
BILL BARRETT CORPORATION E-BILL

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

**Cement Surface Casing
10-Aug-2011**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2871050	Quote #:	Sales Order #: 8384048
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Henderson, Josh	
Well Name: Kaufman		Well #: 21D-24-692	API/UWI #: 05-045-19915
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.516 deg. OR N 39 deg. 30 min. 57.845 secs.		Long: W 107.614 deg. OR W -108 deg. 23 min. 8.938 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	6	412388	MAGERS, MICHAEL Gerard	6	339439	SINCLAIR, DAN J	6	338784
WILKERSON, JAMES Michael	6	496763						

Equipment

HES Unit #	Distance-1 way						
10001431	120 mile	10724643	120 mile	10829469	120 mile	10872429	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
08/10/2011	6	1						

TOTAL Total is the sum of each column separately

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone	
Formation Depth (MD)			On Location	10 - Aug - 2011	11:00	MST	
Form Type		BHST	Job Started	10 - Aug - 2011	15:00	MST	
Job depth MD	800. ft	Job Depth TVD	800. ft	Job Started	10 - Aug - 2011	19:48	MST
Water Depth		Wk Ht Above Floor	1. ft	Job Completed	10 - Aug - 2011	20:49	MST
Perforation Depth (MD)	From	To	Departed Loc				

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbf/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12 1/4" Open Hole				12.25				.	820.		
9 5/8" Surface Casing	New		9.625	8.921	36.		J-55	.	796.4		

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	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	Displacement		59.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	58.9	Shut In: Instant		Lost Returns	0	Cement Slurry	81.5	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	10	Actual Displacement	58.8	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	160
Rates									
Circulating	NONE	Mixing	5	Displacement	5/2	Avg. Job	5		
Cement Left In Pipe	Amount	43.22 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

