

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

NRC 3C-8HZ

Majors 42

Post Job Summary **Cement Surface Casing**

Date Prepared: 5/8/2014
Version: 1

Service Supervisor: MCBRIDE, NATHAN

Submitted by: TRIER, DEREK

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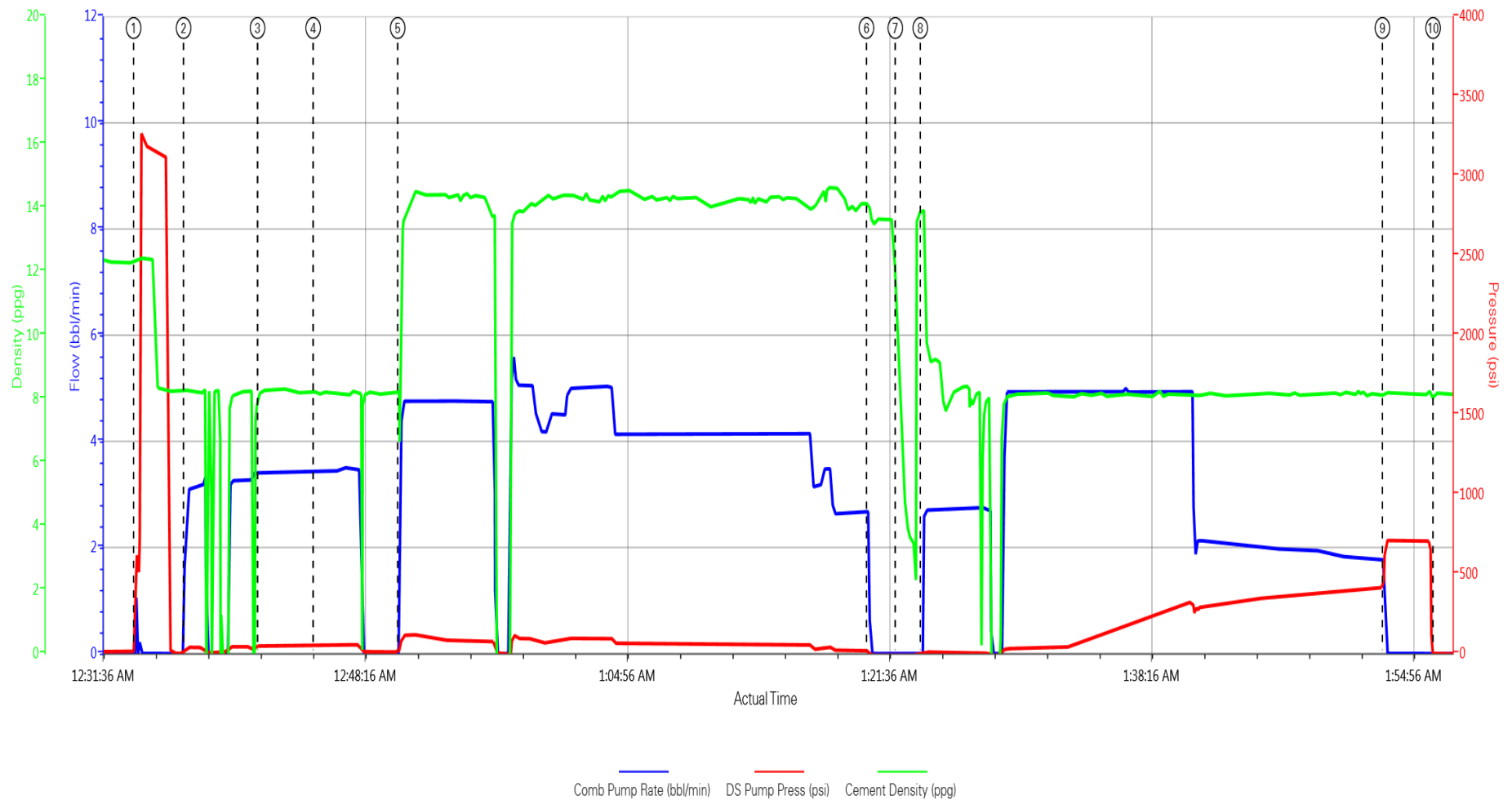
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water	8.33	3.50	10.0 bbl	10.0 bbl
1	1	Spacer	Mud Flush	8.50	3.50	12.0 bbl	12.0 bbl
1	1	Spacer	Fresh Water	8.33	3.50	10.0 bbl	10.0 bbl
1	2	Cement Slurry	SwiftCem B2	14.20	5.00	386.0 sacks	386.0 sacks

