
BILL BARRETT CORPORATION E-BILL

**KAUFMAN 23A-25-692
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
21-May-2011

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2854163	Quote #:	Sales Order #: 8107118
Customer: BILL BARRETT CORPORATION E-BILL	Customer Rep: Henderson, Josh		
Well Name: KAUFMAN	Well #: 23A-25-692	API/UWI #: 05-045-19653	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.497 deg. OR N 39 deg. 29 min. 49.549 secs.	Long: E 107.619 deg. OR E 107 deg. 37 min. 7.914 secs.		
Contractor: Pro Petro	Rig/Platform Name/Num: Pro Petro		
Job Purpose: Cement Surface Casing			
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: METLI, MARSHALL	Srv Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEUSSEN, EDWARD Eric	27	485182	MILLER II, MATTHEW Reginald	27	425164	STILLSON, ERIC W	27	393789
TRIPLETT, MICHEAL Anthony	27	447908	WEAVER, CARLTON Russell	27	457698			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	120 mile	10951246	120 mile	10995027	120 mile	11021972	120 mile
11027039	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
05/21/2011	17	1						

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			
Form Type		BHST	Job Started	21 - May - 2011	15:11	MST
Job depth MD	800. ft	Job Depth TVD	800. ft	Job Completed	21 - May - 2011	16:05
Water Depth		Wk Ht Above Floor	2. ft	Departed Loc	21 - May - 2011	17:00
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
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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
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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	12.31	2.39	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		57.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	57.1	Shut In: Instant		Lost Returns	0	Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	57.1	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	165
Rates									
Circulating	0	Mixing	6	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount	44.20 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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Contractor: Pro Petro		Rig/Platform Name/Num: Pro Petro	
Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srvc Supervisor: TRIPLETT, MICHEAL	MBU ID Emp #: 447908

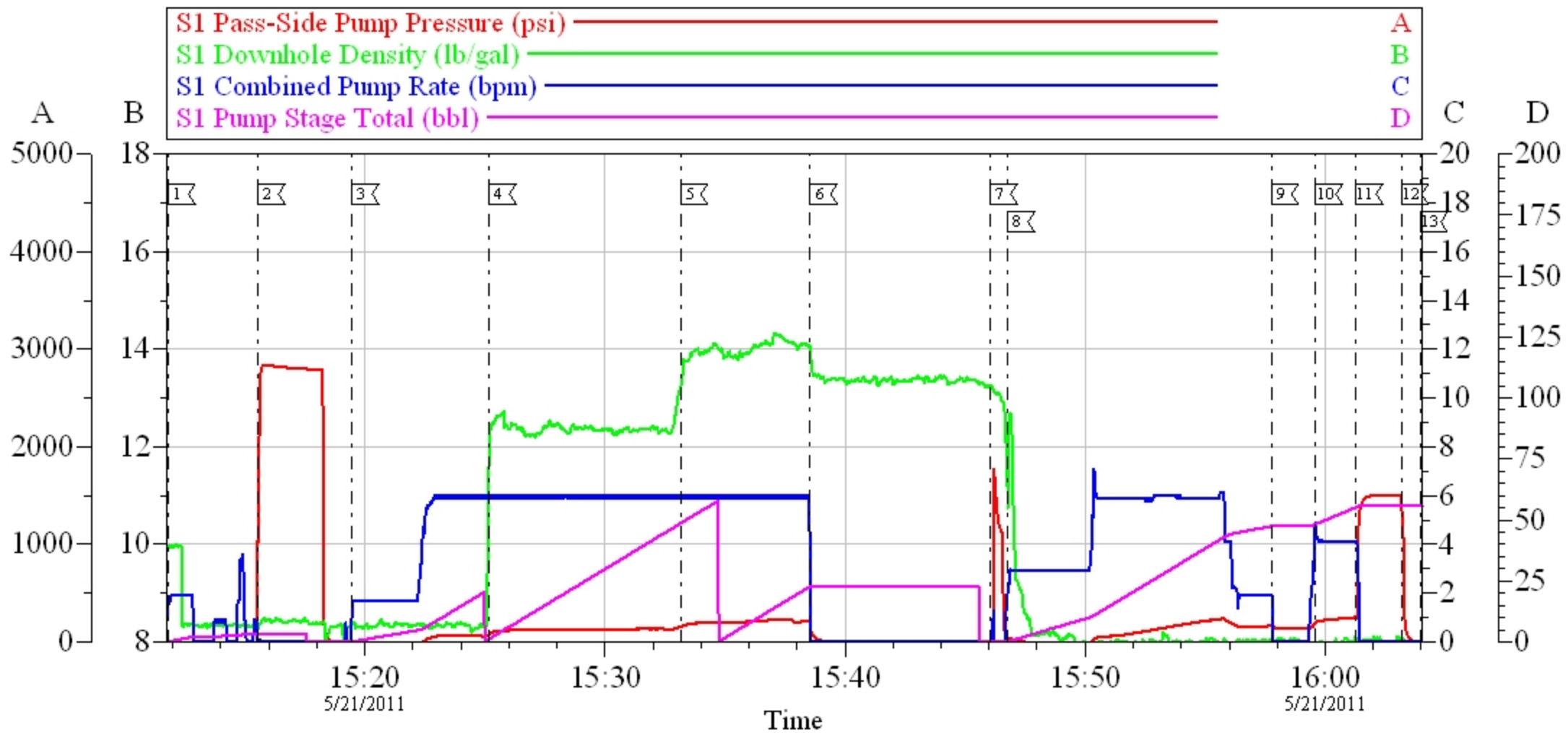
Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	05/21/2011 14:00							SPOT EQUIPMENT, 1 660
Pre-Rig Up Safety Meeting	05/21/2011 14:10							GO OVER JSA HAVE CREW SIGN.
Rig-Up Equipment	05/21/2011 14:15							
Pre-Job Safety Meeting	05/21/2011 15:00							GO OVER JOB PROCEDURES AND SAFETY INFORMATION.
Start Job	05/21/2011 15:11							TD:800', TP:782.85', SJ:44.20', MW:AIR, CASING: 9.625 36#, OH: 12.375"
Test Lines	05/21/2011 15:15						3000. 0	PRESSURE TEST PUMPS AND LINES STARTED AT 2850 PSI ENDED AT 2805 PSI, LOST45 PSI IN 2 MINUTES.
Pump Spacer 1	05/21/2011 15:19		6	20			80.0	FRESH WATER
Pump Lead Cement	05/21/2011 15:25		6	50.9			200.0	120 SACKS MIXED @ 12.3, 2.38 YIELD, 13.77GAL/SACK
Pump Tail Cement	05/21/2011 15:33		6	30.6			250.0	120 SACKS MIXED @ 14.2, 1.43 YIELD, 6.85GAL/SACK
Shutdown	05/21/2011 15:38							
Drop Top Plug	05/21/2011 15:46							
Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	

