

**ANADARKO PETROLEUM CORP - EBUS  
DO NOT MAIL - PO BOX 4995  
THE WOODLANDS, Texas**

HOUSTON 12C-8 HZ

**Majors 42**

## **Post Job Summary** **Cement Surface Casing**

Date Prepared: 3/27/2014  
Version: 1

Service Supervisor: BULINSKI, MATTHEW

Submitted by: PRUDHOMME, JOSHUA

**HALLIBURTON**

## ***Pumping Schedule***

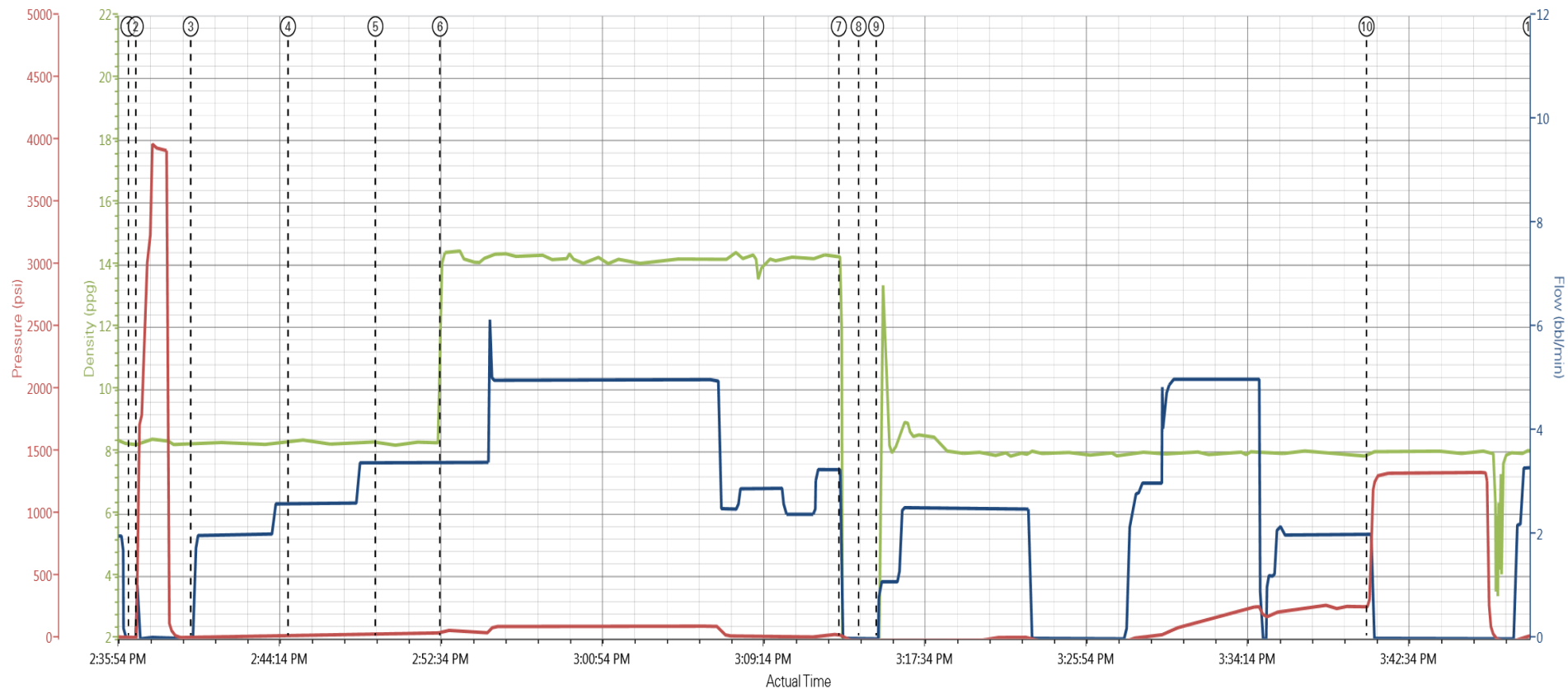
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Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	2.0	10.0 bbl	10.0 bbl
1	1	Spacer	Mud Flush	8.50	2.5	12.0 bbl	12.0 bbl
1	1	Spacer	Fresh Water Spacer	8.33	3.0	10.0 bbl	10.0 bbl
1	2	Cement Slurry	SwiftCem B2	14.2	4.5	327.0 sacks	327.0 sacks

# HALLIBURTON

## Data Acquisition

Anadarko Houston #12C-8 HZ Surface 3-19-14



DH Density (ppg) Comb Pump Rate (bbl/min) PS Pump Press (psi)

① Start Job 8:29;0;11    ④ Pump Spacer 2 8:31;2;6;31    ⑦ Shutdown 14:24;0;1;27    ⑩ Bump Plug 7:89;2;286  
 ② Test Lines 8:26;0;1717    ⑤ Pump Spacer 1 8:31;3;4;43    ⑧ Drop Top Plug -0:28;0;-14    ⑪ End Job 7:98;0;11  
 ③ Pump Spacer 1 8:25;0;6    ⑥ Pump Lead Cement 14:43;3;4;57    ⑨ Pump Displacement -0:35;0;8;-13

