

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

SEKICH STATE 9C-17 HZ

Majors 29

Post Job Summary

Cement Surface Casing

Date Prepared: 3/31/2014
Version: 1

Service Supervisor: PICKELL, CHRISTOPHER

Submitted by: PRUDHOMME, JOSHUA

HALLIBURTON

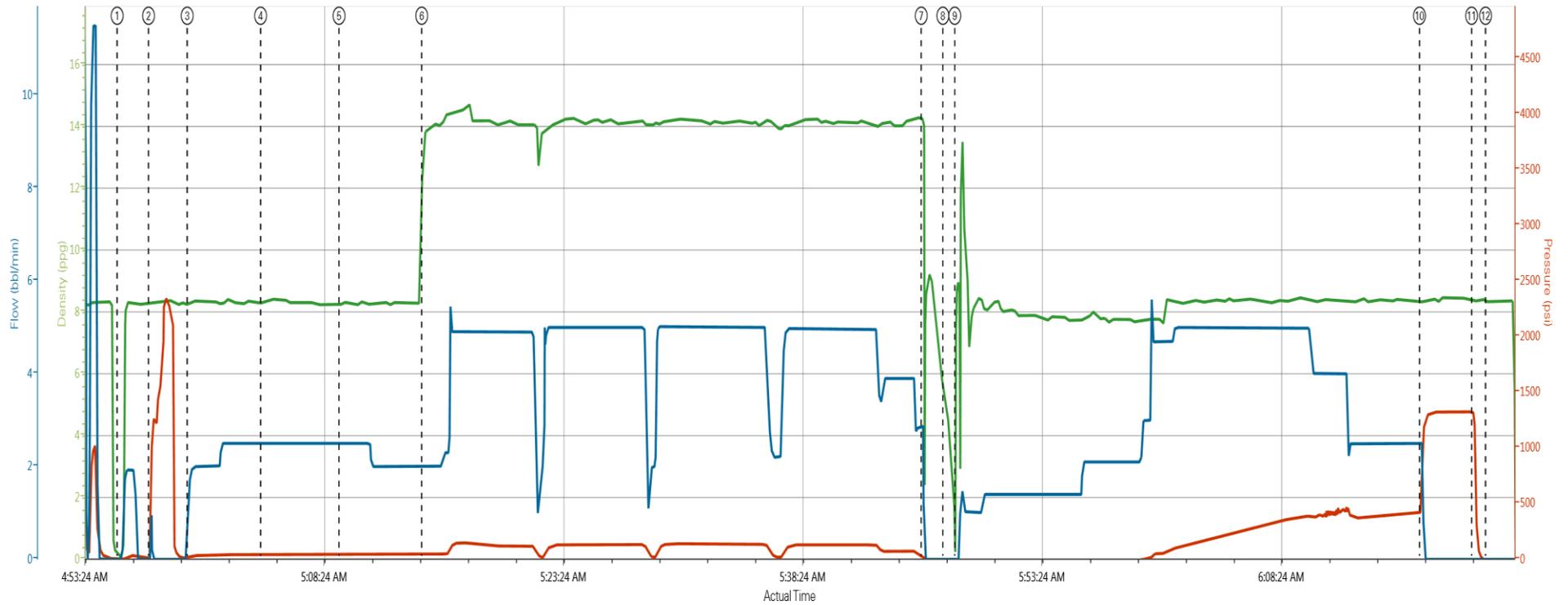
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	2.5	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	2.0	10.0 bbl	10.0 bbl
1	2	Cement Slurry	SwiftCem B2	14.2	5.0	499.0 sacks	499.0 sacks

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Data Acquisition

SEKICH STATE 9C-17HZ (9 5/8" SURFACE)



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

- ① Start Job 0.06;2.0 ④ Pump Mudflush 8.34;43;2.5 ⑦ Shutdown 14.25;32;2.8 ⑩ Bump Plug 8.33;499;2.5
- ② Test Lines 8.31;11;0 ⑤ Pump Water 8.25;46;2.5 ⑧ Drop Top Plug 5.34;-19;0 ⑪ Check Floats 8.37;1320;0
- ③ Pump Water 8.31;15;1.5 ⑥ Pump Swiftcem 14.2# 13.24;42;2 ⑨ Pump Displacement 8.71;-18;0 ⑫ End Job 8.33;-18;0

