

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

CVR 5-63-32-3340 BH

NABORS M-37

Post Job Summary

Cement Intermediate Casing

Prepared for:
Date Prepared: 6/1/2013
Version: 1

Service Supervisor: LAVALLEY, LARRY

Submitted by: FINNEY, SEAN

HALLIBURTON

HALLIBURTON

Wellbore Geometry

Job Tubulars					MD		TVD		Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft	
Open Hole Section	Open Hole Section		8.750		800.00	6,422.00	800.00	6,422.00	
Casing	Surface Casing	9.63	8.921	36.00	0.00	834.00	0.00	834.00	40.00
Casing	Intermediate Casing	7.00	6.276	26.00	0.00	6,422.00	0.00	6,422.00	45.00

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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	TUNED SPACER III	11.50	5.00	40.0 bbl	40.0 bbl
1	2	Cement Slurry	Econocem B3 12.5#	12.50	8.00	390.0 sacks	390.0 sacks
1	3	Cement Slurry	Fraccem 13.5#	13.50	8.00	195.0 sacks	195.0 sacks
1	4	Spacer	DISPLACEMENT	8.33	8.00	243.0 bbl	243.0 bbl

Fluids Pumped

Stage/Plug # 1 Fluid 1: TUNED SPACER III
 TUNED SPACER III - SBM (483826)
 148.75 Barite
 lbm/bbl

Fluid Density: 11.50 lbm/gal
 Fluid Volume: 40.00 bbl
 Pump Rate: 5.00 bbl/min

Stage/Plug # 1 Fluid 2: Econocem B3 12.5#
 ECONOCEM (TM) SYSTEM

Fluid Weight: 12.50 lbm/gal
 Slurry Yield: 1.97 ft³/sack
 Total Mixing Fluid: 10.72 Gal
 Surface Volume: 390.0 sacks
 Sacks: 390.0 sacks
 Pump Rate: 8.00 bbl/min

Stage/Plug # 1 Fluid 3: Fraccem 13.5#
 FRACCEM (TM) SYSTEM

Fluid Weight: 13.50 lbm/gal
 Slurry Yield: 1.74 ft³/sack
 Total Mixing Fluid: 8.30 Gal
 Surface Volume: 195.0 sacks
 Sacks: 195.0 sacks
 Pump Rate: 8.00 bbl/min

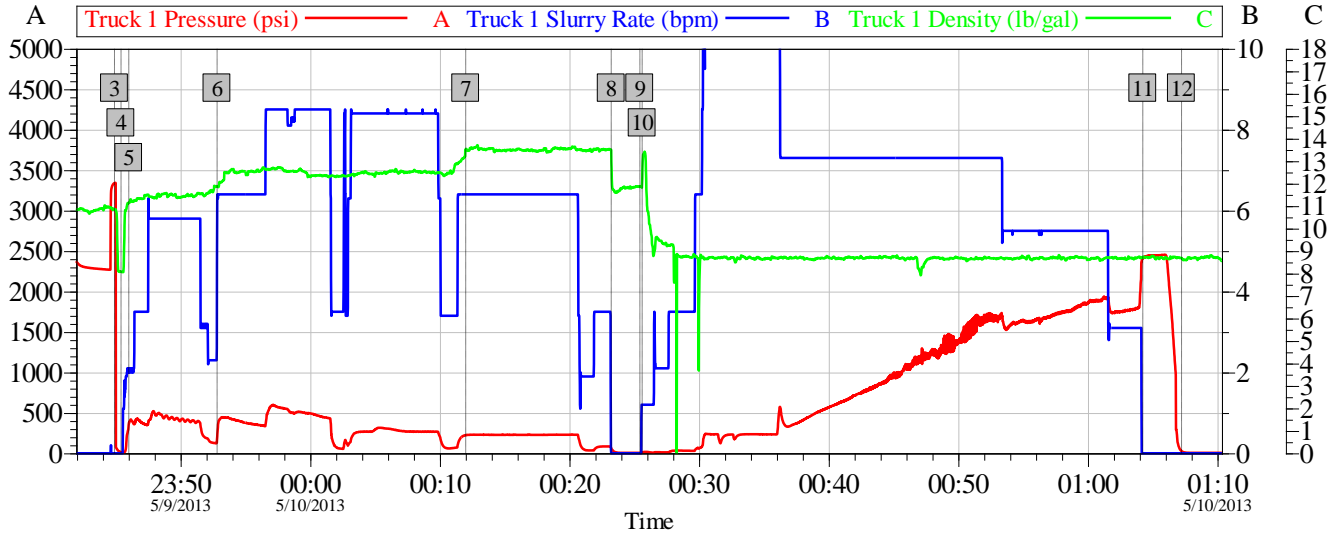
Stage/Plug # 1 Fluid 4: DISPLACEMENT
 DUMMY MUD / FLUSH / SPACER SBC MATERIAL

