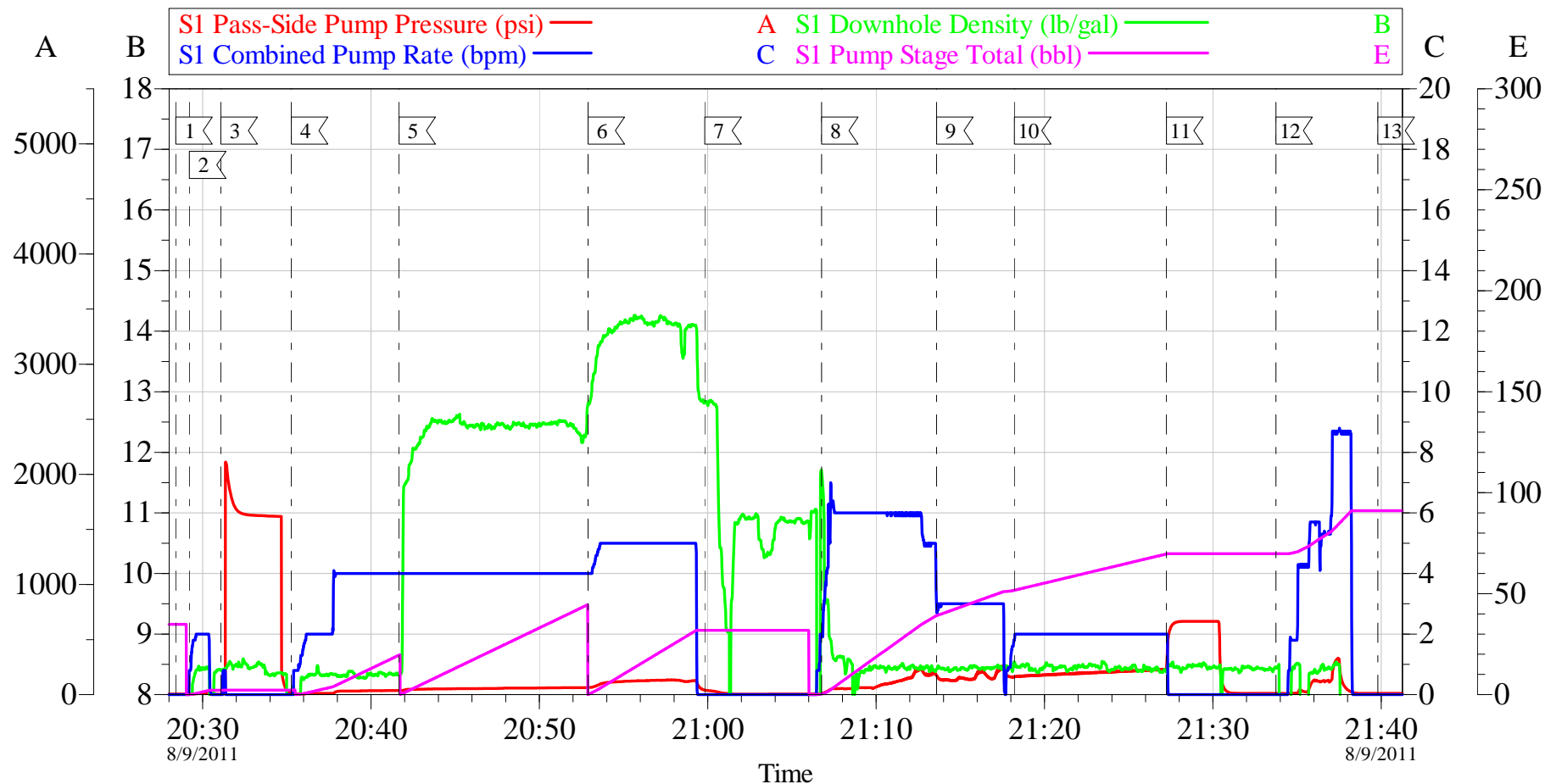
Sold To #: 343492	Ship To #: 2871022	Quote #:	Sales Order #: 8383606
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Henderson, Josh	
Well Name: Kaufman	Well #: 21B-24-692	API/UWI #:	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.516 deg. OR N 39 deg. 30 min. 57.744 secs.		Long: W 107.614 deg. OR W -108 deg. 23 min. 8.945 secs.	
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		Srv Supervisor: PAUU, SEMISI	MBU ID Emp #: 445202

