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**BILL BARRETT CORPORATION E-BILL**

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**MILLER 13A-31-691  
MAMM CREEK  
Garfield County , Colorado**

**Cement Surface Casing  
01-Aug-2010**

**Post Job Report**

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 343492	<b>Ship To #:</b> 2798740	<b>Quote #:</b>	<b>Sales Order #:</b> 7535396
<b>Customer:</b> BILL BARRETT CORPORATION E-BILL		<b>Customer Rep:</b> South, Jodi	
<b>Well Name:</b> MILLER		<b>Well #:</b> 13A-31-691	<b>API/UWI #:</b> 05-045-19520
<b>Field:</b> MAMM CREEK	<b>City (SAP):</b> SILT	<b>County/Parish:</b> Garfield	<b>State:</b> Colorado
<b>Lat:</b> N 39.481 deg. OR N 39 deg. 28 min. 52.5 secs.		<b>Long:</b> W 107.601 deg. OR W -108 deg. 23 min. 56.76 secs.	
<b>Contractor:</b> PROPETRO		<b>Rig/Platform Name/Num:</b> PRO PETRO	
<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> MILLER, KEVIN	<b>MBU ID Emp #:</b> 443040

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
LYNGSTAD, FREDRICK D	4	403742	MILLER, KEVIN Paul	4	443040	ROSS, CHARLES Raymond	4	453128
WYCKOFF, RYAN Scott	4	476117						

**Equipment**

HES Unit #	Distance-1 way						
10867094	120 mile	10872429	120 mile	10897925	120 mile	11259885	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
8/1/10	4	2						

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

**Job**

**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
<b>Form Type</b>			<b>BHST</b>	<b>On Location</b>			
<b>Job depth MD</b>	745. ft		<b>Job Depth TVD</b>	745. ft	<b>Job Started</b>	01 - Aug - 2010	04:29 MST
<b>Water Depth</b>			<b>Wk Ht Above Floor</b>	1. ft	<b>Job Completed</b>	01 - Aug - 2010	05:25 MST
<b>Perforation Depth (MD)</b>	<b>From</b>		<b>To</b>		<b>Departed Loc</b>		

**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

**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		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		

**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			
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)	51.0	sacks	12.3	2.38	13.75		
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	31.0	sacks	14.2	1.43	6.88		6.88
6.88 Gal		FRESH WATER							
4	DISPLACEMENT		52.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	52.8	Shut In: Instant		Lost Returns		Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	52.8	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	4	Displacement	6	Avg. Job	6		
Cement Left In Pipe	Amount	044.6 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*

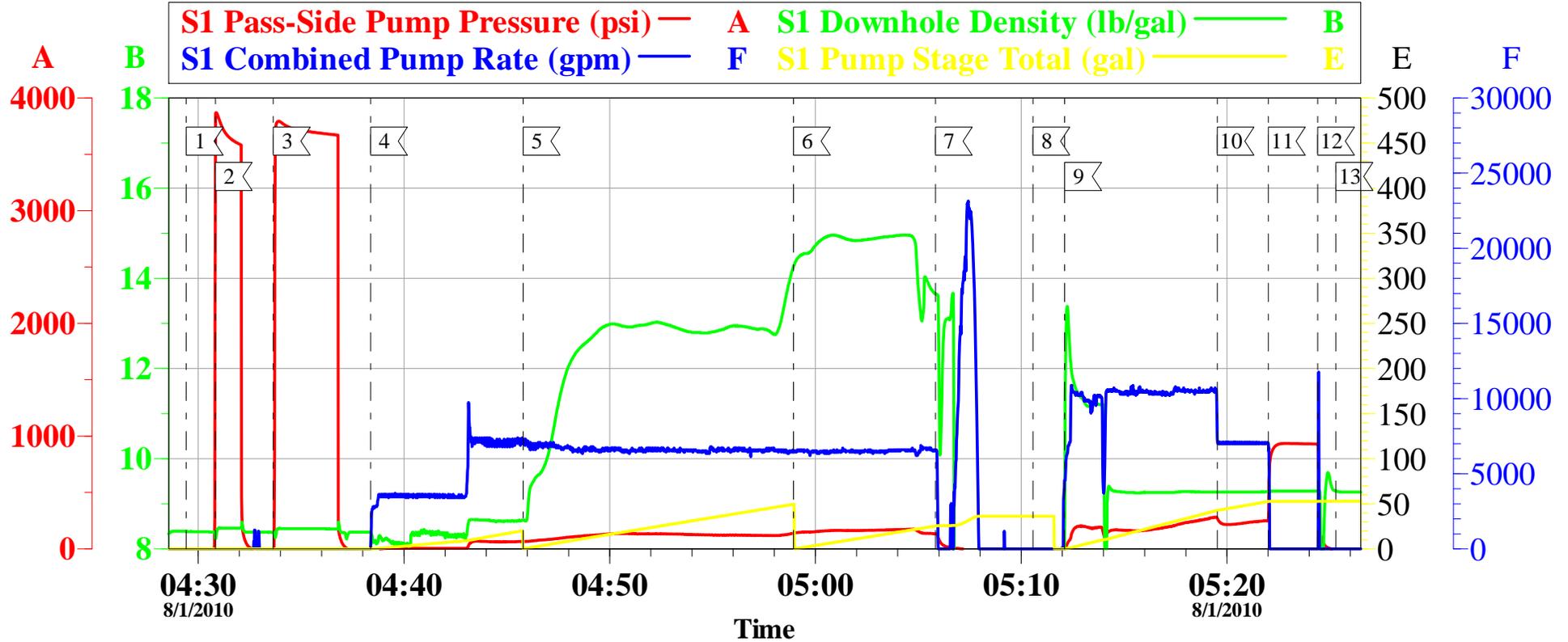
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<b>Job Purpose:</b> Cement Surface Casing			<b>Ticket Amount:</b>
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> METLI, MARSHALL		<b>Srvc Supervisor:</b> MILLER, KEVIN	<b>MBU ID Emp #:</b> 443040