Fluid Density: 8.33 lbm/gal
 Fluid Volume: 243.00 bbl
 Pump Rate: 8.00 bbl/min

HALLIBURTON

Data Acquisition

BILL BARRETT CORP CVR 5-63-32-3340 BH
7 INCH INTERMEDIATE



Global Event Log								
Intersection			TIP	TISR	TID	Intersection		
1	Starting Job	5/9/2013 22:15:04	115.0	0.000	11.89	2	Start Job	5/9/2013 23:36:47 -1.000 0.000 8.077
3	Test Lines	5/9/2013 23:44:54	3339	0.000	10.85	4	Drop Bottom Plug	5/9/2013 23:45:24 13.49 0.000 8.080
5	Pump Spacer 1	5/9/2013 23:46:00	367.2	2.100	11.14	6	Pump Lead Cement	5/9/2013 23:52:49 173.1 5.000 11.87
7	Pump Tail Cement	5/10/2013 00:12:00	224.8	6.400	13.52	8	Shutdown	5/10/2013 00:23:14 62.77 0.000 13.30
9	Drop Top Plug	5/10/2013 00:25:26	5.000	0.000	11.87	10	Pump Displacement	5/10/2013 00:25:37 9.666 1.200 12.16
11	Bump Plug	5/10/2013 01:04:14	2410	0.000	8.737	12	End Job	5/10/2013 01:07:13 29.61 0.000 8.690
13	Ending Job	5/10/2013 01:10:29	5.000	0.000	8.610			

Customer: BILL BARRETT CORP	Job Date: 09-May-2013	Sales Order #: 900429651
Well Description: 7 INCH INTERMEDIATE	THANKS LARRY LAVALLEY AND CREW	

OptiCem v6.4.10
10-May-13 01:12

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
05/09/2013 23:36		Start Job					
05/09/2013 23:44		Test Lines				3339.0	RIG WATER WITH NO ADDITIVES
05/09/2013 23:45		Drop Bottom Plug				13.0	PRELOADED HWE BOTTOM PLUG
05/09/2013 23:46		Pump Spacer 1	5	40		367.0	40 BBLS TUNED SPACER III MIXED @ 11.5 PPG YIELD 7.21 FT3/SK AND 53.96 GAL/SK
05/09/2013 23:52		Pump Lead Cement	8	137		173.0	390 SKS ECONOCHEM B3 MIXED @ 12.5 PPG YIELD 1.97 FT3/FT AND 10.72 GAL/SK
05/10/2013 00:12		Pump Tail Cement	8	60		224.0	195 SKS FRACCEM MIXED @ 13.5 PPG YIELD 1.74 FT3/SK AND 8.3 GAL/SK
05/10/2013 00:18		End Job					FLOATS HELD GOT 1 BBL BACK
05/10/2013 00:25		Drop Top Plug				10.0	PRELOADED HWE TOP PLUG
05/10/2013 00:25		Pump Displacement	8	243		1829.0	WATER SUPPLIED BY RIG WITH NO ADDITIVES . CAUGHT CEMENT @ 70 BBLS AWAY AND SPACER RETURNED TO SURFACE @ 193 BBLS AWAY.40 BBLS SPCR BACK AND 10 BBLS CEMENT
05/10/2013 00:28		Bump Plug	3			2400.0	CALCULATED PRESSURE TO LAND WAS 1954 + 500 = 2454 PSI.

The Road to Excellence Starts with Safety

Sold To #: 343492	Ship To #: 2997428	Quote #:	Sales Order #: 900429651
Customer: BILL BARRETT CORPORATION E-BILL		Customer Rep: Schultz, Robert	
Well Name: CVR	Well #: 5-63-32-3340 BH	API/UWI #:	
Field: Wattenberg	City (SAP): KERSEY	County/Parish: Weld	State: Colorado
Contractor: NABORS M-37	Rig/Platform Name/Num: NABORS M-37 #		
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: FLING, MATTHEW		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 #
LAVALLEY, LARRY P	0.0	419296	NESBITT, ROY Iverson	0.0	537416	RICHEY, JESSICA L	0.0	525703
SINCLAIR, RICHARD	0.0	368195	WILEY, JAMES A	0.0	440080			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11338223	42 mile	11398319	42 mile	11488570C	42 mile	11518549	42 mile
11764052	42 mile	11764739	42 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	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	6422. ft	6422. ft	6. ft				09 - May - 2013	09:00	MST	
											On Location	09 - May - 2013	15:00	MST
											Job Started	09 - May - 2013	23:30	MST
											Job Completed	10 - May - 2013	01:10	MST
											Departed Loc	10 - May - 2013	02:00	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
Open Hole Section				8.75				800.	6422.	800.	6422.
Intermediate Casing	Unknown		7.	6.276	26.			.	6422.	.	6422.
Surface Casing	Unknown		9.625	8.921	36.			.	834.	.	834.

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
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1	TUNED SPACER III	TUNED SPACER III - SBM (483826)	40.00	bbl	11.5	7.21	53.96	5.0	
	36.83 gal/bbl	FRESH WATER							
	148.75 lbm/bbl	BARITE, 100 LB SK (100003680)							
2	Econocem B3 12.5#	ECONOCEM (TM) SYSTEM (452992)	390.0	sacks	12.5	1.97	10.72	8.0	10.72
	10.72 Gal	FRESH WATER							
3	Fraccem 13.5#	FRACCEM (TM) SYSTEM (452963)	195.0	sacks	13.5	1.74	8.3	8.0	8.3
	8.3 Gal	FRESH WATER							
4	DISPLACEMENT		243.00	bbl	8.33	.0	42.0	8.0	
<i>The Information Stated Herein Is Correct</i>			Customer Representative Signature						

