
BILL BARRETT CORPORATION E-BILL

**Kaufman 41D-25-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
29-Jul-2011

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 2848879		Quote #:		Sales Order #: 8316380							
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep: Henderson, Josh									
Well Name: Kaufman			Well #: 41D-25-692			API/UWI #:							
Field: MAMM CREEK		City (SAP): SILT		County/Parish: Garfield		State: Colorado							
Lat: N 39.503 deg. OR N 39 deg. 30 min. 11.419 secs.				Long: W 107.605 deg. OR W -108 deg. 23 min. 43.436 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: ERIC CARTER		MBU ID Emp #: 345598								
Job Personnel													
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #					
CARTER, ERIC Earl		345598	JAMISON, PRICE W		229155	VANALSTYNE, TROY L		420256					
Equipment													
HES Unit #	<i>Distance-1 way</i>	HES Unit #	<i>Distance-1 way</i>	HES Unit #	<i>Distance-1 way</i>	HES Unit #	<i>Distance-1 way</i>						
10784064	120 mile	10951251	120 mile	11006314	120 mile	11560046	120 mile						
11562538	120 mile												
Job Hours													
Date	<i>On Location Hours</i>	Operating Hours	Date	<i>On Location Hours</i>	Operating Hours	Date	<i>On Location Hours</i>	Operating Hours					
7/29/11	6	1											
TOTAL		<i>Total is the sum of each column separately</i>											
Job				Job Times									
Formation Name						Date	Time	Time Zone					
Formation Depth (MD)	Top	0	Bottom	820 FT.	Called Out	29 - Jul - 2011	08:30	MST					
Form Type	BHST			On Location	29 - Jul - 2011	13:00	MST						
Job depth MD	820. ft	Job Depth TVD	820. ft	Job Started	29 - Jul - 2011	17:36	MST						
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	29 - Jul - 2011	18:33	MST						
Perforation Depth (MD)	<i>From</i>		<i>To</i>		Departed Loc								
Well Data													
<i>Description</i>	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				.	800.				
9 5/8" Surface Casing	New		9.625	8.921	36.		J-55	.	800.				
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	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9.625"	1	
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	
1	Water Spacer		20.00	bbl	.	.0	.0	5		
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.77	5	13.77	
	13.77 Gal	FRESH WATER								
3	SwiftCem Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	5	6.85	
	6.85 Gal	FRESH WATER								
4	Displacement		58.1	bbl	.	.0	.0	5		
Calculated Values		Pressures			Volumes					
Displacement	58.1	Shut In: Instant		Lost Returns	SOME	Cement Slurry	81.5	Pad		
Top Of Cement	SURFACE	5 Min		Cement Returns	8	Actual Displacement	58.1	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	159.6	
Rates										
Circulating	N/A	Mixing	5	Displacement	5	Avg. Job	5			
Cement Left In Pipe	Amount	44.98ft	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