▲ HALLIBURTON | iCem® Service

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Edit

# HALLIBURTON

## Service Supervisor Reports

### Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
03/19/2014 09:00		Call Out					
03/19/2014 11:30		Depart Yard Safety Meeting					JSA on Job materials, pre-tripping trucks, and driving to location
03/19/2014 13:10		Arrive at Location from Service Center					Arrived on location 50mins early and rig is on schedule putting landing joint on & will circulate 1hr before pumping cmt
03/19/2014 13:15		Assessment Of Location Safety Meeting					Hazard Hunt on location before spotting in trucks
03/19/2014 13:25		Safety Meeting - Pre Rig-Up					JSA on rigging up bulk trucks and iron to rig
03/19/2014 13:30		Rig-Up Equipment					
03/19/2014 13:50		Rig-Up Completed					
03/19/2014 14:10		Safety Meeting - Pre Job					JSA with Company Man, rig hands, and HES hands on pump schedule
03/19/2014 14:36		Start Job					
03/19/2014 14:36		Test Lines					3500psi Pressure Test Lines to Rig floor
03/19/2014 14:39		Pump Spacer 1	2	10		30.0	10bbls H2O spacer
03/19/2014 14:44		Pump Spacer 2	2.5	12		40.0	12bbls Mud flush spacer
03/19/2014 14:49		Pump Spacer 1	3	10		57.0	10bbls H2O spacer
03/19/2014 14:52		Pump Cement	4.5	89.6		100.0	327sks Swiftcem, 14.2ppg, 1.54yield, 7.64gal/sk, Mixed with rig water and # verify by pressurized mud scales 3x's..... 10bbls into cmt weighed 14.3ppg 1/2 way into cmt weighed 14.2ppg Last 10bbls into cmt weighed 14.3ppg
03/19/2014 15:13		Shutdown					
03/19/2014 15:14		Drop Top Plug					Pre-Loaded
03/19/2014 15:15		Pump Displacement	5	60		60.0	H2O displacement, Good returns throughout. 11bbls Cmt to surface
03/19/2014 15:40		Bump Plug	3			280.0	Plug landed at 280psi and brought to 1380psi for 5mins
03/19/2014 15:47		Check Floats					Floats Held
03/19/2014 15:49		End Job					
03/19/2014 15:50		Safety Meeting - Pre Rig-Down					JSA on rigging down bulk trucks and iron from rig
03/19/2014 16:00		Rig-Down Equipment					
03/19/2014 16:40		Rig-Down Completed					
03/19/2014 16:45		Safety Meeting - Departing Location					JSA on location walk around, pre-tripping trucks, and driving back to Brighton yard

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 300466		<b>Ship To #:</b> 3354749		<b>Quote #:</b>		<b>Sales Order #:</b> 901194791	
<b>Customer:</b> ANADARKO PETROLEUM CORP - EBUS				<b>Customer Rep:</b> Hersch, Larry			
<b>Well Name:</b> HOUSTON			<b>Well #:</b> 12C-8 HZ		<b>API/UWI #:</b> 05-123-38946-00		
<b>Field:</b>		<b>City (SAP):</b> PLATTEVILLE		<b>County/Parish:</b> Weld		<b>State:</b> Colorado	
<b>Contractor:</b> Majors			<b>Rig/Platform Name/Num:</b> Majors 42				
<b>Job Purpose:</b> Cement Surface Casing							
<b>Well Type:</b> Development Well				<b>Job Type:</b> Cement Surface Casing			
<b>Sales Person:</b> GREGORY, JON			<b>Srvc Supervisor:</b> BULINSKI, MATTHEW			<b>MBU ID Emp #:</b> 483865	
<b>Job Personnel</b>							
<b>HES Emp Name</b>	<b>Exp Hrs</b>	<b>Emp #</b>	<b>HES Emp Name</b>	<b>Exp Hrs</b>	<b>Emp #</b>	<b>HES Emp Name</b>	<b>Exp Hrs</b>
BULINSKI, MATTHEW J	0.0	483865	SIMMONS, KEATON J	0.0	524850	TOWNSON, JUSTIN T	0.0
WILEY, JAMES A	0.0	440080					
<b>Equipment</b>							
<b>HES Unit #</b>	<b>Distance-1 way</b>	<b>HES Unit #</b>	<b>Distance-1 way</b>	<b>HES Unit #</b>	<b>Distance-1 way</b>	<b>HES Unit #</b>	<b>Distance-1 way</b>
10679720C	19 mile	11542778	19 mile	11562544C	19 mile	11605598	19 mile
<b>Job</b>				<b>Job Times</b>			
<b>Formation Name</b>				<b>Date</b>			
<b>Formation Depth (MD)</b> <b>Top</b>				<b>Time</b>			
<b>Bottom</b>				<b>Time Zone</b>			
<b>Form Type</b>				<b>Called Out</b>			
<b>Job depth MD</b> 830. ft				<b>On Location</b>			
<b>Job Depth TVD</b> 830. ft				<b>Job Started</b>			
<b>Water Depth</b>				<b>Job Completed</b>			
<b>Perforation Depth (MD)</b> <b>From</b>				<b>Job Completed</b>			
<b>To</b>				<b>Departed Loc</b>			

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer		10.0	bbl	8.33			2.0	
2	Mud Flush		12.0	bbl	8.5			2.5	
1	Fresh Water Spacer		10.0	bbl	8.33			3.0	
3	SwiftCem B2	SWIFTCem (TM) SYSTEM (452990)	327	sacks	14.2	1.54	7.64	4.5	7.64
7.64 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		11.0		Actual Displacement 60.0	
Frac Gradient		15 Min		Spacers		32.0		Load and Breakdown	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe		Amount 0 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					