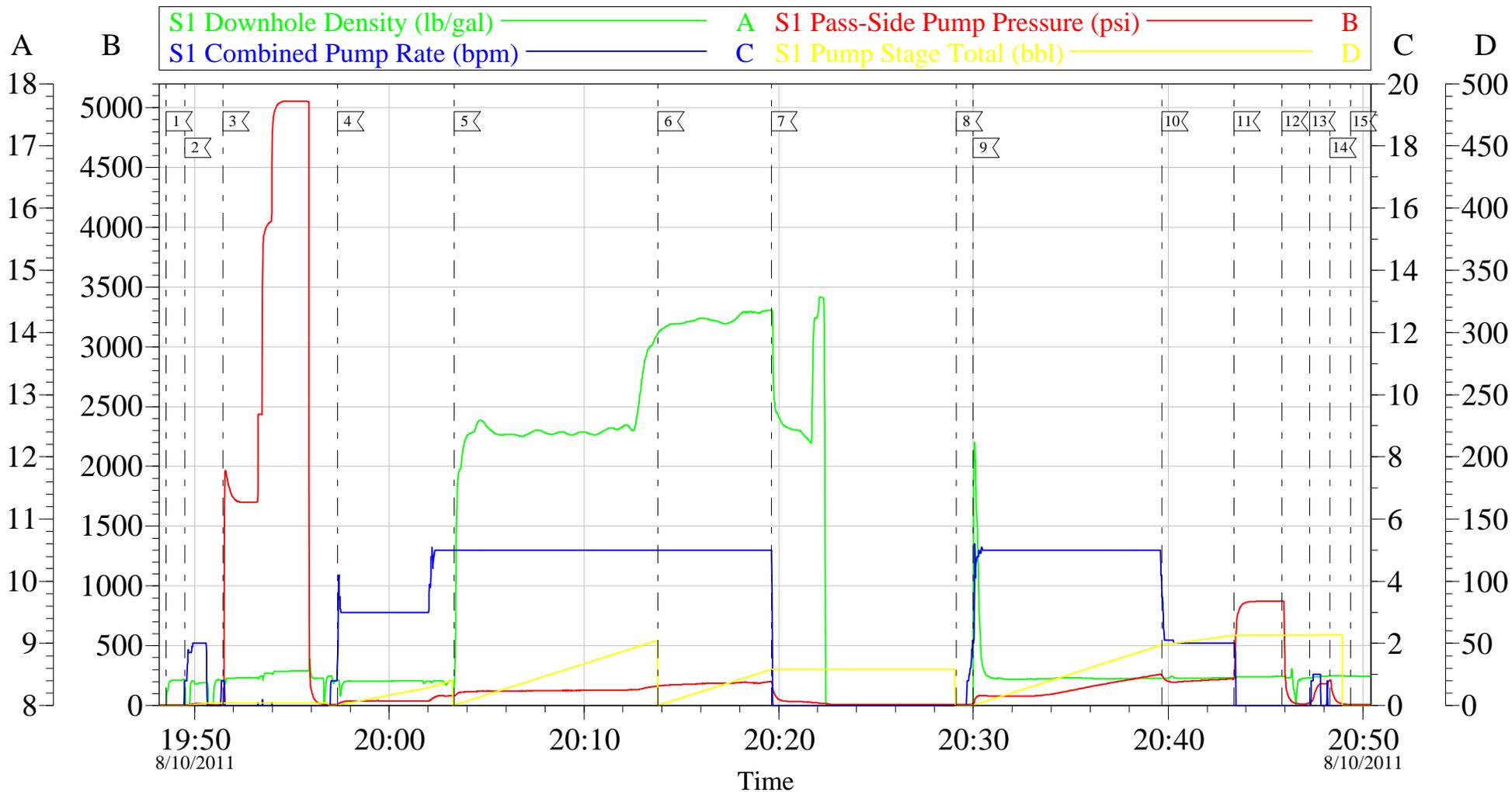
Sold To #: 343492	Ship To #: 2871050	Quote #:	Sales Order #: 8384048
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Henderson, Josh	
Well Name: Kaufman		Well #: 21D-24-692	API/UWI #: 05-045-19915
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.516 deg. OR N 39 deg. 30 min. 57.845 secs.		Long: W 107.614 deg. OR W -108 deg. 23 min. 8.938 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: MAGERS, MICHAEL	MBU ID Emp #: 339439

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Yard	08/10/2011 13:00							HES ALL PRESENT
Arrive At Loc	08/10/2011 15:00							RIG WAS STILL DRILLING WHEN HES ARRIVED
Assessment Of Location Safety Meeting	08/10/2011 15:10							GOOD CONDITION
Pre-Rig Up Safety Meeting	08/10/2011 15:20							1 PICKUP 1 ELITE 1 BULK TRUCK
Rig-Up Equipment	08/10/2011 15:30							TD-800 TP-790.9 SJ-43.22 MW-8.33 CSG-9.625 36# J-55 OH-12.75"
Safety Huddle	08/10/2011 19:40							RIG CREW AND HES ALL PRESENT
Start Job	08/10/2011 19:48							
Other	08/10/2011 19:49		2	2			15.0	FILL LINES
Pressure Test	08/10/2011 19:51		0.5	0.5			5052.0	PSI TEST OK
Pump Spacer 1	08/10/2011 19:57		3	20			59.0	FRESH WATER
Pump Lead Cement	08/10/2011 20:03		5	50.9			166.0	VERSACEM 120 SKS 12.3 PPG 2.38 FT3/SK 13.77 GAL/SK
Pump Tail Cement	08/10/2011 20:13		5	30.6			195.0	SWIFTCEM 120 SKS 14.2 PPG 1.43 FT3/SK 6.85 GAL/SK GOT RETURNS AT 22 BBLS GONE
Shutdown	08/10/2011 20:19							
Drop Plug	08/10/2011 20:29							PLUG AWAY NO PROBLEMS

