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# **BILL BARRETT CORPORATION E-BILL**

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**MILLER 33B-6-791  
MAMM CREEK  
Garfield County , Colorado**

**Cement Surface Casing  
10-Jul-2010**

**Post Job Report**

## Cementing Job Summary

## *The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 343492	<b>Ship To #:</b> 2794142	<b>Quote #:</b>	<b>Sales Order #:</b> 7489119
<b>Customer:</b> BILL BARRETT CORPORATION E-BILL		<b>Customer Rep:</b> South, Jodi	
<b>Well Name:</b> MILLER		<b>Well #:</b> 33B-6-791	<b>API/UWI #:</b> 05-045-18665
<b>Field:</b> MAMM CREEK	<b>City (SAP):</b> SILT	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Lat:</b> N 39.477 deg. OR N 39 deg. 28 min. 36.149 secs.		<b>Long:</b> W 107.595 deg. OR W -108 deg. 24 min. 18.461 secs.	
<b>Contractor:</b> BARRETT		<b>Rig/Platform Name/Num:</b> PETRO PLUS	
<b>Job Purpose:</b> Cement Surface Casing			
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> METLI, MARSHALL		<b>Srvs Supervisor:</b> LEIST, JAMES	<b>MBU ID Emp #:</b> 362787

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HOEFER, FREEMAN Dennis	2	369666	LEIST, JAMES R	2	362787	SALAZAR, PAUL Omar	2	445614

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10823383	120 mile	11021972	120 mile	11027039	120 mile	11259882	120 mile

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7-10-10	3	2						

TOTAL	Total is the sum of each column separately				
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Job					Job Times			
Formation Name						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	09 - Jul - 2010	21:00	MST
Form Type		BHST			On Location	10 - Jul - 2010	01:00	MST
Job depth MD	730. ft		Job Depth TVD	730. ft	Job Started	10 - Jul - 2010	02:23	MST
Water Depth			Wk Ht Above Floor	. ft	Job Completed	10 - Jul - 2010	03:12	MST
Perforation Depth (MD)	From		To		Departed Loc	10 - Jul - 2010	05:00	MST

## Well Data

[illegible]Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DAS W/CEMWIN;ACQUIRE W/HES, ZI	1	JOB		

## Tools and Accessories

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 ft <sup>3</sup> /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	13.75		13.75
	13.75 Gal	FRESH WATER							
3	Tail Cement	SWIFTCES (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.88		6.72
	6.715 Gal	FRESH WATER							
4	DISPLACEMENT		53.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	53	Shut In: Instant		Lost Returns	0	Cement Slurry	90	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	32	Actual Displacement	53	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	6	Displacement	7	Avg. Job	6.5		
Cement Left In Pipe	Amount	44.2 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*

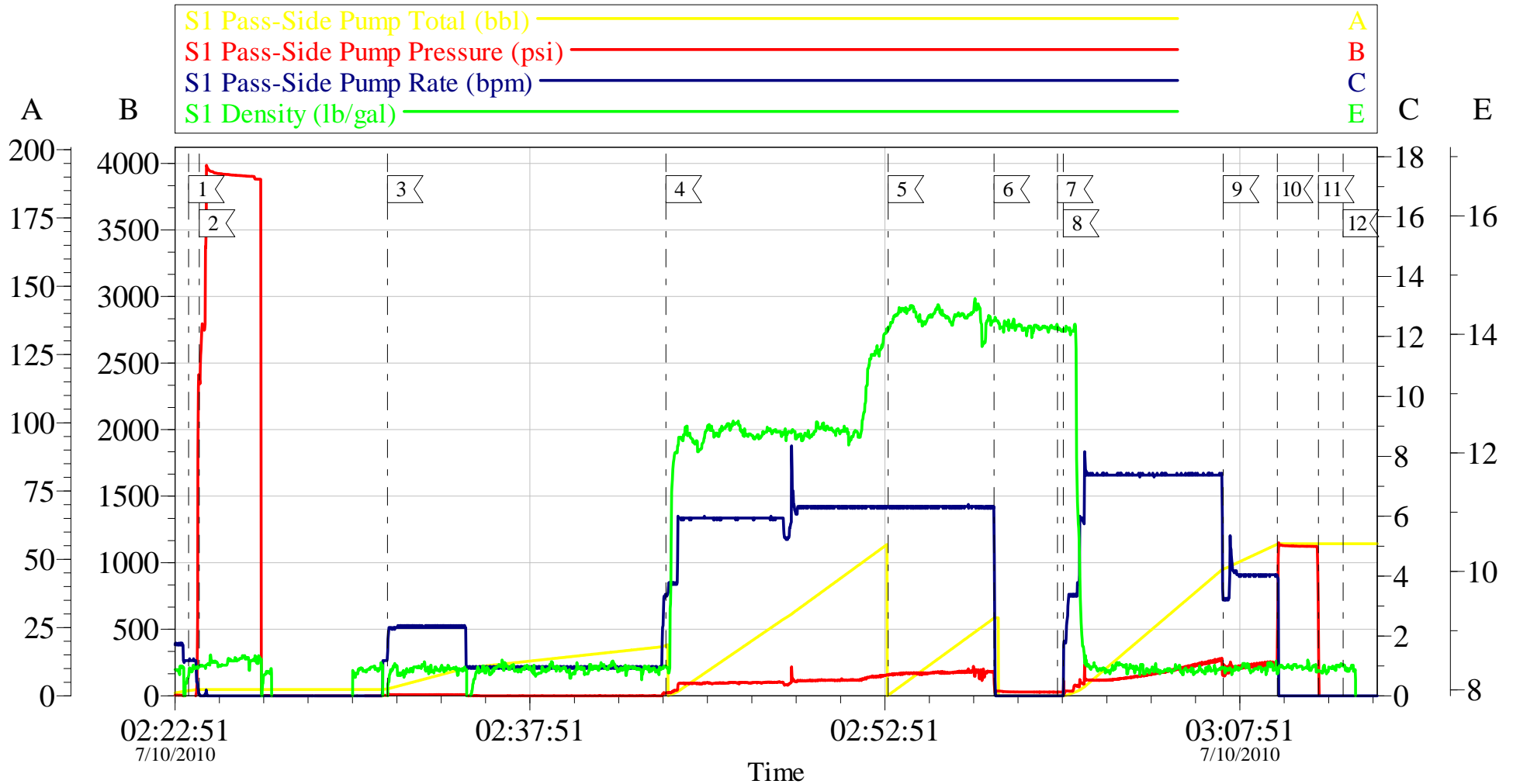
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<b>Job Purpose:</b> Cement Surface Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> METLI, MARSHALL		<b>Srv Supervisor:</b> LEIST, JAMES	<b>MBU ID Emp #:</b> 362787

