
BILL BARRETT CORPORATION E-BILL

**KAUFMAN 22D-24-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
14-Aug-2011

Post Job Summary

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2871045	Quote #:	Sales Order #: 8383994
Customer: BILL BARRETT CORPORATION E-BILL	Customer Rep: Henderson, Josh		
Well Name: KAUFMAN	Well #: 22D-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. 57.708 secs.	Long: W 107.614 deg. OR W -108 deg. 23 min. 8.336 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: MAGERS, MICHAEL	MBU ID Emp #:	339439

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BORSZICH, STEPHEN A	14	412388	MAGERS, MICHAEL Gerard	14	339439	SINCLAIR, DAN J	14	338784
WILKERSON, JAMES Michael	14	496763						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10784064	120 mile	10829469	120 mile	10872429	120 mile	11006314	120 mile
11360883	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
08/13/2011	12	0	08/14/2011	2	1			

TOTAL Total is the sum of each column separately

Job

Formation Name									Date	Time	Time Zone	
Formation Depth (MD)		Top			Bottom			Called Out				
Form Type			BHST						On Location	13 - Aug - 2011	12:00	MST
Job depth MD		830. ft		Job Depth TVD		830. ft		Job Started	14 - Aug - 2011	00:12	MST	
Water Depth				Wk Ht Above Floor		1. ft		Job Completed	14 - Aug - 2011	01:11	MST	
Perforation Depth (MD)		From			To			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
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										Plug Container	9.625	SWAGE	
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	.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		61.00	bbl	.	.0	.0	.0			
Calculated Values		Pressures		Volumes							
Displacement	61.2	Shut In: Instant		Lost Returns	0	Cement Slurry	81.5	Pad			
Top Of Cement	SURFACE	5 Min		Cement Returns	20	Actual Displacement		Treatment			
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	163		
Rates											
Circulating	NONE	Mixing	5	Displacement	5/2	Avg. Job	5				
Cement Left In Pipe	Amount	44.8 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 #: 2871045	Quote #:	Sales Order #: 8383994
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Henderson, Josh	
Well Name: KAUFMAN	Well #: 22D-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. 57.708 secs.		Long: W 107.614 deg. OR W -108 deg. 23 min. 8.336 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		Srvc Supervisor: MAGERS, MICHAEL	MBU ID Emp #: 339439

