

BILL BARRETT CORPORATION E-BILL

70 Ranch 4-63-3-49H

Neighbors/M/-37

Post Job Summary

Cement Surface Casing

Date Prepared: 9/29/12
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: FRY, DOMINIK

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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	5.00	30.0 bbl	30.0 bbl
1	2	Cement Slurry	Surface Varicem 14.2#	14.20	5.00	410.0 sacks	410.0 sacks

Job Summary

Job Information

Job Start Date	9/15/2012 10:45:00 PM	Pipe Movement During Hole Circulation	None
Job MD	832.0 ft	Pipe Movement During Cementing	None
Job TVD	832.0 ft	Calculated Displacement	61.00 bbl
Height of Plug Container/Swage Above Rig Floor	6.0 ft	Amount of Cement Returns	16.00 bbl
Surface Temperature at Time of Job	65 degF	Job Displaced by (rig/halco)	Cement Unit HP Pumps
Mud Type	Spud Mud		
Actual Mud Density	9 lbm/gal	Length of Rat Hole	17.00 ft

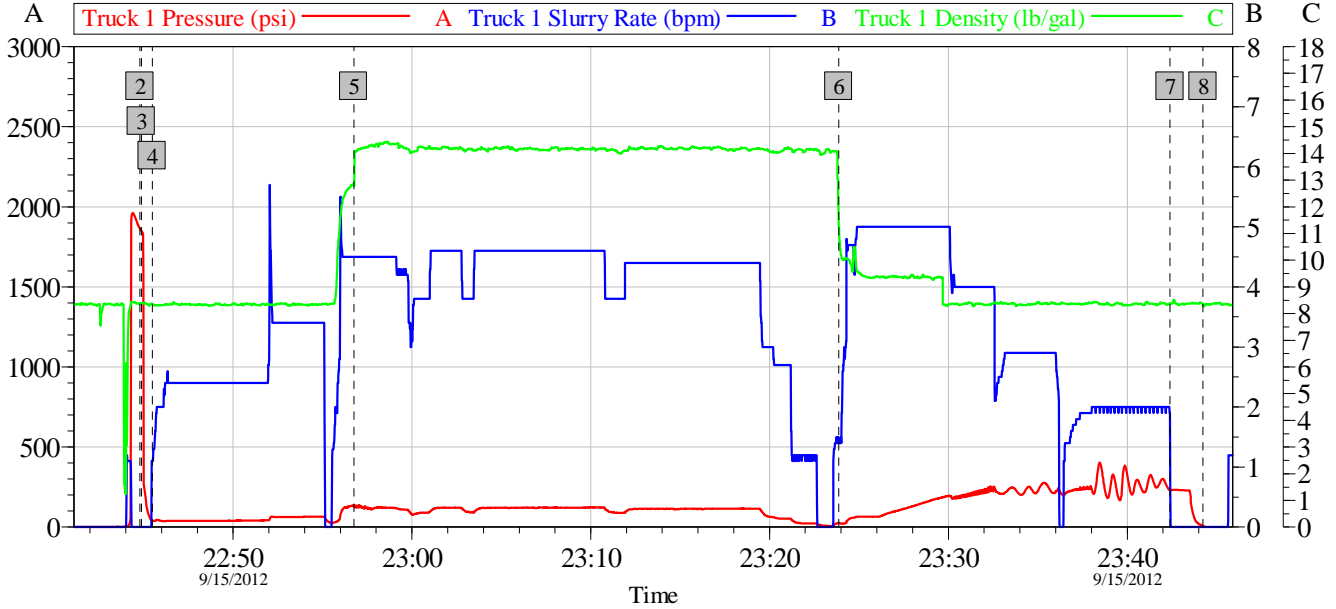
Cementing Equipment

Pipe Centralization	Above and Below Production Intervals	Plug set used?	Yes
Brand of Float Equipment Used	Halliburton Energy Services	Brand of Plug set used?	Halliburton Energy Services
Did Float Equipment Hold?	Yes	Did Plugs Bump?	Yes
		Calculated Pressure to Bump Plugs	247.0 psig

