

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

Elliott State 26C-17HZ

Majors 42

Post Job Summary

Cement Surface Casing

Date Prepared: 4/1/2014
Version: 1

Service Supervisor: BARRAS, JOSEPH

Submitted by: GROVES, COREY

HALLIBURTON

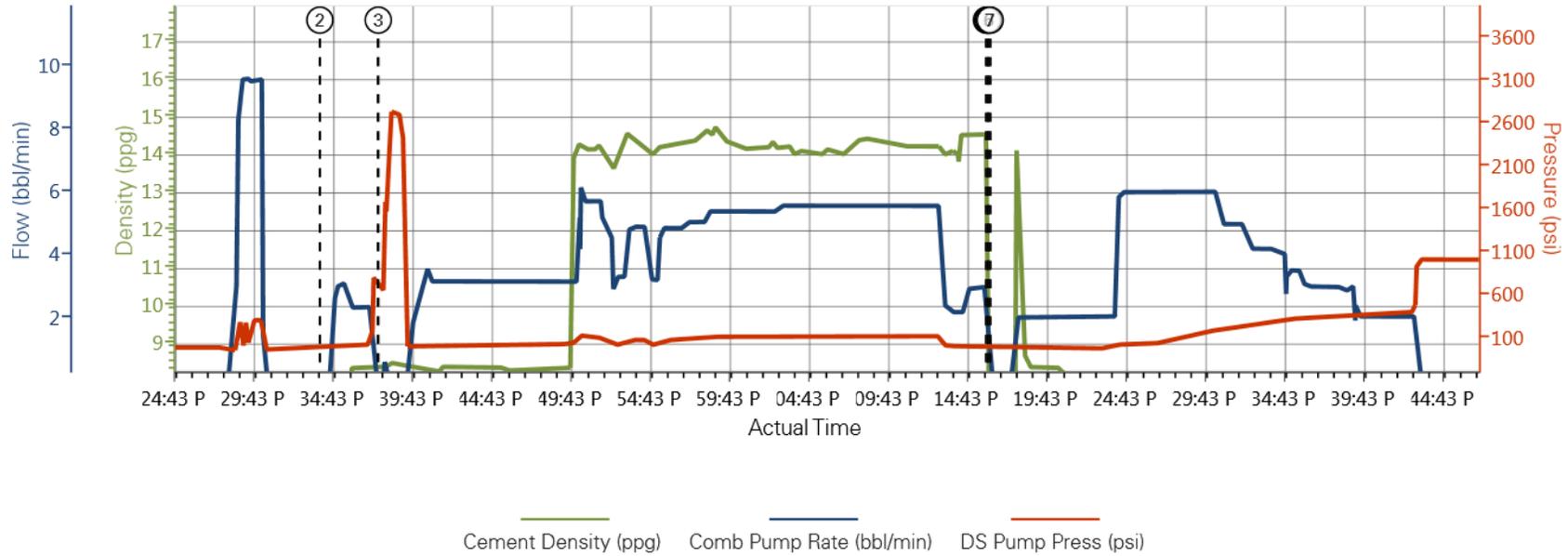
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	4.00	10.0 bbl	10.0 bbl
1	1	Spacer	Mud Flush	8.40	5.00	12.0 bbl	12.0 bbl
1	1	Spacer	Fresh Water Spacer	8.33	5.00	10.0 bbl	10.0 bbl
1	2	Cement Slurry	SwiftCem B2	14.20	5.00	462.0 sacks	462.0 sacks

HALLIBURTON

Data Acquisition

ANADARKO ELLIOT STATE 26-17HZ SURFACE



HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
02/16/2014 13:00		Arrive at Location from Service Center					rig running casing
02/16/2014 13:15		Rig-Up Equipment					move HES into position for job
02/16/2014 14:00		Rig-Up Completed					
02/16/2014 14:15		Safety Meeting - Pre Job					with HES and rig crew
02/16/2014 14:34		Start Job					
02/16/2014 14:37		Test Lines					test lines to 2000 psi with no visible leaks
02/16/2014 14:39		Pump Spacer 1	4	10		40.0	rig water
02/16/2014 14:42		Pump Spacer 2	5	12		37.0	rig water with mud flush
02/16/2014 14:46		Pump Spacer 1	5	10		40.0	rig water
02/16/2014 14:50		Pump Cement	5	126		128.0	mixed with rig water @ 14.2 ppg /462 sks of swift cem 1.54 yield / 7.66 gal/sk
02/16/2014 15:16		Shutdown					
02/16/2014 15:16		Drop Top Plug					prloaded and witnessed by companyman
02/16/2014 15:16		Pump Displacement	5	92		432.0	rig water ith cement to surface @ 82 bbl into displacing
02/16/2014 15:43		Bump Plug	2			1026.0	
02/16/2014 15:52		Check Floats					held with 1 bbl back
02/16/2014 15:55		End Job					
02/16/2014 16:00		Rig-Down Equipment					
02/16/2014 16:45		Return to Service Center from Job					

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3274569	Quote #:	Sales Order #: 901123517
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: 42, Majors	
Well Name: Elliott State	Well #: 26C-17HZ	API/UWI #: 05-123-38629	
Field: WATTEBERG	City (SAP): PLATTEVILLE	County/Parish: Weld	State: Colorado
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: BARRAS, JOSEPH	MBU ID Emp #: 405168	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BANUELOS, GUADALUPE	0.0	372277	BARRAS, JOSEPH Corey	0.0	405168	SCILEPPI, JOSEPH Dean	0.0	555492
STIELER, KENT	0.0	554541						

Equipment

HES Unit #	Distance-1 way						
10248053C	21 mile	10824253C	21 mile	11019275C	21 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
Form Type			BHST	On Location			
Job depth MD	1232. ft		Job Depth TVD	1232. ft	Job Started	16 - Feb - 2014	14:01 MST
Water Depth			Wk Ht Above Floor	4. ft	Job Completed	16 - Feb - 2014	15:48 MST
Perforation Depth (MD)	From		To	Departed Loc	16 - Feb - 2014	16:30	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

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
COLLAR-STOP-9 5/8"-FRICTION-HINGED	2	EA		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
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	Fresh Water Spacer	Fresh Water	10	bbl	8.33			4.0	
2	Mud Flush	Mud Flush	12	bbl	8.40			5.0	
3	Fresh Water	Fresh Water	10	bbl	8.33			5.0	
4	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)	462.0	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		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
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					

