

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
12/05/2011 05:00		Arrive at Location from Service Center					
12/05/2011 08:00		Assessment Of Location Safety Meeting					
12/05/2011 10:07		Test Lines					PRESSURE TEST TO 4500 PSI
12/05/2011 10:12		Pump Spacer 1	4	40		320.0	RIG WATER
12/05/2011 10:24		Pump Lead Cement	7	176		275.0	451 SKS VARICEM MIXED AT 12.0 PPG WITH RIG WATER
12/05/2011 11:11		Pump Tail Cement	7.5	326		572.0	1255 SKS EXPANDACEM MIXED AT 14.6 PPG WITH RIG WATER
12/05/2011 12:09		Shutdown					
12/05/2011 12:14		Clean Lines					
12/05/2011 12:19		Drop Top Plug					
12/05/2011 12:21		Pump Displacement	3	215		1790.0	RIG WATER
12/05/2011 13:30		Bump Plug				2110.0	GOOD RETURNS THROUGHOUT JOB
12/05/2011 13:30		Check Floats				2120.0	FLOATS HELD
12/05/2011 13:38		End Job					

The Road to Excellence Starts with Safety

Sold To #: 344659	Ship To #: 2893072	Quote #:	Sales Order #: 9112186
Customer: CHESAPEAKE OPERATING INC EBUSINESS		Customer Rep: EMERSON, CHUCK	
Well Name: Heiby		Well #: 18-8-66 1H	API/UWI #: 05-123-34627
Field:	City (SAP): NUNN	County/Parish: Weld	State: Colorado
Contractor: SST		Rig/Platform Name/Num: 53	
Job Purpose: Cement Production Casing			
Well Type: Development Well		Job Type: Cement Production Casing	
Sales Person: FLING, MATTHEW		Srvs Supervisor: KELEHER, JASON	MBU ID Emp #: 437348

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BOETTIGER, MARK		500519	BULINSKI, MATTHEW J		483865	CONGDON, RICHARD S.		320306
DIRKS, RICHARD E		485940	HELMICK, MATTHEW James		507553	KELEHER, JASON E		437348
LYNCH, JACK William		483039	MAHONEY, KELLAN Carl		476531	MILLER, GEOFFREY Alan		460232
WILEY, JAMES A		440080						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10241536C	51 mile	11398490	51 mile	11410470C	51 mile	11497454C	51 mile
11515108C	51 mile	11518548	51 mile	11532299	51 mile	11532305	51 mile
11606995	51 mile	11608503C	51 mile	11633848	51 mile	11764739	51 mile
6522C	51 mile						

Job Hours

HALLIBURTON

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						Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	05 - Dec - 2011	01:00	MST
Form Type	BHST				On Location	05 - Dec - 2011	05:00	MST
Job depth MD	10810. ft		Job Depth TVD	10810. ft		Job Started	05 - Dec - 2011	10:04
Water Depth			Wk Ht Above Floor			Job Completed	05 - Dec - 2011	13:38
Perforation Depth (MD)	From		To		Departed Loc	05 - Dec - 2011	14:30	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
Open Hole				8.5				.	6400.	.	.
Open Hole				8.5				.	10798.	.	.
Production Casing	New		4.5	4.	11.6		P-110	6358.	10798.	.	.
Production Casing	Unknown		5.5	4.892	17.		P-110	.	6358.	.	.
Surface Casing	New		9.625	8.835	40.		J-55	.	1021.		