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# **BILL BARRETT CORPORATION E-BILL**

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**GGU MILLER FED 34C-32-691  
MAMM CREEK  
Garfield County , Colorado**

**Cement Surface Casing**  
**04-Oct-2010**

**Post Job Report**

## The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2810720	Quote #:	Sales Order #: 7676084
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: South, Jodi	
Well Name: GGU MILLER FED	Well #: 34C-32-691	API/UWI #: 05-045-19428	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.48 deg. OR N 39 deg. 28 min. 49.667 secs.		Long: W 107.579 deg. OR W -108 deg. 25 min. 16.273 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	Srvc Supervisor: FEUERBORN, JOHN	MBU ID Emp #: 381677	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BRUN, JUSTIN M	4	459269	FEUERBORN, JOHN William	4	381677	NELSON, RYAN Cody	4	386514

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10567589C	120 mile	10713212	120 mile	10741123	120 mile	10951246	120 mile
10995027	120 mile						

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10-4-10	4	1						

**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>			
<b>Form Type</b>	BHST		<b>Job Started</b>	04 - Oct - 2010	19:58	CST
<b>Job depth MD</b>	770. ft		<b>Job Completed</b>	04 - Oct - 2010	20:36	CST
<b>Water Depth</b>	Wk Ht Above Floor		<b>Departed Loc</b>			
<b>Perforation Depth (MD)</b>	<b>From</b>	<b>To</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
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### 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		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	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		20	bbl	.	.0	.0	.0		
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	120	sacks	12.3	2.38	13.77		13.77	
	13.77 Gal	FRESH WATER								
3	SwiftCem Tail Slurry	SWIFTCES (TM) SYSTEM (452990)	120	sacks	14.2	1.43	6.88		6.72	
	6.715 Gal	FRESH WATER								
4	Displacement		56.1	bbl	.	.0	.0	.0		
Calculated Values		Pressures		Volumes						
Displacement	56.1	Shut In: Instant		Lost Returns		Cement Slurry	81	Pad		
Top Of Cement	0	5 Min		Cement Returns	19	Actual Displacement	56.1	Treatment		
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job		
Rates										
Circulating		Mixing	5	Displacement	6	Avg. Job	5			
Cement Left In Pipe	Amount	0 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						

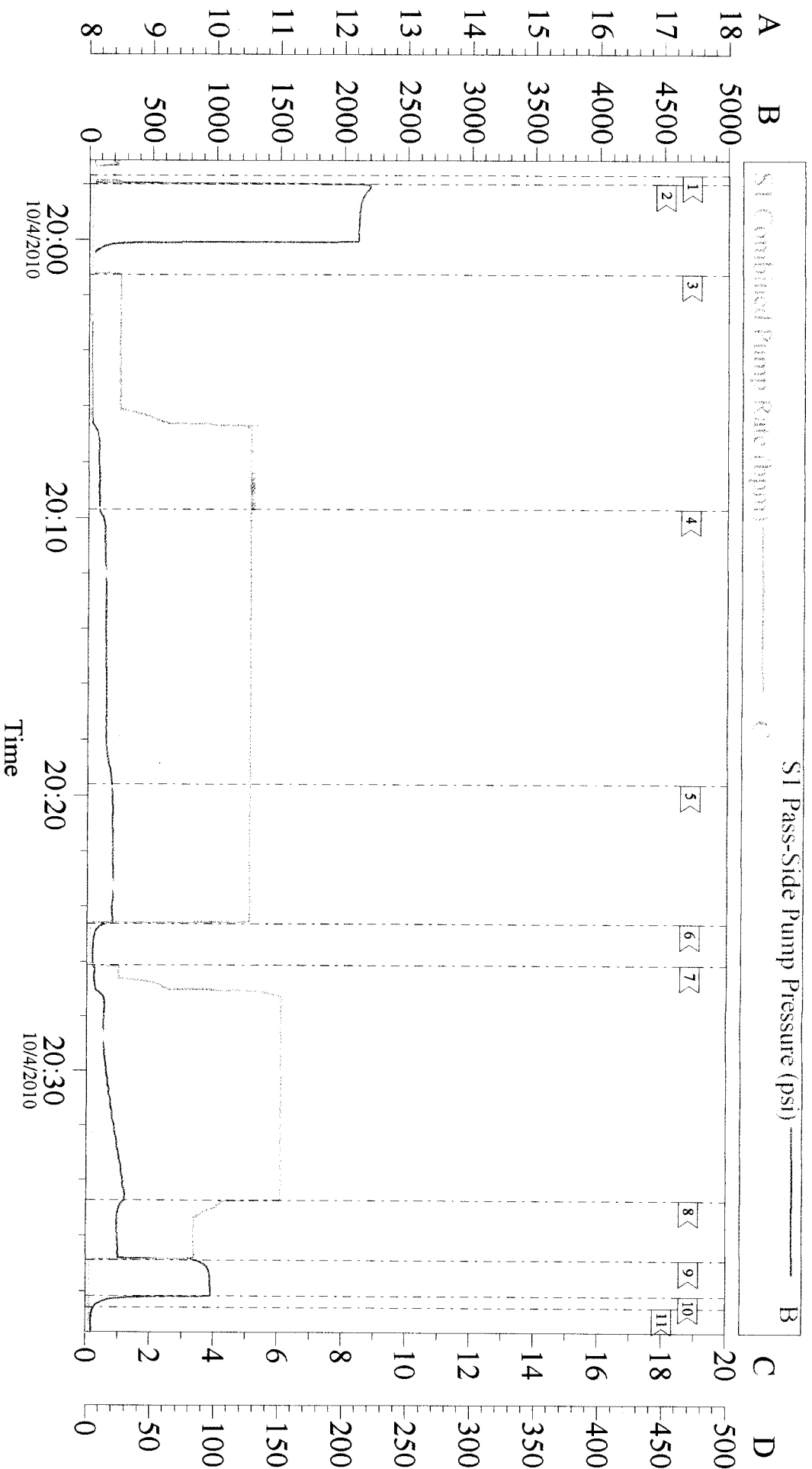
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<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> METLI, MARSHALL		<b>Srvc Supervisor:</b> FEUERBORN, JOHN	<b>MBU ID Emp #:</b> 381677