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Data Acquisition

Custom Results



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Service Supervisor Reports

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Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 300466		Ship To #: 3354761		Quote #:		Sales Order #: 901171715	
Customer: ANADARKO PETROLEUM CORP - EBUS				Customer Rep: Case, Randy			
Well Name: NRC			Well #: 3C-8HZ		API/UWI #: 05-123-38945		
Field: WATTENBERG		City (SAP): IONE		County/Parish: Weld		State: Colorado	
Legal Description:							
Lat: N 40.059 deg. OR N 40 deg. 3 min. 33.743 secs.				Long: W 104.916 deg. OR W -105 deg. 5 min. 2.85 secs.			
Contractor: Majors			Rig/Platform Name/Num: Majors 42				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well			Job Type: Cement Surface Casing				
Sales Person: FLING, MATTHEW			Srvc Supervisor: MCBRIDE, NATHAN			MBU ID Emp #: 313810	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	03/05/2014 22:00							Rig still running pipe in hole
Assessment Of Location Safety Meeting	03/05/2014 22:05							Hazard Hunt and Discuss 3rd party activities
Pre-Rig Up Safety Meeting	03/05/2014 22:10							Review JSA and Discuss Rig up layout
Rig-Up Equipment	03/05/2014 22:30							
Rig-Up Completed	03/05/2014 23:00							
Casing on Bottom	03/05/2014 23:05							
Circulate Well	03/05/2014 23:10							
Pre-Job Safety Meeting	03/05/2014 23:59							With Customer and 3rd Parties involved
Start Job	03/06/2014 00:32							
Pump Water	03/06/2014 00:33		2	2			40.0	Fill Lines
Test Lines	03/06/2014 00:33						3285.0	
Pump Water	03/06/2014 00:36		3.5	10			50.0	Fresh Water
Pump Spacer	03/06/2014 00:41		3.5	12			50.0	Mud Flush
Pump Water	03/06/2014 00:45		3.5	10			50.0	Fresh Water
Pump Cement	03/06/2014 00:50		5	122			70.0	386sks @ 14.2ppg, 1.54yield, 7.66gal/sk
Shutdown	03/06/2014 01:20							
Drop Top Plug	03/06/2014 01:22							

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Quote #:

Sales Order #: 901171715

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Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Displacement	03/06/2014 01:23		5	93.1				Fresh Water
Spacer Returns to Surface	03/06/2014 01:40							68 bbls displaced
Cement Returns to Surface	03/06/2014 01:44							79 bbls Displaced 14 bbls to Pit
Bump Plug	03/06/2014 01:52						411.0	Final Pressure on Plug 714
Check Floats	03/06/2014 01:56							Floats Good 2bbls Back
End Job	03/06/2014 01:57							Thanks McBride and Crew



Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3354761	Quote #:	Sales Order #: 901171715
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Porter, Bob	
Well Name: NRC		Well #: 3C-8HZ	API/UWI #: 05-123-38945
Field: WATTENBERG	City (SAP): IONE	County/Parish: Weld	State: Colorado
Lat: N 40.059 deg. OR N 40 deg. 3 min. 33.743 secs.		Long: W 104.916 deg. OR W -105 deg. 5 min. 2.85 secs.	
Contractor: Majors		Rig/Platform Name/Num: Majors 42	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: FLING, MATTHEW		Srvc Supervisor:	MBU ID Emp #:

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
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Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

Job Hours

[illegible]

TOTAL	<i>Total is the sum of each column separately</i>				
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Job

Job Times

Formation Name							Date	Time	Time Zone
Formation Depth (MD)	Top			Bottom		Called Out			
Form Type			BHST			On Location			
Job depth MD	900. ft		Job Depth TVD	900. ft		Job Started			
Water Depth			Wk Ht Above Floor			Job Completed			
Perforation Depth (MD)	From			To		Departed Loc			

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
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Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
SUGAR, GRANULATED, IMPERIAL	50	LB		

Fluid Data

Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
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1	Fresh Water		10.0	Bbl	8.33			3.5	
1	Mud Flush			bbl	8.5	.0	.0	3.5	
3.33 lbm/bbl		MUD FLUSH III, 40 LB SACK (101633304)							
0 gal/bbl		FRESH WATER							
1	Fresh Water		10.0	Bbl	8.33			3.5	
2	SwiftCem B2	SWIFTCM (TM) SYSTEM (452990)		sacks	14.2	1.54	7.66	5.0	7.66
7.66 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns 14		Actual Displacement 93.1		Treatment	
Frac Gradient		15 Min		Spacers 32		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		5.0		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					