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	08/10/2011 20:30		5	58.8			213.0	FRESH WATER GOT RETURNS BACK AT 9 BBLS INTO DISPLACEMENT
Slow Rate	08/10/2011 20:39		2	49			219.0	GOT 10 BBLS OF CEMENT TO SURFACE
Bump Plug	08/10/2011 20:43		2	58.8			245.0	BUMPED PLUG
Check Floats	08/10/2011 20:45			58.8			780.0	FLOATS HELD/GOT 1/2BBL BACK INTO DISPLACEMENT
Shut In Well	08/10/2011 20:47						195.0	SHUT IN 2" LO-TORC VALUE WITH 195 PSI
Release Casing Pressure	08/10/2011 20:48							RELEASED PRESSURE
End Job	08/10/2011 20:49							THANKS FOR USING HES AND THE CREW OF MIKE MAGERS

BILL BARRETT PRO PETRO

9.625 SURFACE

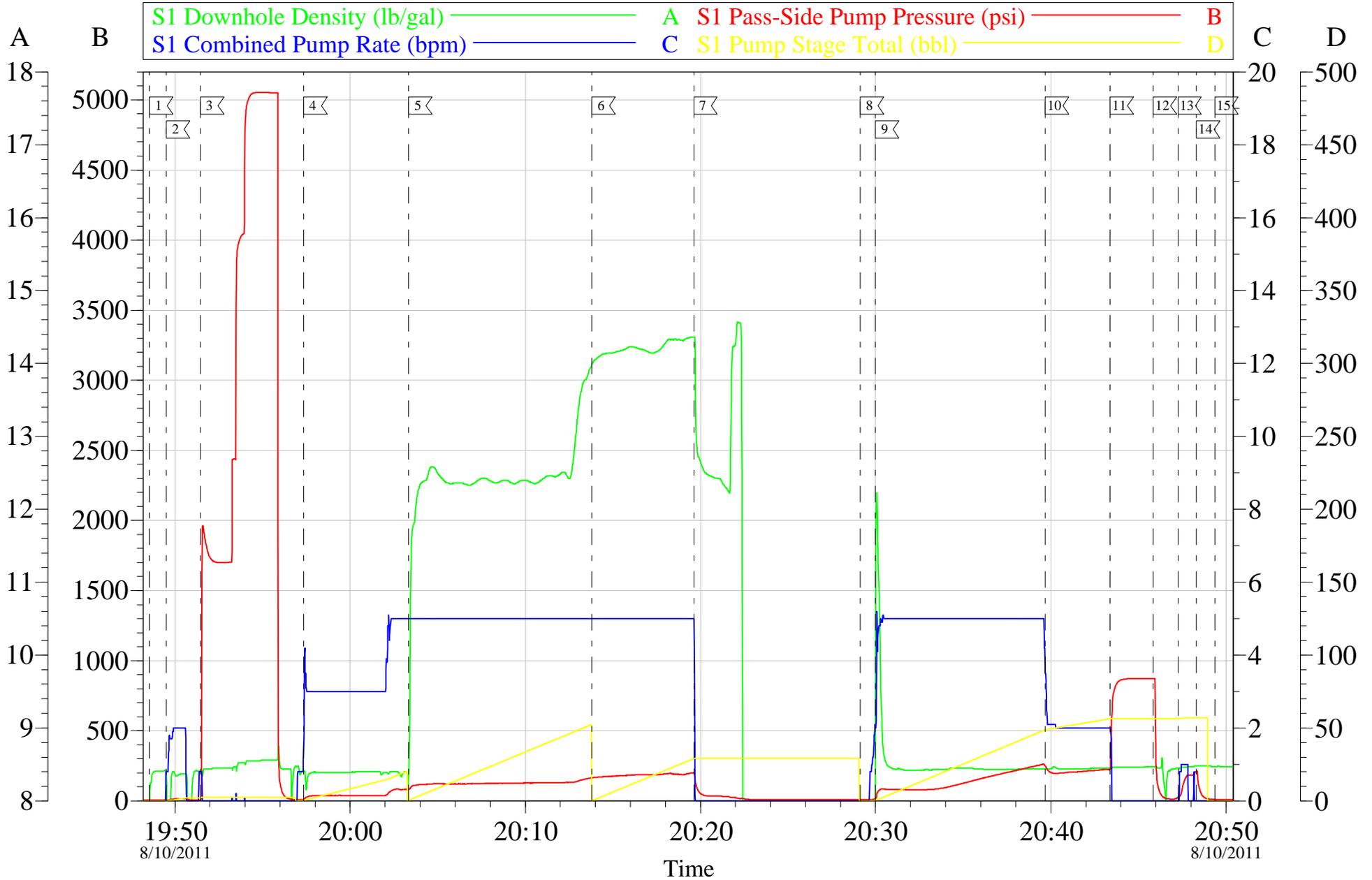


Local Event Log								
1	START JOB	19:48:32	2	FILL LINES	19:49:30	3	PRESSURE TEST	19:51:27
4	PUMP H2O SPACER	19:57:21	5	PUMP LEAD CEMENT	20:03:20	6	PUMP TAIL CEMENT	20:13:48
7	SHUT DOWN	20:19:37	8	DROP PLUG	20:29:07	9	PUMP FRSH WTR DISPLACEMENT	20:30:00
10	SLOW RATE	20:39:41	11	BUMP PLUG	20:43:23	12	CHECK FLOATS	20:45:50
13	SHUT IN PRESSURE CASING	20:47:15	14	RELEASE PRESSURE	20:48:19	15	END JOB	20:49:22

Customer:	BILL BARRETT PRO PETRO	Job Date:	10-Aug-2011	Sales Order #:	8384048
Well Description:	KAUFMAN 21D-24-692	Job Type:	SURFACE	ADC Used:	YES
Company Rep:	JOSH HENDERSON	Cement Supervisor:	MIKE MAGERS	Elite #:	7 DAN SINCLAIR

BILL BARRETT PRO PETRO

9.625 SURFACE



Customer: BILL BARRETT PRO PETRO	Job Date: 10-Aug-2011	Sales Order #: 8384048
Well Description: KAUFMAN 21D-24-692	Job Type: SURFACE	ADC Used: YES
Company Rep: JOSH HENDERSON	Cement Supervisor: MIKE MAGERS	Elite #: 7 DAN SINCLAIR

EVENT #	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job					
6	Test Lines	5000.0				
9	H2O Spacer	20.0	3 bbls/min			