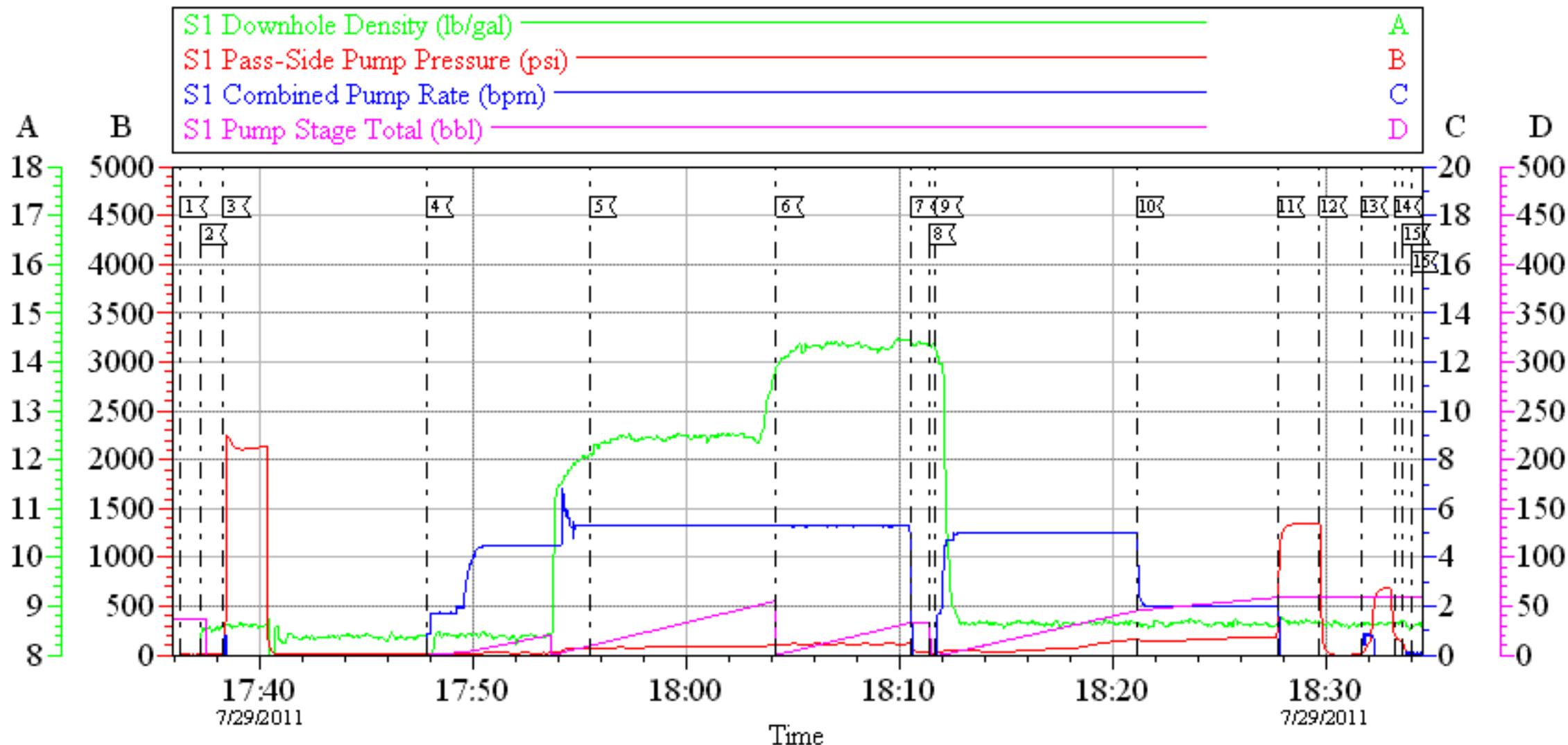
Sold To #: 343492	Ship To #: 2848879	Quote #:	Sales Order #: 8316380
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Henderson, Josh	
Well Name: Kaufman		Well #: 41D-25-692	API/UWI #:
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.503 deg. OR N 39 deg. 30 min. 11.419 secs.		Long: W 107.605 deg. OR W -108 deg. 23 min. 43.436 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: ERIC CARTER	MBU ID Emp #: 345598

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	07/29/2011 08:30							
Depart Yard Safety Meeting	07/29/2011 10:50							ATTENDED BY ALL HES CREW
Crew Leave Yard	07/29/2011 11:00							
Arrive At Loc	07/29/2011 13:00							RIG PULLING DP
Assessment Of Location Safety Meeting	07/29/2011 13:10							ATTENDED BY ALL HES CREW
Other	07/29/2011 13:20							SPOT EQUIPMENT
Pre-Rig Up Safety Meeting	07/29/2011 13:30							ATTENDED BY ALL HES CREW
Rig-Up Equipment	07/29/2011 13:40							
Pre-Job Safety Meeting	07/29/2011 17:10							ATTENDED BY ALL HES CREW, RIG CREW AND COMPANY REP
Start Job	07/29/2011 17:36							TP 796.35', TD 820', SJ 44.98', FC 751.37', CASING 9.625", 36#, H-40, HOLE 12.25"
Other	07/29/2011 17:37		2	2			28.0	FILL LINES WITH 6X5
Test Lines	07/29/2011 17:38							PRESSURED UP TO 2200 PSI, PRESSURE HELD
Pump Spacer 1	07/29/2011 17:47		5	20			34.0	FRESH WATER
Pump Lead Cement	07/29/2011 17:55		5	50.9			110.0	120 SKS MIXED AT 12.3 PPG, 2.38 YIELD, 13.75 GL/SK
Pump Tail Cement	07/29/2011 18:04		5	30.6			140.0	120 SKS MIXED AT 14.2, 1.43 YIELD, 6.85 GL/SK

