

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

Scott 28C-32 HZ

Majors 29

Post Job Summary **Cement Surface Casing**

Date Prepared: 3/11/2014
Version: 1

Service Supervisor: MCBRIDE, NATHAN

Submitted by: PRUDHOMME, JOSHUA

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	Mud Flush	8.50	5.0	12.0 bbl	12.0 bbl
1	2	Spacer	Fresh Water Spacer	8.33	5.0	10.0 bbl	10.0 bbl
1	3	Cement Slurry	SwiftCem B2	14.2	5.0	384.0 sacks	384.0 sacks

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
02/20/2014 18:50		Casing on Bottom						
02/20/2014 18:55		Circulate Well						
02/20/2014 19:00		Arrive at Location from Service Center						Requested on location was 1900
02/20/2014 19:05		Assessment Of Location Safety Meeting						Hazard Hunt and Discuss 3rd party activities
02/20/2014 19:10		Pre-Rig Up Safety Meeting						Review JSA and Discuss Rig up layout
02/20/2014 20:00		Rig-Up Equipment						Containment not on location called in and looked for containment. HES didn't contact for movement to new pad.
02/20/2014 20:25		Rig-Up Completed						
02/20/2014 20:35		Pre-Job Safety Meeting						With Customer and 3rd Parties involved
02/20/2014 20:57		Start Job						
02/20/2014 20:57		Pump Water	2	2			80.0	Fill Lines
02/20/2014 21:00		Test Lines					2150.0	
02/20/2014 21:02		Pump Spacer	5	12			120.0	Mud Flush
02/20/2014 21:05		Pump Water	5	10			145.0	Fresh Water
02/20/2014 21:07		Pump Cement	5	105.3			220.0	386sks @ 14.2ppg, 1.54yield, 7.66gal/sk
02/20/2014 21:30		Shutdown						
02/20/2014 21:31		Drop Top Plug						
02/20/2014 21:32		Pump Displacement	5	74.6			210.0	Fresh Water
02/20/2014 21:45		Spacer Returns to Surface						40 bbls displaced
02/20/2014 21:54		Cement Returns to Surface						62bbls Displaced 12 bbls to Pit
02/20/2014 22:01		Bump Plug					592.0	
02/20/2014 22:06		Check Floats						Floats Good
02/20/2014 22:07		End Job						Thanks McBride and Crew

The Road to Excellence Starts with Safety

Sold To #: 300466		Ship To #: 3205297		Quote #:		Sales Order #: 901135688	
Customer: ANADARKO PETROLEUM CORP - EBUS				Customer Rep: 29, Majors			
Well Name: Scott			Well #: 28C-32 HZ		API/UWI #: 05-123-38431		
Field:		City (SAP): FIRESTONE		County/Parish: Weld		State: Colorado	
Contractor: Majors			Rig/Platform Name/Num: Majors 29				
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: FLING, MATTHEW			Srvc Supervisor: MCBRIDE, NATHAN			MBU ID Emp #: 313810	
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
ALVARADO, JOSE Angel	4.0	505918	MCBRIDE, NATHAN Charles	4.0	313810	TORREY, SPENCER Kenneth	4.0
Job				Job Times			
Formation Name						Date	Time
Formation Depth (MD)		Top	Bottom			Called Out	Time Zone
Form Type		BHST				On Location	
Job depth MD		1232. ft		Job Depth TVD		Job Started	
Water Depth				Wk Ht Above Floor		Job Completed	
Perforation Depth (MD)		From	To			Departed Loc	

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		10.0	bbl	8.5			5.0	
1	Fresh Water Spacer		12.0	bbl	8.33			5.0	
2	SwiftCem B2	SWIFTCem (TM) SYSTEM (452990)	384	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	12.0	Actual Displacement	74.6	Treatment	
Frac Gradient		15 Min		Spacers	22.0	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					

