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# **BILL BARRETT CORPORATION E-BILL**

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**GGU DALEY 34C-19-691  
MAMM CREEK  
Garfield County , Colorado**

**Cement Surface Casing**  
**10-Mar-2011**

**Job Site Documents**

## The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2841341	Quote #:	Sales Order #: 8022435
Customer: BILL BARRETT CORPORATION E-BILL	Customer Rep: MCNAMEO, MARK		
Well Name: GGU DALEY	Well #: 34C-19-691	API/UWI #: 05-045-19586	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.507 deg. OR N 39 deg. 30 min. 23.663 secs.	Long: W 107.599 deg. OR W -108 deg. 24 min. 3.611 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: PHILLIPS, MARK	MBU ID Emp #: 445272	

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANKS, BRENT A	3	371353	COSTELDIA, BROCK James	3	476115	PHILLIPS, MARK Bejar	3	445272
WALPOLE, DARREN Livingston	3	485294						

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
03-10-2011	3	1						

TOTAL Total is the sum of each column separately

## Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	807. ft	807. ft				

## Job Times

Date	Time	Time Zone
10 - Mar - 2011	17:00	MST
10 - Mar - 2011	19:00	MST
10 - Mar - 2011	19:43	MST
10 - Mar - 2011	20:33	MST
10 - Mar - 2011	21:30	MST

## 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		

## 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				741	Retainer					SSR plug set			
Insert Float										Plug Container	9.625	1	HES
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	5.0	
2	VersaCem Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.75	5.0	13.75
3	SwiftCem Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	5.0	6.85
6.85 Gal		FRESH WATER							
4	DISPLACEMENT		58.00	bbl	.	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement	57.8	Shut In: Instant		Lost Returns	0	Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement	57.8	Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	160
Rates									
Circulating	0	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	44ft	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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Job Purpose: Cement Surface Casing	Ticket Amount:		
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: METLI, MARSHALL	Srv Supervisor: PHILLIPS, MARK	MBU ID Emp #: 445272	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	03/10/2011 17:00							
Pre-Convoy Safety Meeting	03/10/2011 17:30							ALL HES EMPLOYEES
Arrive At Loc	03/10/2011 19:00							RIG ON BOTTOM
Assessment Of Location Safety Meeting	03/10/2011 19:05							ALL HES EMPLOYEES
Rig-Up Equipment	03/10/2011 19:10							1 HT 400 PUMP TRUCK, 1 660 BULK TRUCK, 1 9.625" SCREW IN TYPE PLUG CONTAINER, 1 F 450 P/U.
Pre-Job Safety Meeting	03/10/2011 19:30							ALL HES EMPLOYEES, RIG CREW, CO REP.
Start Job	03/10/2011 19:43							TD 810', TP 792', HOLE 12.25", SJ 44', FC 749', 400 BBLs OF H2O ON LOCATION, WATER SAMPLE SUBMITTED. HOLES DRILLED WITH AIR, AIR RETURNS T/O. HOLE HAS NO FLUID IN IT.
Pump Water	03/10/2011 19:44		1	2			20.0	FILL LINES
Pressure Test	03/10/2011 19:46		0.5				3500.0	NO LEAKS
Pump Spacer 1	03/10/2011 19:50		5	20			90.0	FRESH WATER



Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	03/10/2011 19:54		5	50.8			160.0	120 SKS VERSACEM CMT MIXED AT 12.3 PPG, 2.38 YIELD, 13.75 GAL/SK, CMT WEIGHED VIA PRESSURE BALANCED MUD SCALES, WET AND DRY SAMPLES SUBMITTED. RETURNS NOTED AT 30 BBLS AWAY ON LEAD CMT.
Pump Tail Cement	03/10/2011 20:03		5	30.5			200.0	120 SKS VERSACEM CMT MIXED AT 14.2 PPG, 1.43 YIELD, 6.85 GAL/SK, CMT WEIGHED VIA PRESSURE BALANCED MUD SCALES. WET AND DRY SAMPLES SUBMITTED. GOOD RETURNS
Shutdown	03/10/2011 20:09							
Drop Plug	03/10/2011 20:11							PLUG LAUNCH
Pump Displacement	03/10/2011 20:11		5	57.8			240.0	FRESH WATER, GOOD RETURNS
Cement Returns to Surface	03/10/2011 20:25		5	32			240.0	25 BBLS OF CEMENT RETURNED TO SURFACE. RETURNS NOTED 30 BBLS INTO LEAD CMT.
Slow Rate	03/10/2011 20:26		2	47			220.0	10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	03/10/2011 20:30		2	57.8			1090.0	PLUG LANDED HOLD FOR TWO MINUTES
Check Floats	03/10/2011 20:32							FLOATS HOLDING.
End Job	03/10/2011 20:33							THANK YOU FOR USING HES FROM MARK PHILLIPS AND CREW. BULK EQUIPMENT BLOWN DOWN ON LOCATION.

*Cementing Job Log*

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Post-Job Safety Meeting (Pre Rig-Down)	03/10/2011 20:40							ALL HES EMPLOYEES
Rig-Down Equipment	03/10/2011 21:00							SAFELY
Pre-Convoy Safety Meeting	03/10/2011 21:15							ALL HES EMPLOYEES
Crew Leave Location	03/10/2011 21:30							SITE WAS AS CLEAN AS WHEN WE ARRIVED

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SUMMIT Version: 7.20.130

Thursday, March 10, 2011 09:22:00