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Shutdown	07/29/2011 18:10							
Drop Top Plug	07/29/2011 18:11							COMPANY REP VERIFIED THAT PLUG LAUNCHED
Pump Displacement	07/29/2011 18:11		5	40			140.0	FRESH WATER
Slow Rate	07/29/2011 18:21		2	18.1			200.0	
Bump Plug	07/29/2011 18:27						1340.0	PLUG LANDED
Check Floats	07/29/2011 18:29							FLOATS DID NOT HOLD
Pressure Up	07/29/2011 18:31						700.0	
Shut In Well	07/29/2011 18:33						220.0	SHUT IN WELL WITH 2" LO-TORCH
Other	07/29/2011 18:33							RELEASE PRESSURE ON IRON
End Job	07/29/2011 18:33							GAINED CIRCULATION AT 39 BBLS DISPLACEMENT, 8 BBLS CEMENT TO SURFACE, PIPE WAS NOT MOVED DURING JOB, CEMENT FELL
Post-Job Safety Meeting (Pre Rig-Down)	07/29/2011 18:35							ATTENDED BY ALL HES CREW
Rig-Down Equipment	07/29/2011 18:40							

BILL BARRETT

9.625" SURFACE/KAUFMAN 41D-25-692



Local Event Log								
1	STARTJOB	17:36:15	2	FILL LINES	17:37:10	3	TEST LINES	17:38:15
4	PUMP H2O SPACER	17:47:46	5	PUMP LEAD CEMENT	17:55:25	6	PUMP TAIL CEMENT	18:04:12
7	SHUTDOWN	18:10:29	8	DROP TOP PLUG	18:11:20	9	PUMP H2O DISPLACEMENT	18:11:41
10	SLOWRATE	18:21:08	11	BUMP PLUG	18:27:42	12	CHECK FLOATS	18:29:41
13	PRESSURE UP	18:31:36	14	SHUT IN WELL	18:33:12	15	RELEASE PRESSURE	18:33:35
16	ENDJOB	18:33:59						

Customer: BILL BARRETT CORPORATION E-BILL
 Well Description: Kaufman 41D-25-692
 Company Rep: JOSH HENDERSON

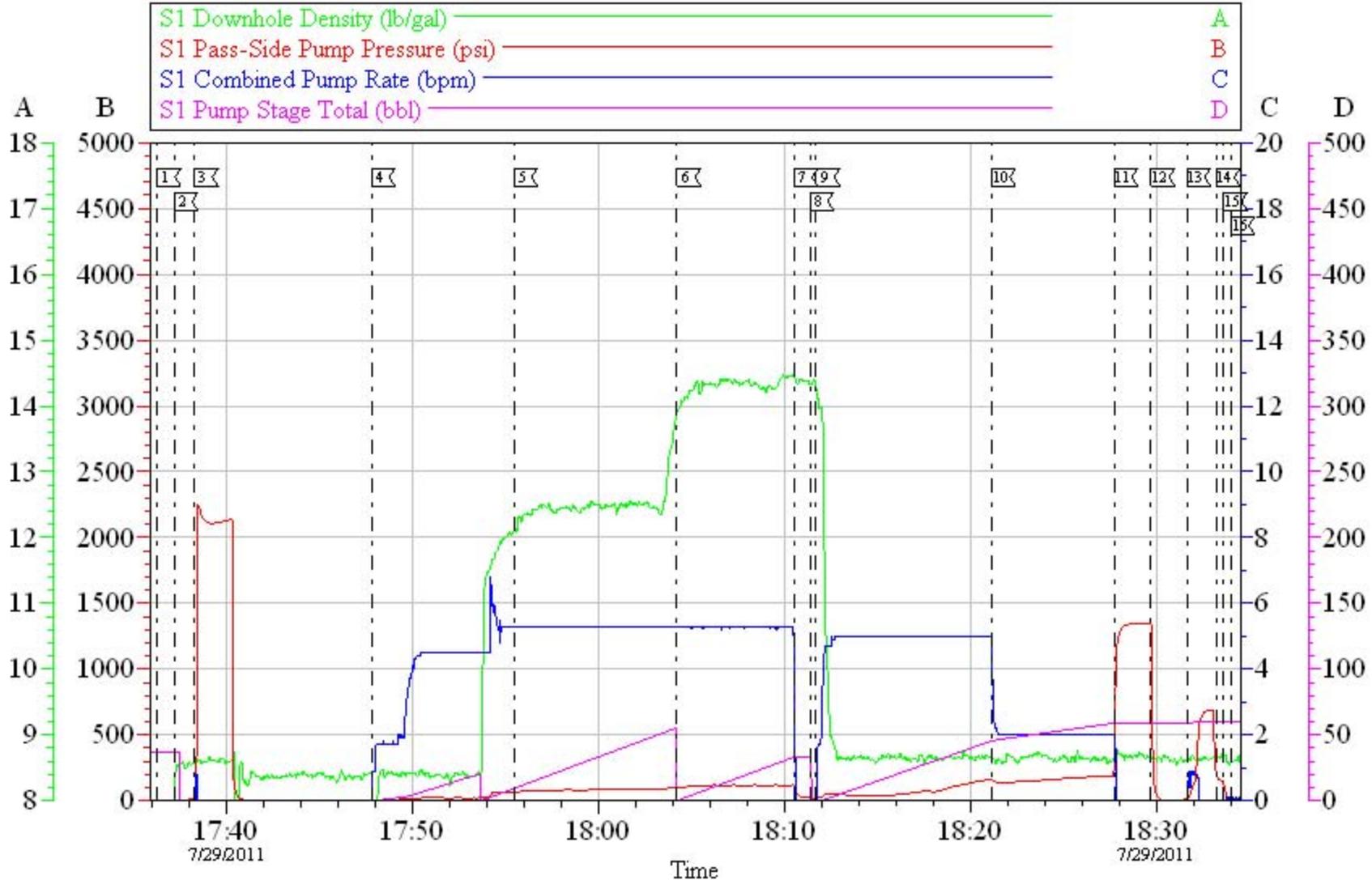
Job Date: 29-Jul-2011
 Job Type: SURFACE
 Cement Supervisor: ERIC CARTER

