
BILL BARRETT CORPORATION E-BILL

**MILLER 14A-31-691
MAMM CREEK
Garfield County , Colorado**

**Cement Surface Casing
30-Jul-2010**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 2798113		Quote #:		Sales Order #: 7534502	
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep: South, Jodi			
Well Name: MILLER			Well #: 14A-31-691			API/UWI #: 05-045-19513	
Field: MAMM CREEK		City (SAP): SILT		County/Parish: Garfield			State: Colorado
Lat: N 39.481 deg. OR N 39 deg. 28 min. 52.45 secs.				Long: W 107.601 deg. OR W -108 deg. 23 min. 56.425 secs.			
Contractor: PROPETRO			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: MILLER, KEVIN			MBU ID Emp #: 443040	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MAYO, MARK Eaton	5	314204	MILLER, KEVIN Paul	5	443040	ROSS, CHARLES Raymond	5	453128
STEELE, BENJAMIN F	5	458599	WYCKOFF, RYAN Scott	5	476117			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10784064	120 mile	10872429	120 mile	11006314	120 mile	11259885	120 mile
11360883	120 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
7/30/10	5	2						

TOTAL Total is the sum of each column separately

Job

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	30 - Jul - 2010	11:30	MST
Form Type		BHST	Job Started	30 - Jul - 2010	14:45	MST
Job depth MD	727.1 ft	Job Depth TVD	Job Started	30 - Jul - 2010	07:30	MST
Water Depth		Wk Ht Above Floor	Job Completed	30 - Jul - 2010	08:45	MST
Perforation Depth (MD)	From	To	Departed Loc			

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		
R/A DENSOMETER W/CHART RECORDER,/JOB,ZI	1	JOB		
PORT. DATA ACQUIS. W/OPTICEM RT W/HES	1	EA		
ADC (AUTO DENSITY CTRL) SYS, /JOB,ZI	1	JOB		

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					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	.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.75		
3	Tail Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.8	2.11	11.75		
4	DISPLACEMENT		53.00	bbl	.	.0	.0	.0	
Calculated Values		Pressures		Volumes					
Displacement	52.8	Shut In: Instant		Lost Returns		Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	23	Actual Displacement	52.8	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	6	Displacement	6	Avg. Job			6
Cement Left In Pipe	Amount	43.7 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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Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
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Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pre-Convoy Safety Meeting	07/30/2010 13:00							ALL HES PERSONEL
Crew Leave Yard	07/30/2010 13:10							
Arrive At Loc	07/30/2010 14:45							
Assessment Of Location Safety Meeting	07/30/2010 15:00							ALL HES PERSONEL
Rig-Up Equipment	07/30/2010 15:30							
Rig-Up Completed	07/30/2010 16:00							
Pre-Job Safety Meeting	07/30/2010 19:20							ALL HES PERSONEL AND RIG CREW
Start Job	07/30/2010 19:30							TP- 727.1 TD- 745 SJ- 43.7 CSG- 9.625 36# J- 55, OH- 12 3/8, DUE TO AN ELECTRONIC ERROR THERE WAS NO CHART RECORDED FOR THIS JOB.
Pressure Test	07/30/2010 19:31							ALL LINES HELD PRESSURE @ 4000 psi
Pump Spacer 1	07/30/2010 19:33		6	20			100.0	FRESH WATER
Pump Lead Cement	07/30/2010 19:39		6	50.8			110.0	120 SKS, 12.3 PPG, 2.38 FT3/SK, 13.75 GAL/SK
Pump Tail Cement	07/30/2010 19:47		6	30.6			110.0	120 SKS, 14.2 PPG, 1.43 FT3/ SK, 6.88 GAL/SK
Shutdown	07/30/2010 19:53							
Drop Top Plug	07/30/2010 19:59							

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	07/30/2010 20:01		6	52.8			230.0	FRESH WATER, GOT RETURNS 8 BBLS INTO DISPLACEMENT, GOT 23 BBLS OF CEMENT TO SURFACE
Slow Rate	07/30/2010 20:15		2	42			150.0	
Bump Plug	07/30/2010 20:18		2	52.8			800.0	
Check Floats	07/30/2010 20:21							FLOATS HELD, BUMPED PLUG AGAIN AND SHUT THE WELL IN WITH 800 PSI ON IT
End Job	07/30/2010 20:25							
Post-Job Safety Meeting (Pre Rig-Down)	07/30/2010 20:35							ALL HES PERSONEL
Other	07/30/2010 20:36							ALL HES PERSONEL IS STAYING ON LOCATION TO DO NEXT SURFACE
Other	07/30/2010 20:37							THANK YOU FOR CHOOSING HALLIBURTON, KEVIN MILLER AND CREW