

BILL BARRETT CORPORATION E-BILL  
DO NOT MAIL-1099 18TH ST,STE 2300W  
DENVER, Colorado

MILLER FEDERAL  
MILLER FEDERAL 24D-31-691

**BARRETT/PETRO PLUS**

## **Post Job Summary**

### **Cement Surface Casing**

Prepared for:  
Date Prepared:  
Version: 1

Service Supervisor: SMITH, DUSTIN

Submitted by:

**HALLIBURTON**

## The Road to Excellence Starts with Safety

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2794723	Quote #:	Sales Order #: 7495403
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: South, Jodi	
Well Name: MILLER FEDERAL		Well #: 24D-31-691	API/UWI #: 05-045-18660
Field: MAMM CREEK	City (SAP): UNKNOWN	County/Parish: Garfield	State: Colorado
Lat: N 39.409 deg. OR N 39 deg. 24 min. 32.792 secs.		Long: W 107.712 deg. OR W -108 deg. 17 min. 16.062 secs.	
Contractor: BARRETT		Rig/Platform Name/Num: PETRO PLUS	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: METLI, MARSHALL	Srv Supervisor: SMITH, DUSTIN		MBU ID Emp #: 418015

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
LEIST, JAMES R	3	362787	SALAZAR, PAUL Omar	3	445614	SLAUGHTER, JESSE Dean	3	454315
SMITH, DUSTIN Michael	3	418015						

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10297346	120 mile	10823383	120 mile	11071559	120 mile	11259882	120 mile

## Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
07/13/2010	3	3						

TOTAL Total is the sum of each column separately

## Job

Formation Name	Job				Job Times			
Formation Depth (MD)	Top		Bottom		Called Out			
Form Type		BHST			On Location			
Job depth MD	790	Job Depth TVD	767.9. ft		Job Started	13 - Jul - 2010	19:11	MST
Water Depth		Wk Ht Above Floor	0. ft		Job Completed	13 - Jul - 2010	19:51	MST
Perforation Depth (MD)	From		To		Departed Loc	13 - Jul - 2010	21:10	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	1	9 5/8	
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	1	9 5/8	
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

## Stage/Plug #: 1

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		10.00	bbl	.	.0	.0	5.0	
2	Lead Cement	VERSACEM (TM) SYSTEM (452010)	120.0	sacks	12.3	2.38	13.75	5.0	13.75
	13.75 Gal	FRESH WATER							
3	Tail Cement	SWIFTCES (TM) SYSTEM (452990)	120.0	sacks	14.2	1.43	6.88	5.0	6.72
	6.715 Gal	FRESH WATER							
4	DISPLACEMENT		56.00	bbl	.	.0	.0	6.0	
Calculated Values		Pressures		Volumes					
Displacement	55.9	Shut In: Instant		Lost Returns	0	Cement Slurry	81	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	30	Actual Displacement	55.9	Treatment	
Frac Gradient		15 Min		Spacers	10	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing	5	Displacement	6	Avg. Job			6
Cement Left In Pipe	Amount	44.68 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					

