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# BILL BARRETT CORPORATION E-BILL

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GGU DALEY 34D-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 #: 2841342	Quote #:	Sales Order #: 8022227
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: MCNAMEO, MARK	
Well Name: GGU DALEY	Well #: 34D-19-691	API/UWI #: 05-045-19577	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.507 deg. OR N 39 deg. 30 min. 23.821 secs.		Long: W 107.599 deg. OR W -108 deg. 24 min. 3.604 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: 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	4	371353	COSTELDIA, BROCK James	4	476115	PHILLIPS, MARK Bejar	4	445272
WALPOLE, DARREN Livingston	4	485294						

**Equipment**

HES Unit #	Distance-1 way						
10713212	120 mile	10744648C	120 mile	10897849	120 mile	10951250	120 mile
10998508	120 mile						

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
03-10-2011	4	1						
<b>TOTAL</b>			Total is the sum of each column separately					

Job				Job Times			
Formation Name	Formation Depth (MD) (Top)	Bottom		Date	Time	Time Zone	
				Called Out	09 - Mar - 2011	21:30	MST
Form Type		BHST		On Location	09 - Mar - 2011	23:00	MST
Job depth MD	810. ft	Job Depth TVD	810. ft	Job Started	10 - Mar - 2011	02:13	MST
Water Depth		Wk Ht Above Floor	3. ft	Job Completed	10 - Mar - 2011	03:01	MST
Perforation Depth (MD) (From)		To		Departed Loc	10 - Mar - 2011	06:00	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
OPEN HOLE				12.25					810.		
SURFACE CASING	New		9.625	8.921	36.		J-55		793.		

**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	bbbl	.	.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			bbbl	.	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement	57.8	Shut In: Instant		Lost Returns		Cement Slurry	81.3	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	20	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	44 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>Legal Description:</b>			
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Job Purpose: Cement Surface Casing			Ticket Amount:
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL		Srvc 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	03/09/2011 21:30							
Pre-Convoy Safety Meeting	03/09/2011 22:00							ALL HES EMPLOYEES
Arrive At Loc	03/09/2011 23:15							RIG STILL RUNNING CASING
Assessment Of Location Safety Meeting	03/09/2011 23:20							ALL HES EMPLOYEES
Rig-Up Equipment	03/09/2011 23:30							1 HT 400 PUMP TRUCK, 1 660 BULK TRUCK, 1 9.625" QUICK LATCH PLUG CONTAINER, 1 F 450 P/U.
Pre-Job Safety Meeting	03/10/2011 01:45							ALL HES EMPLOYEES, RIG CREW, CO REP.
Start Job	03/10/2011 02:13							TD 810', TP 793', 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 02:14		2	2			30.0	FILL LINES
Pressure Test	03/10/2011 02:16		0.5				2000.0	NO LEAKS
Pump Spacer 1	03/10/2011 02:19		5	20			50.0	FRESH WATER

*Cementing Job Log*

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Lead Cement	03/10/2011 02:25		5	49			125.0	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.
Pump Tail Cement	03/10/2011 02:34		5	30.5			130.0	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.
Shutdown	03/10/2011 02:42							
Drop Plug	03/10/2011 02:43							PLUG LAUNCH
Pump Displacement	03/10/2011 02:44		5	57.8			200.0	FRESH WATER
Cement Returns to Surface	03/10/2011 02:52		5	37			200.0	20 BBLS OF CEMENT RETURNED TO SURFACE. RETURNS NOTED 4 BBLS INTO DISPLACEMENT. NO RETURNS BEFORE THAT DUE TO HOLE WAS EMPTY BEFORE HES STARTED PUMPING JOB.
Slow Rate	03/10/2011 02:54		2	47			240.0	10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	03/10/2011 02:58		2	57.8			900.0	PLUG LANDED HOLD FOR TWO MINUTES
Check Floats	03/10/2011 03:00							FLOATS HOLDING.

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Sales Order # : 8022227

SUMMIT Version: 7.20.130

Thursdav. March 10. 2011 03:29:00

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	03/10/2011 03:01							THANK YOU FOR USING HES FROM MARK PHILLIPS AND CREW. BULK EQUIPMENT BLOWN DOWN ON LOCATION.
Post-Job Safety Meeting (Pre Rig-Down)	03/10/2011 03:10							ALL HES EMPLOYEES
Rig-Down Equipment	03/10/2011 04:00							SAFELY
Pre-Convoy Safety Meeting	03/10/2011 04:30							ALL HES EMPLOYEES
Crew Leave Location	03/10/2011 04:45							SITE WAS AS CLEAN AS WHEN WE ARRIVED