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	07/09/2010 21:00							
Pre-Convoy Safety Meeting	07/09/2010 22:50							WITH ALL HES PEROSNNEL
Crew Leave Yard	07/09/2010 23:00							
Arrive At Loc	07/10/2010 01:00							TP-730, TD-750 9.625 36#, S.J.-44.2, HOLE-12 3/8, HEAD # B0679
Assessment Of Location Safety Meeting	07/10/2010 01:01							WITH ALL HES PERSONNEL
Pre-Rig Up Safety Meeting	07/10/2010 01:15							WITH ALL HES PERSONNEL
Rig-Up Completed	07/10/2010 02:10							
Pre-Job Safety Meeting	07/10/2010 02:13							WITH ALL ON LOCATION PERSONNEL
Start Job	07/10/2010 02:23							JOB WAS PUMPED OFF LINE, HOLE DRILLED WITH AIR, NO FLUID IN WELLBORE AT TIME OF CEMENT, PIPE STATIC AT TIME OF CEMENT JOB., NO QUICK LATCH USED ON CEMENT HEAD
Pressure Test	07/10/2010 02:23							4000 PSI
Pump Spacer 1	07/10/2010 02:31		2	20			10.0	FRESH WATER
Pump Lead Cement	07/10/2010 02:46		6	50.8			160.0	120 SKS, 12.3 PPG, 2.37 FT3/SK, 13.76 GAL/SK

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	07/10/2010 02:52		6	30.7			175.0	120 SKS, 14.2 PPG, 1.43 FT3/SK, 6.88 GAL/SK
Shutdown	07/10/2010 02:57							
Drop Top Plug	07/10/2010 03:00							AWAY
Pump Displacement	07/10/2010 03:00		7	53			260.0	FRESH WATER
Slow Rate	07/10/2010 03:07		4	43			250.0	TO BUMP PLUG
Bump Plug	07/10/2010 03:09		4	53			300.0	PLUG BUMPED
Check Floats	07/10/2010 03:11						1100. 0	THE FLOATS ARE HOLDING
End Job	07/10/2010 03:12							
Pre-Rig Down Safety Meeting	07/10/2010 03:15							WITH ALL HES PERSONNEL
Rig-Down Completed	07/10/2010 04:00							RIG DOWN AND SET UP FOR NEXT JOB
Comment	07/10/2010 04:30							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW

# BILL BARRETT

## 9 5/8 SURFACE CASING



Local Event Log					
1	START JOB	02:23:26	2	PRESSURE TEST	02:23:53
3	PUMP H2O SPACER	02:31:50	4	PUMP LEAD CMT	02:43:36
5	PUMP TAIL CMT	02:52:59	6	SHUTDOWN	02:57:28
7	DROP TOP PLUG	03:00:09	8	PUMP DISPLACEMET	03:00:23
9	SLOW RATE	03:07:09	10	BUMP PLUG	03:09:26
11	CHECK FLOATS	03:11:10	12	END JOB	03:12:13

Customer: BILL BARRETT  
Well Description: 33B-6-791  
COMPANY REP: JODY SOUTH

Job Date: 10-Jul-2010  
JOB TYPE: SURFACE  
CEMENT SUPERVISOR: JAMES LEIST

Sales Order #: 7489119  
ADC USED NO  
ZS4 DENNIS HOEFER

OptiCem v6.3.4  
10-Jul-10 03:33