

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

Siebring 5-63-32-17H

**H&P/278**

## **Post Job Summary**

# **Cement Surface Casing**

Date Prepared: 6/4/2012  
Version: 1

Service Supervisor: PICKELL, CHRISTOPHER

Submitted by: KENNEDY, HERRON

**HALLIBURTON**

# HALLIBURTON

## Wellbore Geometry

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Job Tubulars					MD		Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	
Casing	9 5/8" Surface Casing	9.63	8.921	36.00	0.00	1,537.00	42.00
Open Hole Section	13 1/2" Open Hole		13.500		0.00	1,550.00	

# 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	Water Spacer	8.34	0.00	20.0 bbl	20.0 bbl
1	2	Cement Slurry	Surface Varicem 12#	12.00		405.0 sacks	405.0 sacks
1	3	Cement Slurry	Surface Varicem 13#	13.00		315.0 sacks	315.0 sacks

## Service Supervisor Reports

### Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
05/30/2012 13:48		Start Job					
05/30/2012 13:50		Test Lines	1			3000.0	PRESSURE TEST LINES TO 3000 PSI. CHECK FOR VISIBLE LEAKS AND PRESSURE LOSS
05/30/2012 13:53		Pump Spacer 1	5	20		300.0	PUMP WATER SPACER WITH RED DYE
05/30/2012 13:58		Pump Lead Cement	5	156		200.0	PUMP VARICEM 405 SKS 12 PPG 2.19 CUFT/SK 12.46 GAL/ SK MIXED WITH RIG WATER
05/30/2012 14:44		Pump Tail Cement	5	96		220.0	PUMP VARICEM 315 SKS 13 PPG 1.72 CUFT/SK 8.95 GAL/SK MIXED WITH RIG WATER
05/30/2012 15:11		Shutdown					
05/30/2012 15:11		Clean Lines					WASH PUMPS AND LINES
05/30/2012 15:12		Drop Top Plug					LOAD PLUG WHILE WASHING PUMPS AND LINES
05/30/2012 15:12		Pump Displacement	5	118		350.0	PUMP DISPLACEMENT USING RIG WATER. CEMENT CAME TO SURFACE RIGHT AT THE START OF DISPLACEMENT. 115 BBL BACK TO SURFACE
05/30/2012 15:47		Shutdown					AFTER PUMP 2.7 BBL OVER CALCULATED DISPLACEMENT AND HAVING NOT BUMPED THE DECISION WAS MADE TO STOP PUMPING
05/30/2012 15:50		Check Floats					PRESSURE WAS HELD FOR TWO MINUTES THEN RELEASED. .5 BBL BACK. FLOATS HELD
05/30/2012 15:51		End Job					CEMENT WAS WATCHED FROM SURFACE FOR 15 MINUTES AND IT DID NOT FALL
05/31/2012 15:52		Other					75 SKS WERE BROUGHT TO WELL FOR TOP OUT IF NEEDED. CUSTOMER HAD PAID FOR IT ON PREVIOUS WELL. THE 75 SKS WERE NOT USED

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 343492	<b>Ship To #:</b> 2929292	<b>Quote #:</b>	<b>Sales Order #:</b> 9555179
<b>Customer:</b> BILL BARRETT CORPORATION E-BILL		<b>Customer Rep:</b>	
<b>Well Name:</b> Siebring		<b>Well #:</b> 5-63-32-17H	<b>API/UWI #:</b>
<b>Field:</b>	<b>City (SAP):</b> KERSEY	<b>County/Parish:</b> Weld	<b>State:</b> Colorado
<b>Lat:</b> N 40.358 deg. OR N 40 deg. 21 min. 28.152 secs.		<b>Long:</b> W 104.451 deg. OR W -105 deg. 32 min. 55.464 secs.	
<b>Contractor:</b> H&P		<b>Rig/Platform Name/Num:</b> 278	
<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> PICKELL, CHRISTOPHER	<b>MBU ID Emp #:</b> 396838

**Job Personnel**

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARNES, BRIAN L	0.0	485204	IOERGER, TODD A	0.0	485941	PICKELL, CHRISTOPHER Lee	0.0	396838
SIPNEFSKI, ROBERT Anthony	0.0	419391						

**Equipment**

HES Unit #	Distance-1 way						
10948694	45 mile	11341988C	45 mile	11633848	45 mile	11645063	45 mile
11764054C	45 mile	11764737	45 mile				

**Job Hours**

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
<b>TOTAL</b>	<i>Total is the sum of each column separately</i>							

**Job**

**Job Times**

Formation Name	Job				Date	Time	Time Zone	
Formation Depth (MD)	Top	Bottom	Called Out	30 - May - 2012	07:30	MST		
Form Type	BHST				On Location	30 - May - 2012	11:30	MST
Job depth MD	1537. ft	Job Depth TVD	1537. ft	Job Started	30 - May - 2012	13:48	MST	
Water Depth	Wk Ht Above Floor	5. ft	Job Completed	30 - May - 2012	15:51	MST		
Perforation Depth (MD)	From	To	Departed Loc	30 - May - 2012	17:30	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
13 1/2" Open Hole				13.5				.	1550.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.			.	1537.		