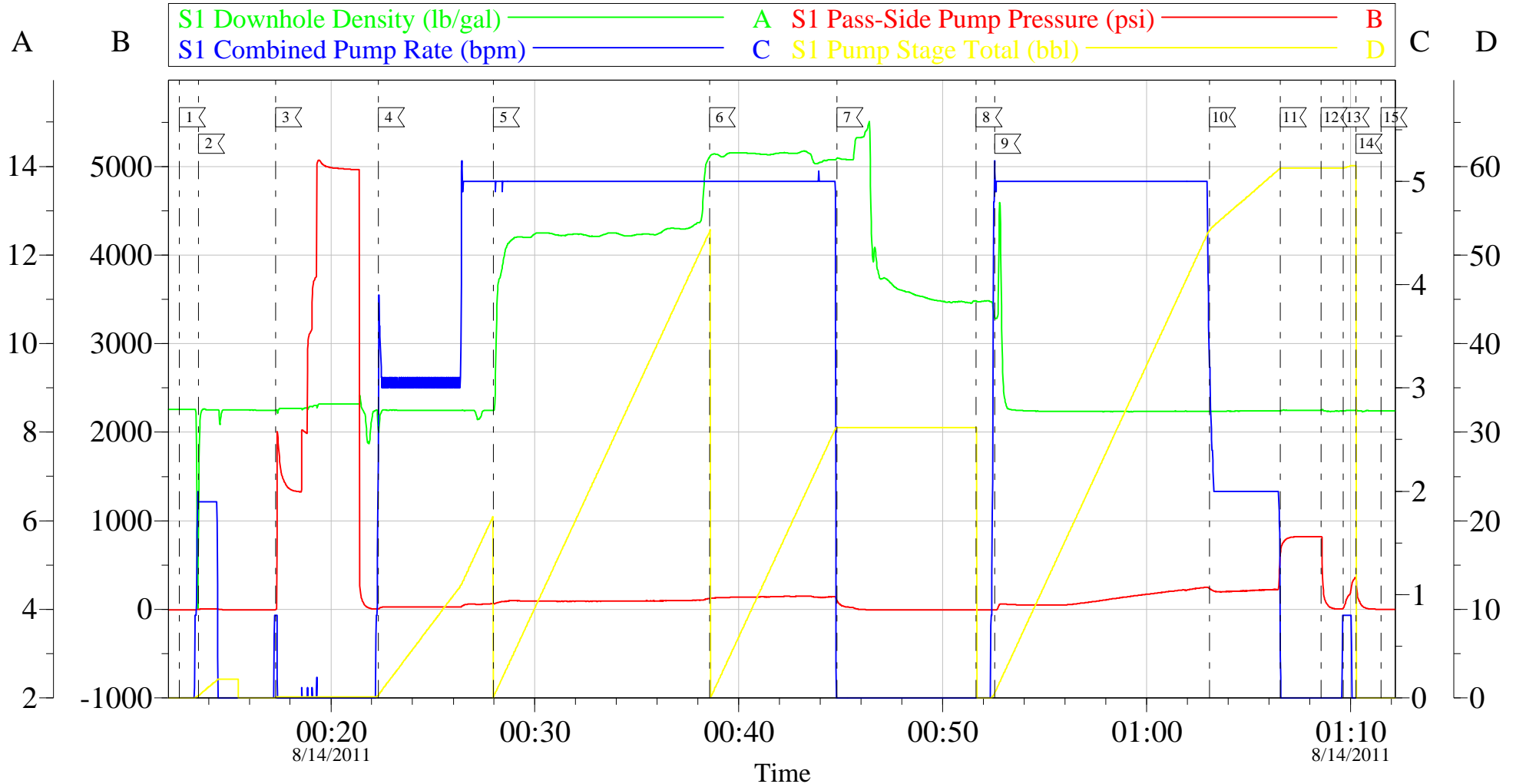
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive At Loc	08/13/2011 12:00							HES ALREADY ON LOCATION WAITING FOR RIG TO DRILL NEW JOLE AND RUN CASING
Pre-Rig Up Safety Meeting	08/13/2011 23:45							
Rig-Up Equipment	08/13/2011 23:50							TD-830 TP-822.2 SJ-44.8 MW-8.33 CSG- 9 5/8 36# J-55 OH-12 1/4"
Safety Huddle	08/14/2011 00:01							RIG AND HES ALL PRESENT
Start Job	08/14/2011 00:12							
Other	08/14/2011 00:13		2	2			5.0	FILL LINES
Pressure Test	08/14/2011 00:17		0.5	0.5			5060.0	PSI TEST OK
Pump Spacer 1	08/14/2011 00:22		3	20			27.0	FRESH WATER
Pump Lead Cement	08/14/2011 00:27		5	50.9			128.0	VERSACEM 120 SKS 12.3 PPG 2.38 FT3/SK 13.77 GAL/SK
Pump Tail Cement	08/14/2011 00:38		5	30.6			134.0	SWIFTCESM 120 SKS 14.2 PPG 1.43 FT3/SK 6.85 GAL/SK GOT RETURNS AT 19 BBLS
Shutdown	08/14/2011 00:44							
Drop Plug	08/14/2011 00:51							PLUG AWAY NO PROBLEMS
Pump Displacement	08/14/2011 00:52		5	61.2			245.0	FRESH WATER/GOT RETURNS BACK AT 10 BBLS

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Slow Rate	08/14/2011 01:03		2	51			200.0	GOT 20 BBLS OF CEMENT TO SURFACE
Bump Plug	08/14/2011 01:06		2	61.2			225.0	BUMPED PLUG
Check Floats	08/14/2011 01:08			61.2			760.0	FLOATS HELD/GOT 1/2 BBLS BACK
Shut In Well	08/14/2011 01:09						225.0	SHUT IN WELL 2" LO- TORC VALVE WITH 225 PSI
Release Casing Pressure	08/14/2011 01:10							RELEASE PRESSURE ON LINE
End Job	08/14/2011 01:11							THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

BILL BARRETT PRO PETRO

9.625 SURFACE



Local Event Log

1 START JOB	00:12:34	2 FILL LINES	00:13:30	3 PRESSURE TEST	00:17:18
4 PUMP H2O SPACER	00:22:20	5 PUMP LEAD CEMENT	00:27:58	6 PUMP TAIL CEMENT	00:38:34
7 SHUT DOWN	00:44:49	8 DROP PLUG	00:51:38	9 PUMP FRSH WTR DISPLACEMENT	00:52:34
10 SLOW RATE	01:03:05	11 BUMP PLUG	01:06:33	12 CHECK FLOATS	01:08:34
13 SHUT IN WELL	01:09:39	14 RELEASE PRESSURE ON LINE	01:10:16	15 END JOB	01:11:30

Customer: BILL BARRETT PRO PETRO
 Well Description: KAUFMAN 22D-24-692
 Company Rep: JOSH HENDERSON