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	08/09/2011 15:00							
Pre-Convoy Safety Meeting	08/09/2011 15:45							
Depart from Service Center or Other Site	08/09/2011 16:00							
Arrive At Loc	08/09/2011 18:00							
Safety Meeting - Assessment of Location	08/09/2011 18:05							
Pre-Rig Up Safety Meeting	08/09/2011 18:15							
Rig-Up Equipment	08/09/2011 18:30							
Rig-Up Completed	08/09/2011 19:30							
Pre-Job Safety Meeting	08/09/2011 20:20							
Pressure Test	08/09/2011 20:34							Pressure tested lines to 1500 psi, no leaks
Pump Spacer 1	08/09/2011 20:37		2		20		.0	Pumped 20 bbl Fresh Spacer
Pump Lead Cement	08/09/2011 20:43		4		51		40.0	Started 50.9 BBL Lead Cement (120 sks) at 12.3#/gal 2.38 Yield 13.77 gal/sks
Pump Tail Cement	08/09/2011 20:54		5		31		100.0	Started 30.6 BBL Tail Cement (120 sks) at 14.2#/gal 1.43 Yield 6.85 gal/sks
Shutdown	08/09/2011 21:01							Finished pumping cement. Prepared to wash up on top of plug. 9.625" HWE top plug dropped by Semisi Pauu

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	08/09/2011 21:08		6		56		200.0	Started 56 bbl fresh water Displacement (Washed pumps and lines on top of plug as per company man's request
Slow Rate	08/09/2011 21:12		3	30	56		200.0	Slowed Rate to 3 bbl/min
Slow Rate	08/09/2011 21:17		2	46	56		170.0	Slowed Rate to 2 bb/min 10 bbl before landing plug
Bump Plug	08/09/2011 21:29		2	56	56		650.0	Landed plug at 220 psi, pressured over to 650 as per company man request
Check Floats	08/09/2011 21:31							Checked Floats Back to Truck. Floats held with 1 bbl back to truck
Safety Meeting - Pre Rig-Down	08/09/2011 21:40							
Rig-Down Equipment	08/09/2011 21:45							
Rig-Down Completed	08/09/2011 22:45							
Pre-Convoy Safety Meeting	08/09/2011 22:50							
Depart Location for Service Center or Other Site	08/09/2011 23:00							This job was completed safely by Semisi Pauu and crew. Thank you for choosing Halliburton Cementing.

