

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

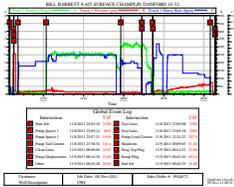
Submitted by: FRY, DOMINIK

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	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



HALLIBURTON

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		Srvc 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 #
BOURGOIS, 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						
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	Called Out	Date	Time	Time Zone
				On Location	08 - Nov - 2011	17:00	MST
Form Type			BHST	On Location	08 - Nov - 2011	20:15	MST
Job depth MD	1800. ft		Job Depth TVD	1800. ft	Job Started	08 - Nov - 2011	23:03
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	09 - Nov - 2011	00:45
Perforation Depth (MD)	<i>From</i>		<i>To</i>		Departed Loc	09 - Nov - 2011	02:00

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
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