

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

Champlin Danford
Champlin Danford 43-32

PATTERSON/189

Post Job Summary

Cement Surface Casing

Date Prepared: 11/17/11
Version: 1

Service Supervisor: SIPNEFSKI, ROBERT

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 13#	13.00	6.00	720.0 sacks	720.0 sacks
1	3	Cement Slurry	SwiftCem B1 14.2#	14.20	5.00	170.0 sacks	170.0 sacks
1	4	Cement Slurry	Top Off Mountain G 15.8#	15.80	0.00	100.0 sacks	100.0 sacks

Data Acquisition



Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
11/08/2011 20:15		Arrive at Location from Service Center						
11/08/2011 20:30		Assessment Of Location Safety Meeting						HELD PRE-RIG UP SAFETY MEETING. ASSESS LOCATION FOR HAZARDS.
11/08/2011 21:30		Rig-Up Equipment						
11/08/2011 22:30		Safety Meeting						HELD SAFETY MEETING WITH ALL 3RD PARTY PERSONNEL.
11/08/2011 23:03		Start Job						
11/08/2011 23:05		Test Lines					2592.0	
11/08/2011 23:05		Pump Spacer 1	5	60			119.0	PUMPED 60BBL OF WATER WITH RED DYE. REQUESTED BY CUSTOMER. WATER SUPPLIED BY RIG.
11/08/2011 23:21		Pump Lead Cement	5	200			207.0	PUMPED 740SKS OF SURFACE VARICEM CMT. @13PPG MIXED WITH WATER SUPPLIED BY RIG.
11/08/2011 23:58		Pump Tail Cement	5	47			101.0	PUMPED 170SKS OF SWIFTCM CMT. @14.2PPG MIXED WITH WATER SUPPLIED BY RIG.
11/09/2011 00:09		Shutdown						CLEAN LINES WASHUP ON TOP OF PLUG PER CUSTOMER REQUEST.
11/09/2011 00:14		Drop Top Plug						
11/09/2011 00:14		Pump Displacement	8	114			541.0	PUMPED BBL OF WATER SUPPLIED BY RIG. 20BBL OF CMT RETURNED TO PIT.
11/09/2011 00:43		Bump Plug	2.5				691.0	
11/09/2011 00:45		Other						CHECK FLOATS, FLOATS HELD.
11/09/2011 00:45		End Job						HELD PRE-RIG DOWN SAFETY MEETING. PREPARE FOR DEPARTURE.

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The Road to Excellence Starts with Safety

Sold To #: 343492		Ship To #: 2889429		Quote #:		Sales Order #: 9044672	
Customer: BILL BARRETT CORPORATION E-BILL				Customer Rep:			
Well Name: Champlin Danford			Well #: 43-32			API/UWI #: 05-001-09656	
Field:		City (SAP): AURORA		County/Parish: Denver		State: Colorado	
Contractor: PATTERSON			Rig/Platform Name/Num: 189				
Job Purpose: Cement Surface Casing							
Well Type: Producing Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srv Supervisor: SIPNEFSKI, ROBERT			MBU ID Emp #: 419391	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOURGEOIS, KEVIN Paul		459092	LYNCH, JACK William		483039	MARKOVICH, STEVEN Michael		502964
MILLER, GEOFFREY Alan		460232	SIPNEFSKI, ROBERT Anthony		419391			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10804557C	29 mile	10822531C	29 mile	10866497C	29 mile	10951208	29 mile
11362287C	29 mile	11633846	29 mile	11764052	29 mile	11764737	29 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	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To	Called Out	Date	Time	Time Zone
				BHST	1800. ft	1800. ft	4. ft					08 - Nov - 2011	17:00	MST
											On Location	08 - Nov - 2011	20:15	MST
											Job Started	08 - Nov - 2011	23:03	MST
											Job Completed	09 - Nov - 2011	00:45	MST
											Departed Loc	09 - Nov - 2011	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				12.25				.	1800.		
Surface Casing	Unknown		8.625	8.097	24.		N-80	.	1800.	.	.

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SHOE,CSG,TIGER TOOTH,8 5/8 IN 8RD	1	EA		
CLR,FLT,8-5/8 8RD 24-44PPF,2-3/4SSII	1	EA		
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	15	EA		
CLAMP - LIMIT - 8-5/8 - HINGED -	1	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	1	EA		
KIT,HALL WELD-A	1	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			

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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	.0	.0						
2	Surface VariCem 13#	VARICEM (TM) CEMENT (452009)				720.0	sacks	13.	1.71	8.84		8.84					
	8.84 Gal	FRESH WATER															
3	SwiftCem B1 14.2#	SWIFTCEM (TM) SYSTEM (452990)				170.0	sacks	14.2	1.55	7.69		7.69					
	0.125 lbm	POLY-E-FLAKE (101216940)															
	7.69 Gal	FRESH WATER															
4	Top Off Mountain G 15.8#	CMT - PREMIUM - CLASS G, 94 LB SK (100003685)				100.0	sacks	15.8	1.15	5.0		5.0					
	94 lbm	CMT - PREMIUM - CLASS G REG OR TYPE V, BULK (100003685)															
	5 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	45 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											