**Tools and Accessories**

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

**Miscellaneous Materials**

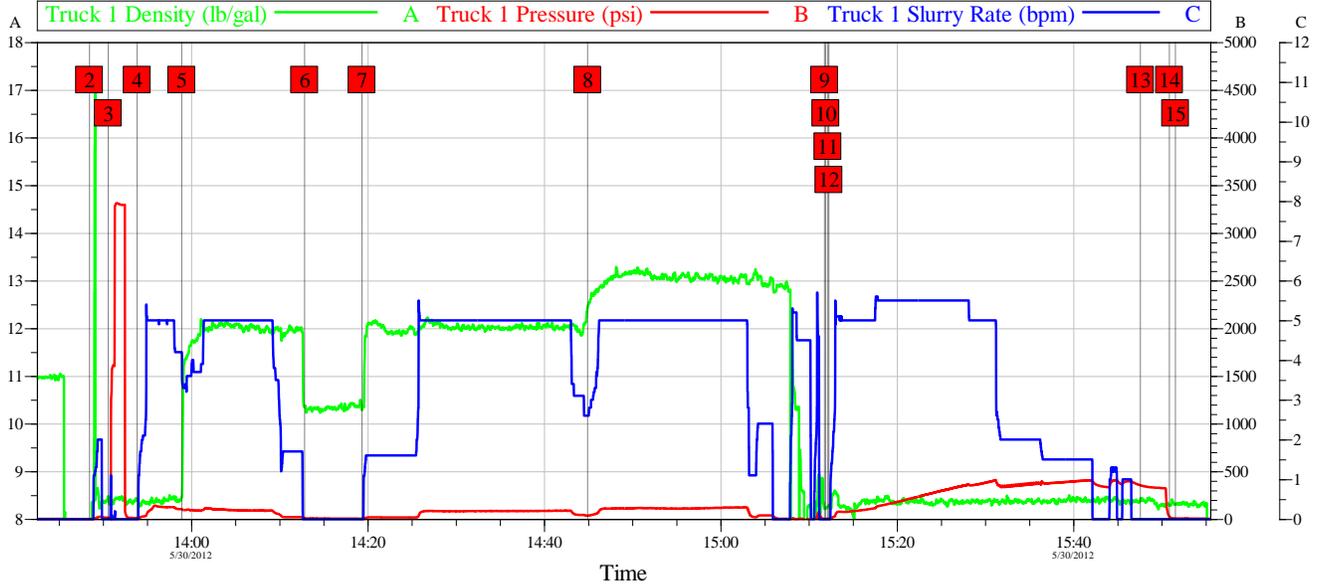
Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc %

Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty			
<b>Fluid Data</b>									
<b>Stage/Plug #: 1</b>									
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		20.00	bbl	8.34	.0	.0	.0	
2	Surface Varicem 12#	VARICEM (TM) CEMENT (452009)	405.0	sacks	12.	2.19	12.46		12.46
	12.46 Gal	FRESH WATER							
3	Surface Varicem 13#	VARICEM (TM) CEMENT (452009)	315.0	sacks	13.	1.72	8.95		8.95
	8.95 Gal	FRESH WATER							
<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	42 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				<b>Customer Representative Signature</b>					

# HALLIBURTON

## Data Acquisition

SIEBRING 5-63-32-17H  
BILL BARRETT CORP.



### Global Event Log

Intersection	T1P	Intersection	T1P	Intersection	T1P
2 Start Job	13:48:28 1.000	3 Test Lines	13:50:36 14.00	4 Pump Water W/ Red Dye	13:53:52 12.00
5 Pump Varicem 12#	13:58:56 104.0	6 Shutdown	14:12:52 9.000	7 Pump Varicem 12#	14:19:21 3.000
8 Pump Varicem 13#	14:44:56 36.00	9 Shutdown	15:11:48 2.000	10 Clean Lines	15:11:56 2.000
11 Drop Top Plug	15:12:10 3.000	12 Pump Displacement	15:12:17 3.000	13 Shutdown	15:47:36 353.8
14 Check Floats	15:50:53 23.74	15 End Job	15:51:34 6.000		

Customer: BILL BARRETT CORP.  
Well Description: SIEBRING 5-63-32-17H  
SERVICE SUPERVISOR CHRISTOPHER PICKELL

Job Date: 30-May-2012  
UWI: 05-123-35268-00  
SERVICE OPERATOR ROBERT SIPNEFSKI

Sales Order #: 9555179

OptiCem v6.4.10  
30-May-12 16:13