13	Pump Lead Cement	50.9	120	12.3	2.38	13.77
15	Pump Tail Cement	30.6	120	14.2	1.43	6.85
48	Shut Down					
32	Drop Plug					
23	Pump Frsh Wtr Displacement	58.8	5 bbls/min			
1085	Slow Rate	49.0	2 bbls/min			
26	Bump Plug	189 PSI	Plus	500	Over	689 PSI
511	Check Floats					
2	Release Psi / Job Over	0.0				
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH		FLOAT COLLAR	BBL/FT	H2O REQ.
58.84	790.9	43.20		747.70	0.0787	160
PSI to Lift Pipe	341	*****Use Mud Scales on Each Tier*****				
Total Displacement	58.84					
CALCULATED DIFFERENTIAL PSI		189		TOTAL FLUID PUMPED		160
Collapse	1400	BURST	2370		SO#	8384048

Sales Order #: 8384048	Line Item: 10	Survey Conducted Date: 8/10/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19915
Well Name: Kaufman		Well Number: 21D-24-692
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	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	8/10/2011
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 #: 8384048	Line Item: 10	Survey Conducted Date: 8/10/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19915
Well Name: Kaufman		Well Number: 21D-24-692
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	Well State: Colorado	Well County: Garfield

KEY PERFORMANCE INDICATORS

General	
Survey Conducted Date	8/10/2011
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)	2
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 #: 8384048	Line Item: 10	Survey Conducted Date: 8/10/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19915
Well Name: Kaufman		Well Number: 21D-24-692
Well Type: Development Well	Well Country: United States of America	
H2S Present: No	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