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Data Acquisition

BILL BARRETT 70 RANCH 4-63-3-49H
9.625 INCH SURFACE



Global Event Log											
Intersection		TIP	TISR	TID	Intersection	TIP	TISR	TID			
1	Starting Job	21:51:52	146.0	0.000	13.87	2	Start Job	22:44:48	1864	0.000	8.380
3	Test Lines	22:44:53	1849	0.000	8.390	4	Pump Spacer 1	22:45:29	38.97	1.100	8.350
5	Pump Lead Cement	22:56:45	130.1	4.500	12.79	6	Pump Displacement	23:23:52	26.00	1.404	11.31
7	Bump Plug	23:42:24	230.0	1.184	8.370	8	End Job	23:44:14	5.088	0.000	8.293
9	Ending Job	23:46:56	114.0	5.500	8.350						

Customer: BILL BARRETT CORP	Job Date: 15-Sep-2012	Sales Order #: 9820494
Well Description: 9.625 INCH SURFACE	THANKS LARRY LAVALLEY AND CREW	

OptiCem v6.4.10
15-Sep-12 23:48

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
09/15/2012 22:44		Start Job					
09/15/2012 22:44		Test Lines				1849.0	RIG WATER WITH NO ADDITIVES
09/15/2012 22:45		Pump Spacer 1	5	30		39.0	RIG WATER WITH RED DYE ADDED
09/15/2012 22:56		Pump Lead Cement	5	99		130.0	410 SKS SURFACE VARICEM MIXED @ 14.2 PPG YIELD OF 1.36ft ³ /sk WATER REQ OF 6.21gal/sk
09/15/2012 23:23		Drop Top Plug					PRELOADED HWE TOP PLUG
09/15/2012 23:23		Pump Displacement	5	61		250.0	RIG WATER WITH NO ADDITIVES
09/15/2012 23:42		Bump Plug	2			230.0	RIG WATER WITH NO ADDITIVES. CALCULATED PRESSURE TO LAND WAS 247 ,AND CALCULATED PRESSURE TO LIFT WAS 354 . 16 BBLs CEMENT BACK TO SURFACE.
09/15/2012 23:46		End Job					

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2941450	Quote #:	Sales Order #: 9820494
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: H, Robert	
Well Name: 70 Ranch		Well #: 4-63-3-49H	API/UWI #: 05-123-35733-00
Field: Wattenberg	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Contractor: Neighbors		Rig/Platform Name/Num: M-37	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: AARON, WESLEY		Srvc Supervisor: LAVALLEY, LARRY	MBU ID Emp #: 419296

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	CARPENTER, JACOB Paul	0.0	499500	LAVALLEY, LARRY P	0.0	419296
MARKOVICH, STEVEN Michael	0.0	502964						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11064046	50 mile	11398319	50 mile	11488570C	50 mile	11518549	50 mile
11532299	50 mile						

Job Hours

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

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	15 - Sep - 2012	17:30	MST
Form Type			BHST	Job Started	15 - Sep - 2012	22:45	MST
Job depth MD	832. ft		Job Depth TVD	832. ft	Job Completed	15 - Sep - 2012	23:45
Water Depth			Wk Ht Above Floor	6. ft	Departed Loc	16 - Sep - 2012	00:30
Perforation Depth (MD)	<i>From</i>		<i>To</i>				

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				.	832.	.	832.
9 5/8" Surface Casing	New		9.625	8.921	36.			.	835.	.	835.

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

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		30.00	bbl	8.34	.0	42.0	5.0	
2	Surface Varicem 14.2#	VARICEM (TM) CEMENT (452009)	410.0	sacks	14.2	1.36	6.21	5.0	6.21
6.21 Gal		FRESH WATER							
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	44 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					