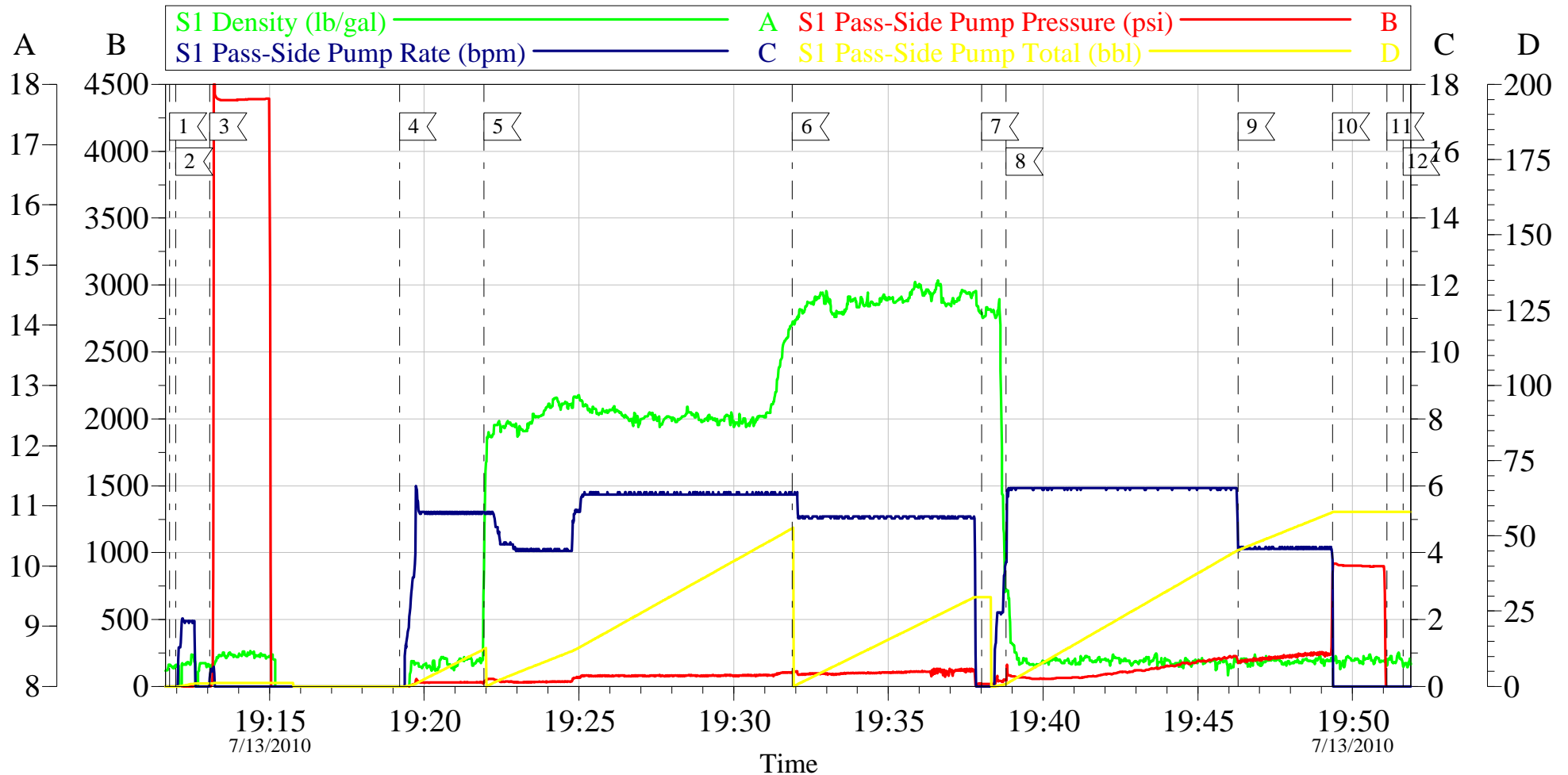
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Legal Description:							
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Contractor: BARRETT			Rig/Platform Name/Num: PETRO PLUS				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: METLI, MARSHALL			Srvc Supervisor: SMITH, DUSTIN			MBU ID Emp #: 418015	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Assessment Of Location Safety Meeting	07/13/2010 18:30							ALL HES EMPLOYEES
Pre-Rig Up Safety Meeting	07/13/2010 18:35							ALL HES EMPLOYEES
Rig-Up Equipment	07/13/2010 18:45							RIG UP COMPLETED AT END OF LAST JOB CREW STAYED ON LOCATION
Pre-Job Safety Meeting	07/13/2010 19:00							ALL HES EMPLOYEES AND RIG CREW
Rig-Up Completed	07/13/2010 19:10							TD: 790 TP: 767.9 SJ: 44.68 12 3/8 OH 9 5/8 36# CSG
Start Job	07/13/2010 19:11							JOB PUMPED OFFLINE, HOLE DRILLED WITH AIR, NO FLUID IN WELLBORE AT TIME OF CEMENT PIPE STATIC AT TIME OF CEMENT JOB NO QUICK LATCH USED ON CEMENT HEAD
Test Lines	07/13/2010 19:13					4200.0		PRESSURE TEST OK
Pump Spacer	07/13/2010 19:19		6	10	10		30.0	FRESH WATER
Pump Lead Cement	07/13/2010 19:21		6	50.9	50.9		107.0	120 SKS 12.3 PPG 2.38 YIELD 13.77 GAL/SK
Pump Tail Cement	07/13/2010 19:31		6	30.6	30.6		107.0	120 SKS 14.2 PPG 1.43 YIELD 6.85 GAL/SK
Shutdown	07/13/2010 19:38							
Drop Plug	07/13/2010 19:38							PLUG AWAY NO PROBLEMS
Pump Displacement	07/13/2010 19:38		6	55.9	55.9		200.0	FRESH WATER

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Slow Rate	07/13/2010 19:46		4	45.9	45.9		300.0	
Bump Plug	07/13/2010 19:49		4	55.9	55.9		900.0	
Check Floats	07/13/2010 19:51							FLOATS HELD 1/2 BBL BACK INTO DISPLACEMENT TANK
End Job	07/13/2010 19:51							30 BBLS CEMENT TO SURFACE
Pre-Rig Down Safety Meeting	07/13/2010 20:00							ALL HES EMPLOYEES
Rig-Down Completed	07/13/2010 20:30							RIG DOWN AND GET READY FOR NEXT JOB
Pre-Convoy Safety Meeting	07/13/2010 21:00							ALL HES EMPLOYEES
Crew Leave Location	07/13/2010 21:10							THANK YOU FOR USING HALLIBURTON DUSTIN SMITH AND CREW

# BILL BARRETT 9 5/8 SURFACE



Customer: BILL BARRETT  
Well Description: MILLER FEDERAL 24D-31-691  
Company Rep: JODI SOUTH

Job Date: 13-Jul-2010  
JOB TYPE: 9 5/8 SURFACE  
Cement Supervisor: DUSTIN SMITH

Sales Order #: 7495403  
ADC USED: YES  
ZS4: JESSE SLAUGHTER

OptiCem v6.4.8  
13-Jul-10 20:09