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**BILL BARRETT CORPORATION E-BILL**

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**MILLER FEDERAL 23C-6-791  
MAMM CREEK  
Garfield County , Colorado**

**Cement Surface Casing**  
11-Jul-2010

**Post Job Report**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 343492	<b>Ship To #:</b> 2794251	<b>Quote #:</b>	<b>Sales Order #:</b> 7489140
<b>Customer:</b> BILL BARRETT CORPORATION E-BILL		<b>Customer Rep:</b> South, Jodi	
<b>Well Name:</b> MILLER FEDERAL		<b>Well #:</b> 23C-6-791	<b>API/UWI #:</b> 05-045-18662
<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. 36.502 secs.		<b>Long:</b> W 107.595 deg. OR W -108 deg. 24 min. 18.05 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>Srvc 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 #
LEIST, JAMES R	2	362787	SALAZAR, PAUL Omar	2	445614	SLAUGHTER, JESSE Dean	2	454315
SMITH, DUSTIN Michael	2	418015						

**Equipment**

HES Unit #	Distance-1 way						
10783493	120 mile	10822007	120 mile	10823383	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
7-11-10	3	2						

**TOTAL** Total is the sum of each column separately

**Job**

**Job Times**

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
<b>Formation Depth (MD)</b>			<b>On Location</b>	11 - Jul - 2010	00:00	MST
<b>Form Type</b>		BHST	<b>Job Started</b>	11 - Jul - 2010	21:38	MST
<b>Job depth MD</b>	737. ft	<b>Job Depth TVD</b>	737. ft	<b>Job Completed</b>	11 - Jul - 2010	22:12
<b>Water Depth</b>		<b>Wk Ht Above Floor</b>	. ft	<b>Departed Loc</b>	11 - Jul - 2010	23:00
<b>Perforation Depth (MD)</b>	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
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>											

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 ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	WATER SPACER		10	bbl	.	.0	.0	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120	sacks	12.3	2.38	13.75		13.75
		13.75 Gal FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120	sacks	14.2	1.43	6.88		6.72
		6.715 Gal FRESH WATER							
4	DISPLACEMENT		53	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	53	Shut In: Instant		Lost Returns		Cement Slurry	90	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	27	Actual Displacement	53	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	6	Avg. Job	5.5		
Cement Left In Pipe	Amount	45.5 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					

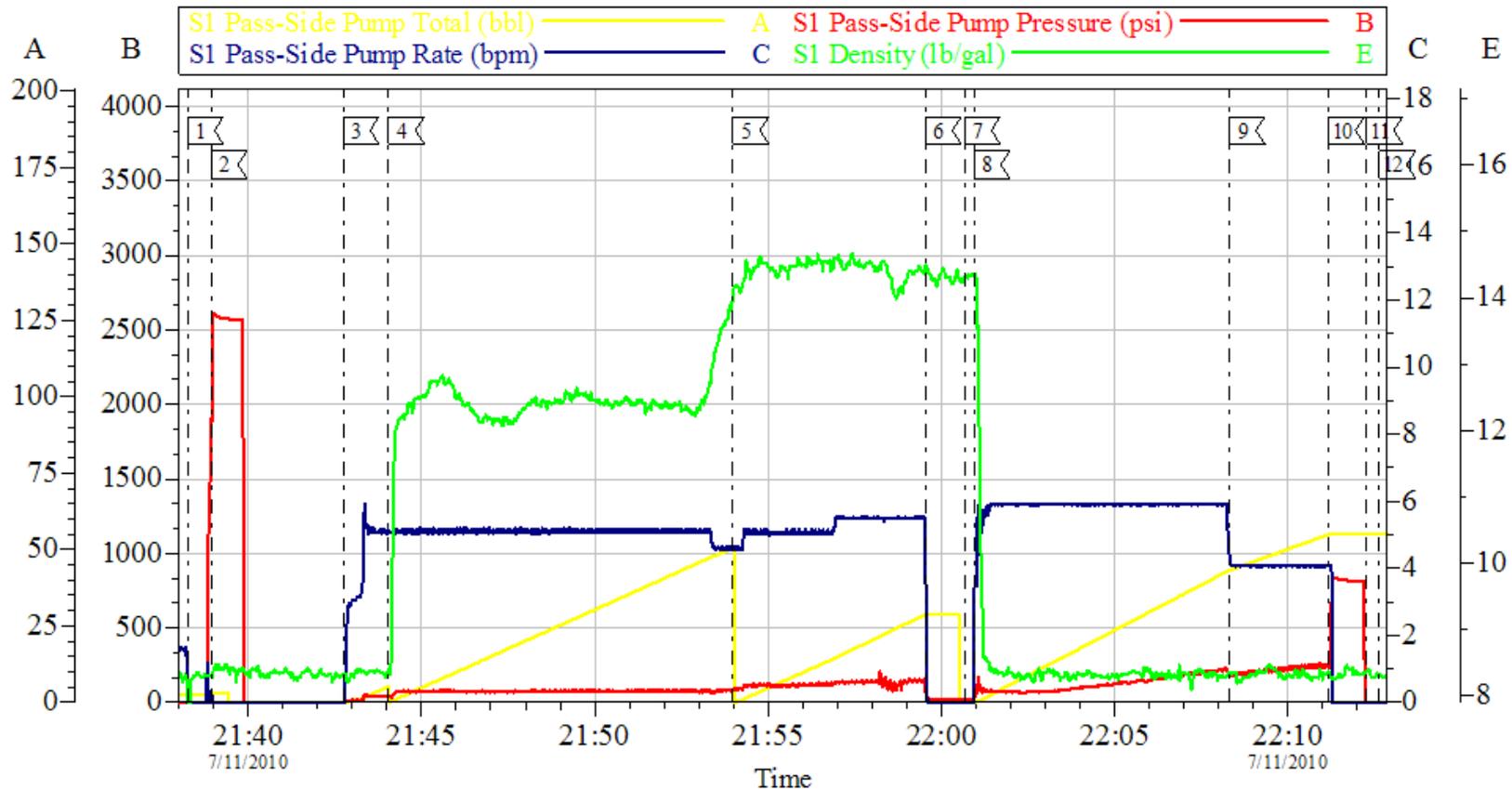
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<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> METLI, MARSHALL		<b>Srvc Supervisor:</b> LEIST, JAMES	<b>MBU ID Emp #:</b> 362787