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Other	10/04/2010 19:30							RIG RELEASE WELL TO HES
Safety Meeting - Assessment of Location	10/04/2010 19:32							
Pre-Rig Up Safety Meeting	10/04/2010 19:35							
Rig-Up Equipment	10/04/2010 19:40							
Pre-Job Safety Meeting	10/04/2010 19:55							
Start Job	10/04/2010 19:57							OFF LINE CEMENT JOB
Test Lines	10/04/2010 19:58							2000psi ON TRUCK AND LINES
Pump Spacer 1	10/04/2010 20:01		5	20			51.0	H2O
Pump Lead Cement	10/04/2010 20:09		5	50.8			121.0	120skts PUMPED AT 12.3ppg 2.38y 13.75wr TOP OF CEMENT 0'
Pump Tail Cement	10/04/2010 20:19		5	30.5			172.0	120skts PUMPED AT 14.2ppg 1.43y 6.88wr
Drop Top Plug	10/04/2010 20:24							PLUG AWAY
Pump Displacement	10/04/2010 20:26		6				240.0	H2O
Other	10/04/2010 20:34		4	46			225.0	SLOW RATE
Bump Plug	10/04/2010 20:36		4	56.1			870.0	
Check Floats	10/04/2010 20:38							HOLDING
End Job	10/04/2010 20:39							GOOD RETURNS 19 BBLS TO SURFACE
Other	10/04/2010 20:40							PUMP STAYING ON LOCATION

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Crew Leave Location	10/04/2010 21:00							SEND EMPTY BULK BACK TO YARD

# BILL BARRETT SURFACE



## Local Event Log

1	START JOB	19:57:42	2	TEST LINES	19:58:01	3	PUMP SPACER	20:01:15
4	PUMP LEAD CEMENT	20:09:41	5	PUMP TAIL CEMENT	20:19:36	6	DROP PLUG	20:24:38
7	PUMP DISPLACEMENT	20:26:07	8	SLOW RATE	20:34:43	9	BUMP PLUG	20:36:53
10	CHECK FLOATS	20:38:10	11	END JOB	20:38:35			

Customer: BILL BARRETT  
Well Description: GGU MILLER FED 34C-32-691  
Company Rep: JODY SOUTH

Job Date: 04-Oct-2010  
Job Type: SURFACE  
Cement Supervisor: JOHN FEUEBRBORN

Sales Order #: 7676084  
ADC Used: YES  
Elite #: 3 JUSTIN BRUN