

**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***

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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 SWIFCEM/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

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

## Job

## Job Times

Formation Name								
Formation Depth (MD)	Top		Bottom		Called Out	Date	Time	Time Zone
Form Type			BHST		On Location	02 - Jul - 2013	18:30	MST
Job depth MD	806. ft		Job Depth TVD	806. ft	Job Started	02 - Jul - 2013	19:49	MST
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	02 - Jul - 2013	20:54	MST
Perforation Depth (MD)	From		To		Departed Loc	02 - Jul - 2013	22:00	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
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 ft3/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	SWIFTCM (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	
<b>Calculated Values</b>		<b>Pressures</b>		<b>Volumes</b>					
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	
<b>Rates</b>									
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					