Cementing Job Log

Pump Displacement	05/21/2011 15:47		6	57.1			250.0	FRESHWATER, HAD TO SLOWRATE AND SHUTDOWN DUE TO CELLAR FILLING UP WITH CEMENT, HAD TO WAIT FOR VAC TRUCK TO COMEBACK AND SUCK OUT CEMENT.
Slow Rate	05/21/2011 15:59		4	47.1			225.0	SLOWRATE LAST 10BBLs PRIOR TO BUMPING PLUG.
Bump Plug	05/21/2011 16:01						500.0	BUMP PLUG AND WENT 500PSI OVER TO 1000 PSI
Check Floats	05/21/2011 16:03							FLOATS HELD
End Job	05/21/2011 16:05							GOT CIRCULATION WITH 15 BBLs OF TAIL CEMENT GONE. GOT CEMENT BACK TO CURFACE WITH 32 BBLs GONE ON DISPLACEMENT. GOT 25 BBLs OF CEMENT BACK TO SURFACE. NO SUGAR USED.
Post-Job Safety Meeting (Pre Rig-Down)	05/21/2011 16:10							
Rig-Down Equipment	05/21/2011 16:15							
Pre-Convoy Safety Meeting	05/21/2011 16:55					.0		
Crew Leave Location	05/21/2011 17:00							THANKS FOR USING HALLIBURTON MIKE TRIPLETT AND CREW

BILL BARRETT

SURFACE KAUFMAN 23A-25-692



Local Event Log

1 START JOB	15:11:49	2 PRESSURE TEST	15:15:34
3 START FRESHWATER SPACER	15:19:28	4 START LEAD CEMENT	15:25:11
5 START TAIL CEMENT	15:33:09	6 SHUTDOWN	15:38:33
7 DROP PLUG	15:46:03	8 START DISPLACEMENT	15:46:47
9 HAD TO SHUTDOWN CAUSE CELLAR WAS FILLING UP	15:57:45	10 SLOWRATE	15:59:36
11 BUMP PLUG	16:01:16	12 CHECK FLOATS	16:03:10
13 END JOB	16:03:58		

Customer: BILL BARRETT
 Well Description: KAUFMAN 23A-25-692
 ADC USED: YES

Job Date: 21-May-2011
 JOB TYPE: SURFACE
 SERVICE SUPERVISOR: MIKE TRIPLETT

Sales Order #: 8107118
 COMPANY REP: JOSH HENDERSON
 ELITE/OPERATER: 3/ ED DUESSEN

OptiCern v6.4.9
 21-May-11 16:21

EVENT #	EVENT	VOLUME	SACKS	WEIGHT	YIELD	GAL/ SK
1	Start Job		1616 <u>Max Psi</u>			
6	Test Lines	3000.0				
10	FRESHWATER	20.0				
13	Lead Cement	50.9	120	12.3	2.38	13.77
15	Tail Cement	30.6	120	14.2	1.43	6.85
22	Drop Plug					
23	KCL DISPLACEMENT	57.1				
	SLOW RATE	47.1				
26	Land Plug	191+500				
2	Release Psi / Job Over					
			Do Not Overdisplace			
DISPLACEMENT	TOTAL PIPE	SHOE JOINT LENGTH		FLOAT COLLAR	BBL/FT	H2O REQ.
57.10	782.85	44.20		738.65	0.0773	140
PSI to Lift Pipe	387	*****<u>Use Mud Scales on Each Tier</u>*****				
Total Displacement	57.10					
CALCULATED DIFFERENTIAL PSI		191		TOTAL FLUID PUMPED		165
Collapse	2020	Burst	3520		SO#	8107118

Sales Order #: 8107118	Line Item: 10	Survey Conducted Date: 5/21/2011
Customer: BILL BARRETT CORPORATION E-BILL		Job Type (BOM): CMT SURFACE CASING BOM
Customer Representative: JOSH HENDERSON		API / UWI: (leave blank if unknown) 05-045-19653
Well Name: KAUFMAN		Well Number: 23A-25-692
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	5/21/2011
Survey Interviewer	The survey interviewer is the person who initiated the survey.	MICHEAL TRIPLETT (HB15721)
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

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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	5/21/2011
The date the survey was conducted	

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.	2
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.	1
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	7
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: KAUFMAN		Well Number: 23A-25-692
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