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Assessment Of Location Safety Meeting	08/01/2010 04:00							ALL HES PERSONEL
Rig-Up Equipment	08/01/2010 04:05							
Rig-Up Completed	08/01/2010 04:15							
Pre-Job Safety Meeting	08/01/2010 04:20							ALL HES PERSONEL AND RIG CREW
Start Job	08/01/2010 04:29							TP- 727.65, TD- 745, SJ- 44.6, CSG- 9.625 36# J-55, OH- 12 3/8,
Pressure Test	08/01/2010 04:30							2ND PRESSURE TEST, ALL LINES HELD PRESSURE AT 3800 PSI AFTER TIGHTENING UNION
Pump Spacer 1	08/01/2010 04:38		4	20			79.0	FRESH WATER
Pump Lead Cement	08/01/2010 04:45		6	50.9			157.0	120 SKS, 12.3 PPG, 2.38 FT3/SK, 13.77 GAL/SK
Pump Tail Cement	08/01/2010 04:58		6	30.6			180.0	120 SKS, 14.2 PPG, 1.43 FT3/ SK, 6.85 GAL/SK
Shutdown	08/01/2010 05:05							
Drop Top Plug	08/01/2010 05:10							
Pump Displacement	08/01/2010 05:12		6	52.8			280.0	FRESH WATER, GOT RETURNS 22 BBLS INTO DISPLACEMENT, GOT 30 BBLS OF CEMENT TO SURFACE
Slow Rate	08/01/2010 05:19		4	42			250.0	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	08/01/2010 05:22		4	52.8			900.0	BUMPED AT 230 PSI AND WALKED IT UP TO 900 PSI
Check Floats	08/01/2010 05:24							FLOATS HELD, BUMPED PLUG AND SHUT THE WELL IN WITH 0 PSI ON IT
End Job	08/01/2010 05:25							
Post-Job Safety Meeting (Pre Rig-Down)	08/01/2010 05:30							ALL HES PERSONEL
Other	08/01/2010 06:30							ALL HES PERSONEL IS STAYING ON LOCATION TO DO NEXT SURFACE
Other	08/01/2010 06:31							THANK YOU FOR CHOOSING HALLIBURTON, KEVIN MILLER AND CREW

# PRO PETRO

## MILLER 13A-31-691 #, SURFACE



Local Event Log							
	Maximum		SPPP	Maximum	SPPP		
1	START JOB	04:29:26	3235	2	PRESSURE TEST	04:30:50	3870
3	PRESSURE TEST	04:33:39	3793	4	H2O SPACER	04:38:23	69.30
5	LEAD CEMENT	04:45:48	139.9	6	TAIL CEMENT	04:58:56	174.3
7	SHUTDOWN	05:05:50	134.3	8	DROP TOP PLUG	05:10:34	-4.279
9	PUMP DISPLACEMENT	05:12:07	282.3	10	SLOW RATE	05:19:32	280.3
11	BUMP PLUGS	05:22:01	936.3	12	CHECK FLOATS	05:24:25	929.3
13	END JOB	05:25:18	751.3				

Customer: PRO PETRO	Job Date: 01-Aug-2010	Sales Order #: 7535396
Well Description: MILLER 13A-31-691	Job type: SURFACE	ADC Used: YES
Customer Rep: JODI SOUTH	Service Supervisor: KEVIN MILLER	Operator/ Pump: ELITE 11