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Assessment Of Location Safety Meeting	07/11/2010 21:09							WITH ALL HES PERSONNEL
Pre-Rig Up Safety Meeting	07/11/2010 21:15							WITH ALL HES PERSONNEL
Rig-Up Completed	07/11/2010 21:25							RIG UP WAS COMPLETED AT THE END OF LAST JOB, CREW STAYED ON LOCATION
Pre-Job Safety Meeting	07/11/2010 21:27							WITH ALL ON LOCATION PERSONNEL
Start Job	07/11/2010 21:38							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	07/11/2010 21:38							2600
Pump Spacer 1	07/11/2010 21:42		2	10			14.0	FRESH WATER
Pump Lead Cement	07/11/2010 21:44		6	50.8			76.0	120 SKS, 12.3 PPG, 2.37 FT3/SK, 13.76 GAL/SK
Pump Tail Cement	07/11/2010 21:53		6	30.7			122.0	120 SKS, 14.2 PPG, 1.43 FT3/SK, 6.88 GAL/SK
Shutdown	07/11/2010 21:59							
Drop Top Plug	07/11/2010 22:00							AWAY

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	07/11/2010 22:00		6	53.5			230.0	FRESH WATER, 27 BBLs CMT TO SURFACE
Slow Rate	07/11/2010 22:08		4	43			210.0	TO BUMP PLUG
Bump Plug	07/11/2010 22:11		4	53.5			250.0	PLUG BUMPED
Check Floats	07/11/2010 22:12						825.0	THE FLOATS ARE HOLDING
End Job	07/11/2010 22:12							
Pre-Rig Down Safety Meeting	07/11/2010 22:20							WITH ALL HES PERSONNEL
Rig-Down Completed	07/11/2010 22:45							RIG DOWN AND SET UP FOR NEXT JOB
Comment	07/11/2010 22:50							THANKYOU FOR USING HALLIBURTON CEMENT, JAMES LEIST AND CREW

## BILL BARRETT 9 5/8 SURFACE CASING



Local Event Log			
1 START JOB	21:38:15	2 PRESSURE TEST	21:38:56
3 PUMP H2O SPACER	21:42:44	4 PUMP LEAD CMT	21:44:03
5 PUMP TAIL CMT	21:53:59	6 SHUTDOWN	21:59:32
7 DROP TOP PLUG	22:00:40	8 PUMP DISPLACEMENT	22:00:57
9 SLOW RATE	22:08:18	10 BUMP PLUG	22:11:10
11 CHECK FLOATS	22:12:16	12 END JOB	22:12:39

Customer: BILL BARRETT	Job Date: 11-Jul-2010	Sales Order #: 7489140	<b>HALLIBURTON</b> OptiCem v6.3.4 11-Jul-10 22:17
Well Description: MILLER 23C-6-791	JOB TYPE: SURFACE	ADC USED YES	
COMPANY REP: JODY SOUTH	CEMENT SUPERVISOR: JAMES LEIST	ZS4 PAUL SALAZAR	