
BILL BARRETT CORPORATION E-BILL

**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	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	4	371353	COSTELDIA, BROCK James	4	476115	PHILLIPS, MARK Bejar	4	445272
WALPOLE, DARREN Livingston	4	485294						

Equipment

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

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name				Date	Time	Time Zone	
Formation Depth (MD) (Top)		Bottom		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 ³ /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	SWIFTCM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	5.0	6.85
6.85 Gal		FRESH WATER							
4	DISPLACEMENT			bbl	.	.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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Legal Description:			
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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.

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