BBC Kaufman 21B-24-692

Surface

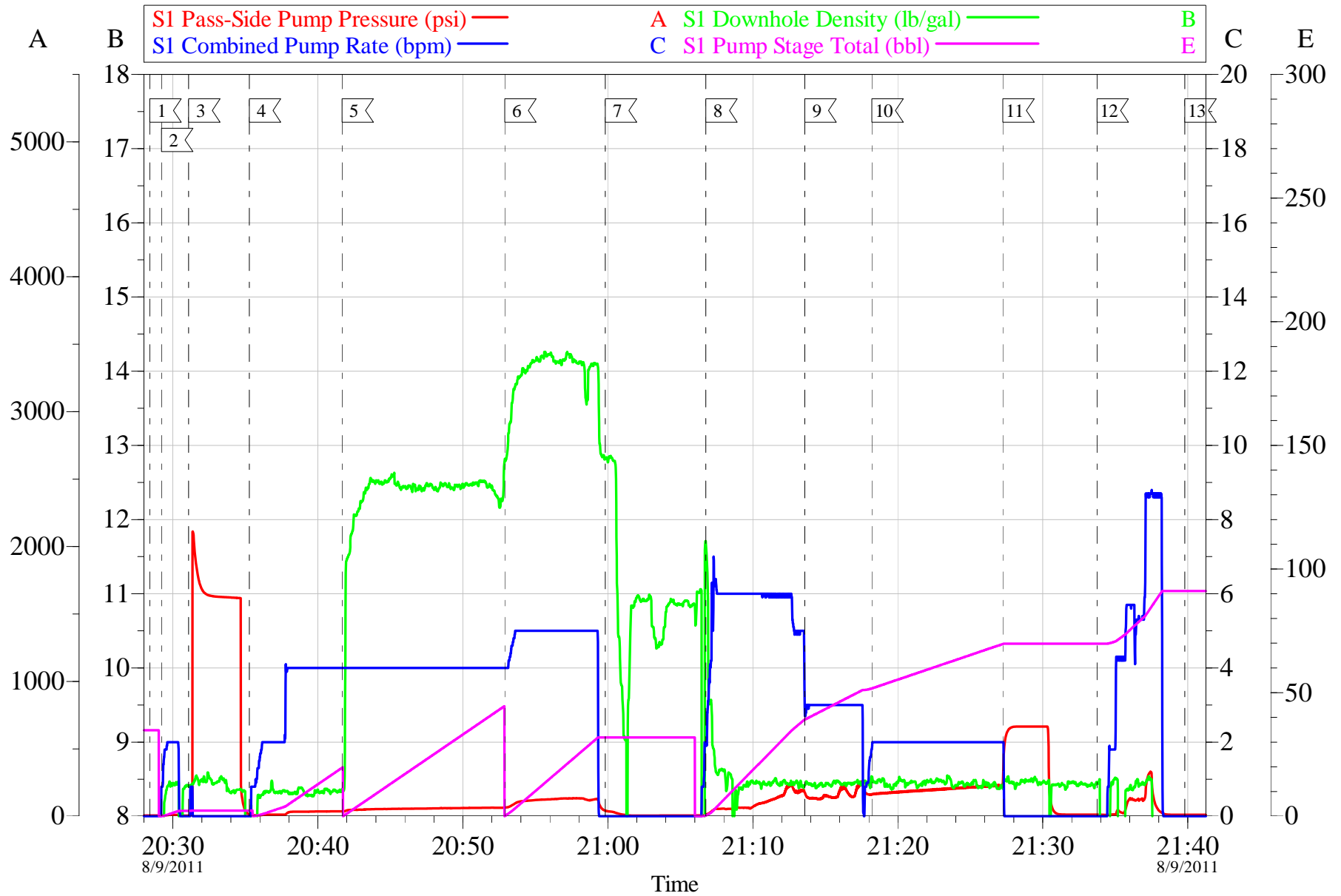


Local Event Log

1 <	Start Job	20:28:24	2 <	Fill Lines	20:29:13	3 <	Pressure Test	20:31:05
4 <	Pump Spacer	20:35:16	5 <	Pump Lead	20:41:40	6 <	Pump Tail	20:52:53
7 <	Shutdown	20:59:49	8 <	Pump Displacement	21:06:46	9 <	Slow Rate	21:13:35
10 <	Slow Rate	21:18:13	11 <	Bump Plug	21:27:15	12 <	Check Floats	21:33:44
13 <	End Job	21:39:48						

BBC Kaufman 21B-24-692

Surface



Sales Order #: 8383606	Line Item: 10	Survey Conducted Date: 8/9/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative:		API / UWI: (leave blank if unknown) AFEYCG4NSZJAKGZOOAA
Well Name: Kaufman		Well Number: 21B-24-692
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	8/9/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	SEMISI PAUU (HB45586)
Customer Participation	Did the customer participate 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	
Job DVA	Did we provide job DVA above our normal service today? Circle Y or N	
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

Sales Order #: 8383606	Line Item: 10	Survey Conducted Date: 8/9/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative:		API / UWI: (leave blank if unknown) AFEYCG4NSZJAKGZOAAA
Well Name: Kaufman		Well Number: 21B-24-692
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	8/9/2011
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)	3
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
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	3
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 #: 8383606	Line Item: 10	Survey Conducted Date: 8/9/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative:		API / UWI: (leave blank if unknown) AFEYCG4NSZJAKGZOAAA
Well Name: Kaufman		Well Number: 21B-24-692
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