Sales Order #: 8316380
 ADC Used: YES
 Elite #/Operator: 5/BILL JAMISON

OptiCem v6.4.0
 29-Jul-11 18:43

BILL BARRETT

9.625" SURFACE/KAUFMAN 41D-25-692



Customer: BILL BARRETT CORPORATION E-BILL
Well Description: Kaufman 41D-25-692
Company Rep: JOSH HENDERSON

Job Date: 29-Jul-2011
Job Type: SURFACE
Cement Supervisor: ERIC CARTER

Sales Order #: 8316380
ADC Used: YES
Elite #/Operator: 5/BILL JAMISON

OptiCem v6.4.0
29-Jul-11 18:43

HALLIBURTON

Water Analysis Report

Company: PRO PETRO

Date: 7/29/2011

Submitted by: ERIC CARTER

Date Rec.: 7/29/2011

Attention: J.Trout

S.O.# 8316380

Lease PETRO

Job Type: SURFACE

Well # KUAFMAN

Specific Gravity	<i>MAX</i>	1
pH	<i>8</i>	7
Potassium (K)	<i>5000</i>	0 Mg / L
Hrdness	<i>500</i>	120 Mg / L
Iron (FE2)	<i>300</i>	0 Mg / L
Chlorides (Cl)	<i>3000</i>	0 Mg / L
Sulfates (SO ₄)	<i>1500</i>	<200 Mg / L
Temp	<i>40-80</i>	75 Deg
Total Dissolved Solids		260 Mg / L

Respectfully: ERIC CARTER

Title: CEMENTING SUPERVISOR

Location: Grand Junction, CO

Sales Order #: 8316380	Line Item: 10	Survey Conducted Date: 7/29/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) AFEYCOJ3A0JSBIMVAAA
Well Name: Kaufman		Well Number: 41D-25-692
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	7/29/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	ERIC CARTER (HX15491)
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 #: 8316380	Line Item: 10	Survey Conducted Date: 7/29/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) AFEYCOJ3A0JSBIMVAAA
Well Name: Kaufman		Well Number: 41D-25-692
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	7/29/2011
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	5
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 #: 8316380	Line Item: 10	Survey Conducted Date: 7/29/2011
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Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) AFEYCOJ3A0JSBIMVAAA
Well Name: Kaufman		Well Number: 41D-25-692
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	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	98
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