

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

East Platte 1-01H

**MAJORS 29**

## **Post Job Summary**

# **Cement Surface Casing**

Prepared for:  
Date Prepared: 7/17/2013  
Version: 1

Service Supervisor: BARRAS, JOSEPH

Submitted by: FINNEY, SEAN

**HALLIBURTON**

# HALLIBURTON

## Wellbore Geometry

Job Tubulars					MD	
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft
Open Hole Section	13 1/2" Open Hole		13.500		0.00	830.00
Casing	9 5/8" Surface Casing	9.63	8.921	36.00	0.00	820.00

# HALLIBURTON

## Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	FRESH WATER	8.33	3.00	20.0 bbl	20.0 bbl
1	2	Cement Slurry	SwiftCem B1	13.00	5.00	220.0 sacks	220.0 sacks
1	3	Spacer	DISPLACEMENT	8.33	5.00		

## Fluids Pumped

**Stage/Plug # 1 Fluid 1:** FRESH WATER  
DUMMY MUD / FLUSH / SPACER SBC MATERIAL

Fluid Density: 8.33 lbm/gal  
Fluid Volume: 20.00 bbl  
Pump Rate: 5.00 bbl/min

**Stage/Plug # 1 Fluid 2:** SwiftCem B1  
SWIFTCEM (TM) SYSTEM

Fluid Weight: 13.00 lbm/gal  
Slurry Yield: 1.94 ft<sup>3</sup>/sack  
Total Mixing Fluid: 10.65 Gal  
Surface Volume: 220.0 sacks  
Sacks: 220.0 sacks  
Calculated Fill: 900.00 ft  
Calculated Top of Fluid: 500.00 ft  
Pump Rate: 5.00 bbl/min

**Stage/Plug # 1 Fluid 3:** DISPLACEMENT  
DUMMY MUD / FLUSH / SPACER SBC MATERIAL

Fluid Density: 8.33 lbm/gal  
Pump Rate: 5.00 bbl/min

# HALLIBURTON

## Service Supervisor Reports

### Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
07/02/2013 19:49		Start Job					
07/02/2013 19:52		Test Lines					TEST LINES TO 1789 PSI WITH NO VISIBLE LEAKS
07/02/2013 19:54		Pump Spacer 1	3	20		49.0	RIG WATER WITH RED DIE IN FIRST 5 BBL
07/02/2013 20:02		Pump Cement	5	76		59.0	MIXED WITH RIG WATER @ 13 PPG OR 220 SKS OF SWIFTCEM/ORDERD 285 SKS OR 98.9 BBL CUT SHORT GOT RED DIE BACK EARLY.
07/02/2013 20:23		Shutdown					
07/02/2013 20:25		Drop Top Plug					PRE LOADED AND WITNESSED BY COMPANYMAN
07/02/2013 20:25		Pump Displacement	5			225.0	RIG WATER
07/02/2013 20:42		Bump Plug	3			704.0	PLUG LANDED @ 225 PSI
07/02/2013 20:54		Check Floats					HELD FOR 10 MIN FLOATS HELD WITH ONE BBL BACK
07/02/2013 20:54		End Job					

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 343492	<b>Ship To #:</b> 3007933	<b>Quote #:</b>	<b>Sales Order #:</b> 900565041
<b>Customer:</b> BILL BARRETT CORPORATION E-BILL		<b>Customer Rep:</b> Thomas, Cory	
<b>Well Name:</b> East Platte		<b>Well #:</b> 1-01H	<b>API/UWI #:</b> 05-123-33925
<b>Field:</b>	<b>City (SAP):</b> WIGGINS	<b>County/Parish:</b> Weld	<b>State:</b> Colorado
<b>Lat:</b> N 40.349 deg. OR N 40 deg. 20 min. 57.57 secs.		<b>Long:</b> W 104.169 deg. OR W -105 deg. 49 min. 52.46 secs.	
<b>Contractor:</b> MAJORS		<b>Rig/Platform Name/Num:</b> MAJORS 29	
<b>Job Purpose:</b> Cement Surface Casing			
<b>Well Type:</b> Development Well		<b>Job Type:</b> Cement Surface Casing	
<b>Sales Person:</b> FLING, MATTHEW		<b>Srvc Supervisor:</b> BARRAS, JOSEPH	<b>MBU ID Emp #:</b> 405168

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARRAS, JOSEPH Corey	0.0	405168	HALE, ROBERT E	0.0	470588	ROMERO, JOSEPH M	0.0	512137
sprague, billy	0.0	545932						

**Equipment**

HES Unit #	Distance-1 way						
10867419C	72 mile	11526488	72 mile	11542778	72 mile		

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
<b>TOTAL</b>								

*Total is the sum of each column separately*

**Job**

**Job Times**

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					02 - Jul - 2013	14:00	MST
<b>Form Type</b>			<b>BHST</b>	<b>On Location</b>	02 - Jul - 2013	18:30	MST
<b>Job depth MD</b>	806. ft		<b>Job Depth TVD</b>	806. ft	<b>Job Started</b>	02 - Jul - 2013	19:49
<b>Water Depth</b>			<b>Wk Ht Above Floor</b>	4. ft	<b>Job Completed</b>	02 - Jul - 2013	20:54
<b>Perforation Depth (MD)</b>	<i>From</i>		<i>To</i>		<b>Departed Loc</b>	02 - Jul - 2013	22:00

**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
13 1/2" Open Hole				13.5				.	830.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	820.		

**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
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1	FRESH WATER		20.00	bbl	8.33	.0	.0	3.0	
2	SwiftCem B1	SWIFTCEM (TM) SYSTEM (452990)	220.0	sacks	13.	1.94	10.65	5.0	10.65
	10.65 Gal	FRESH WATER							
3	DISPLACEMENT			bbl	8.33	.0	.0	5.0	
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	0 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					