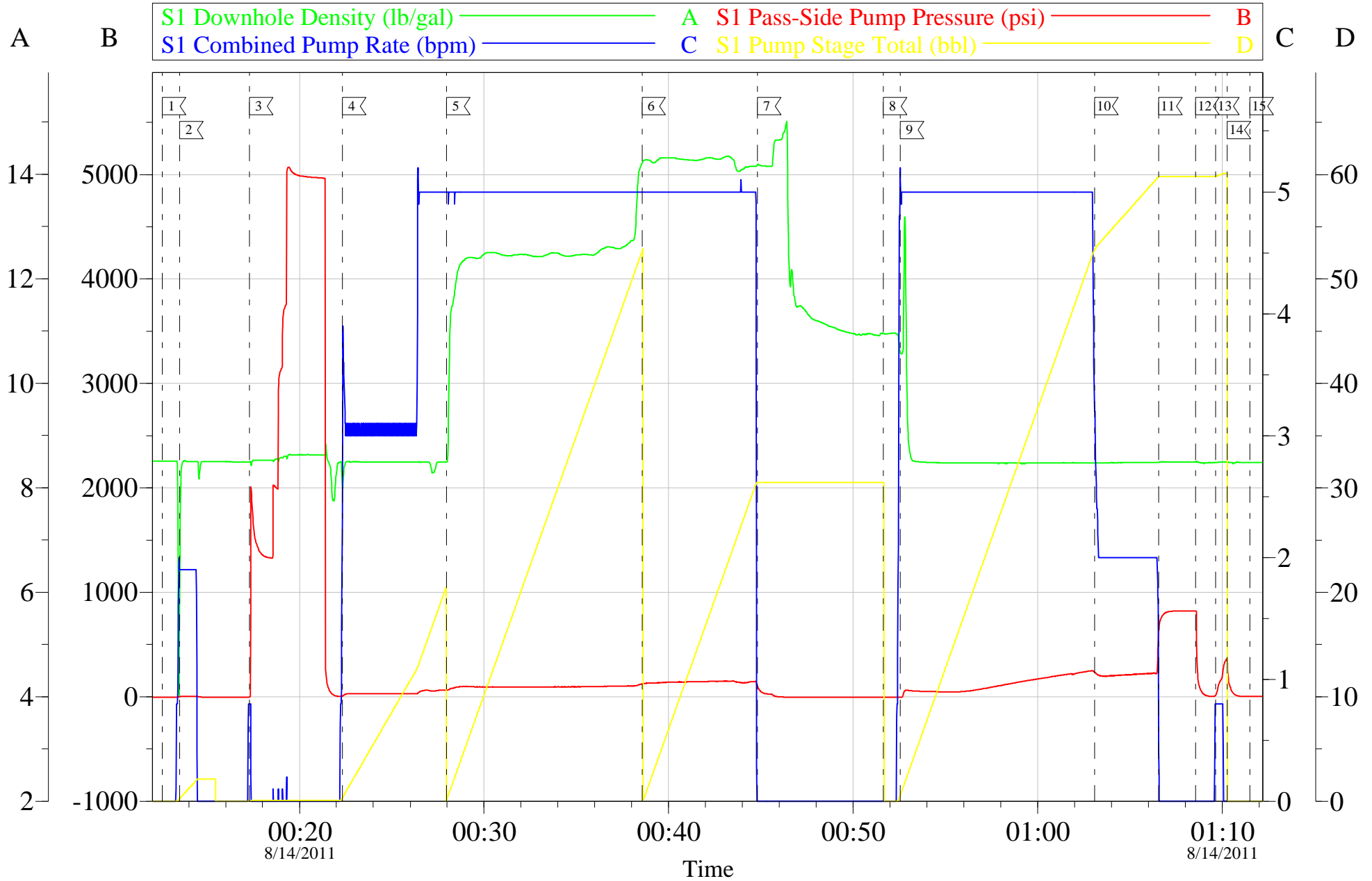
Job Date: 14-Aug-2011
 Job Type: SURFACE
 Cement Supervisor: MIKE MAGERS

Sales Order #: 8383994
 ADC Used: YES
 Elite #: 7 DAN SINCLAIR

OptiCem v6.3.4
 14-Aug-11 01:28

BILL BARRETT PRO PETRO

9.625 SURFACE



Customer: BILL BARRETT PRO PETRO
 Well Description: KAUFMAN 22D-24-692
 Company Rep: JOSH HENDERSON

Job Date: 14-Aug-2011
 Job Type: SURFACE
 Cement Supervisor: MIKE MAGERS

Sales Order #: 8383994
 ADC Used: YES
 Elite #: 7 DAN SINCLAIR

OptiCem v6.3.4
 14-Aug-11 01:28

Sales Order #: 8383994	Line Item: 10	Survey Conducted Date: 8/14/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) AFEYCIDWLYJF0L1LAAA
Well Name: KAUFMAN		Well Number: 22D-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	8/14/2011
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	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

Sales Order #: 8383994	Line Item: 10	Survey Conducted Date: 8/14/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) AFEYCIDWLYJF0L1LAAA
Well Name: KAUFMAN		Well Number: 22D-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	8/14/2011
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)	1.5
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	Workover
Type Of Rig (classification) Job Was Performed On	
Number Of JSAs Performed	4
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 #: 8383994	Line Item: 10	Survey Conducted Date: 8/14/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) AFEYCIDWLYJF0L1LAAA
Well Name: KAUFMAN		Well Number: 22D-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