
BILL BARRETT CORPORATION E-BILL

**GGU DALEY 21D-30-691
MAMM CREEK
Garfield County , Colorado**

Cement Surface Casing
14-Mar-2011

Job Site Documents

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2841261	Quote #:	Sales Order #: 8021889
Customer: BILL BARRETT CORPORATION E-BILL	Customer Rep: MCNAMEO, MARK		
Well Name: GGU DALEY	Well #: 21D-30-691	API/UWI #: 05-045-19578	
Field: MAMM CREEK	City (SAP): SILT	County/Parish: Garfield	State: Colorado
Lat: N 39.506 deg. OR N 39 deg. 30 min. 23.029 secs.	Long: W 107.599 deg. OR W -108 deg. 24 min. 3.506 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 #
DOUT, JACOB J	4	430298	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
10744648C	120 mile	10867094	120 mile	10897925	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
03-14-2011	4	1						

TOTAL	Total is the sum of each column separately							
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Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	14 - Mar - 2011	05:00	MST
Job depth MD	810. ft		Job Depth TVD	Job Started	14 - Mar - 2011	08:41	MST
Water Depth			Wk Ht Above Floor	Job Completed	14 - Mar - 2011	09:30	MST
Perforation Depth (MD)	From		To	Departed Loc	14 - Mar - 2011	10:30	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/3rd 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				748	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	8.33	.0	.0	5.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.75	5.0	13.75
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.85	5.0	6.85
		6.85 Gal							
4	DISPLACEMENT	FRESH WATER	61.00	bbl	8.33	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement	58	Shut In: Instant		Lost Returns		Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	25	Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers	20	Load and Breakdown		Total Job	161
Rates									
Circulating	AIR	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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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	03/14/2011 00:00							
Pre-Convoy Safety Meeting	03/14/2011 00:15							ALL HES EMPLOYEES
Arrive At Loc	03/14/2011 03:30							RIG PULLING DRILL PIPE
Assessment Of Location Safety Meeting	03/14/2011 03:45							ALL HES EMPLOYEES
Rig-Up Equipment	03/14/2011 04:00							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	03/14/2011 08:00							ALL HES EMPLOYEES, RIG CREW, CO REP.
Start Job	03/14/2011 08:41							TD 810', TP 792', HOLE 12.25", SJ 44', FC 748', 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	03/14/2011 08:42		1	1			10.0	FILL LINES
Pressure Test	03/14/2011 08:44		0.5				4000. 0	NO LEAKS
Pump Spacer 1	03/14/2011 08:47		5	20			75.0	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	03/14/2011 08:52		5	51			90.0	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. NO RETURNS.
Pump Tail Cement	03/14/2011 09:01		5	31			140.0	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. NO RETURNS
Shutdown	03/14/2011 09:07							
Drop Plug	03/14/2011 09:09							PLUG LAUNCH
Pump Displacement	03/14/2011 09:09		5	58			220.0	FRESH WATER, GOOD RETURNS 10 BBLS AWAY ON DISPLACEMENT.
Cement Returns to Surface	03/14/2011 09:16		5	33			220.0	25 BBLS OF CEMENT RETURNED TO SURFACE. RETURNS NOTED 30 BBLS INTO LEAD CMT.
Slow Rate	03/14/2011 09:19		2	48			250.0	10 BBLS PRIOR TO CALCULATED DISPLACEMENT
Bump Plug	03/14/2011 09:23		2	58			950.0	PLUG LANDED HOLD FOR TWO MINUTES
Check Floats	03/14/2011 09:26							FLOATS NOT HOLDING HES TO PLACE 450 PSI ON CASING AND SHUT IN 2" VALVE. HES TO MONITOR PRESSURE.

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	03/14/2011 09:30							THANK YOU FOR USING HES FROM MARK PHILLIPS AND CREW. BULK EQUIPMENT BLOWN DOWN ON LOCATION.
Post-Job Safety Meeting (Pre Rig-Down)	03/14/2011 09:45							ALL HES EMPLOYEES
Rig-Down Equipment	03/14/2011 10:00							SAFELY
Pre-Convoy Safety Meeting	03/14/2011 10:45							ALL HES EMPLOYEES
Crew Leave Location	03/14/2011 11:00							SITE WAS AS CLEAN AS WHEN WE ARRIVED