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
03/27/2014 23:00		Call Out					CREW CALLED OUT AT 2300 TO BE ON LOCATION AT 0200. CREW WAS CHRISTOPHER PICKELL, KEATON SIMMONS, ROY NESBITT, CHUCK MILLS
03/28/2014 01:30		Depart from Service Center or Other Site					SAFETY MEETING HELD FOR JOURNEY. LEAVE THE YARD FOR MAJOR 29
03/28/2014 02:00		Arrive At Loc					ARRIVE AT LOCATION ON TIME. RIG HAD JUST BEGUN RUNNING CASING. CASING ON BOTTOM AT 0315.
03/28/2014 02:15		Rig-Up Equipment					HAZARD HUNT PERFORMED. RIG UP PLANNED AND EXECUTED
03/28/2014 04:30		Pre-Job Safety Meeting					SAFETY MEETING HELD WITH RIG CREW TO DISCUSS JOB SAFETY AND PROCEDURE
03/28/2014 04:55		Start Job					QUICK LATCH PLUG CONTAINER USED ON JOB
03/28/2014 04:57		Test Lines	1	2		2500.0	PRESSURE TEST LINES TO 2500 PSI. CHECK FOR VISIBLE LEAKS AND PRESSURE LOSS
03/28/2014 04:59		Pump Spacer 1	2.5	10		75.0	PUMP WATER
03/28/2014 05:04		Pump Spacer 2	2.5	12		80.0	PUMP MUDFLUSH
03/28/2014 05:09		Pump Spacer 1	2	10		90.0	PUMP WATER
03/28/2014 05:14		Pump Cement	5	137		150.0	PUMP SWIFTCEM CEMENT 499 SKS 14.2 PPG 1.54 CUFT/SK 7.67 GAL/SK
03/28/2014 05:45		Shutdown					WASH PUMPS AND LINES ON TOP OF THE PLUG
03/28/2014 05:47		Drop Top Plug					PLUG PRELOADED. WITNESSED BY COMPANY MAN
03/28/2014 05:48		Pump Displacement	5	90.8		520.0	PUMP DISPLACEMENT USING WATER
03/28/2014 06:17		Bump Plug	2.5			499.0	CALCULATED PRESSURE TO LAND WAS 359. PLUG LANDED WITH 499 PSI GOING 500 OVER TO 1000 PSI.
03/28/2014 06:20		Check Floats				1320.0	PRESSURE WAS HELD FOR 3 MINUTES THEN RELEASED. FLOATS HELD. 1 BBL BACK TO TANKS
03/28/2014 06:21		End Job					ALL PREFLUSH AND 20 BBL CEMENT TO SURFACE
03/28/2014 06:30		Pre-Rig Down Safety Meeting					SAFETY MEETING HELD FOR RIG DOWN
03/28/2014 06:40		Rig-Down Equipment					BLOW DOWN AND RIG DOWN ALL EQUIPMENT
03/28/2014 07:30		Depart Location for Service Center or Other Site					LEAVE LOCATION FOR THE YARD

The Road to Excellence Starts with Safety

Sold To #: 300466		Ship To #: 3367962		Quote #:		Sales Order #: 901227103	
Customer: ANADARKO PETROLEUM CORP - EBUS				Customer Rep: Case, Randy			
Well Name: SEKICH STATE			Well #: 9C-17 HZ		API/UWI #: 05-123-39122-00		
Field:		City (SAP): PLATTEVILLE		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: GREGORY, JON			Srvc Supervisor: PICKELL, CHRISTOPHER			MBU ID Emp #: 396838	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MILLS, CHUCK	0.0	123456	NESBITT, ROY Iverson	0.0	537416	PICKELL, CHRISTOPHER Lee	0.0	396838
SIMMONS, KEATON J	0.0	524850						

Equipment

HES Unit #	Distance-1 way						
11019824C	25 mile	11341988C	25 mile	11605597	25 mile	11748359	25 mile
NA	25 mile						

Job

Job Times

Formation Name				Date	Time	Time Zone
Formation Depth (MD)	Top	Bottom		Called Out	27 - Mar - 2014	23:00 MST
Form Type	BHST			On Location	28 - Mar - 2014	02:00 MST
Job depth MD	1227. ft	Job Depth TVD	1227. ft	Job Started	28 - Mar - 2014	04:55 MST
Water Depth		Wk Ht Above Floor	4. ft	Job Completed	28 - Mar - 2014	06:21 MST
Perforation Depth (MD)	From	To		Departed Loc	28 - Mar - 2014	07:30 MST

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	Spacer	Fresh Water Spacer	10.0	bbl	8.33			2.5	
1	Spacer	Mud Flush	12.0	bbl	8.5			2.5	
1	Spacer	Fresh Water Spacer	10.0	bbl	8.33			2.0	
2	SwiftCem B2	SWIFCEM (TM) SYSTEM (452990)	499	sacks	14.2	1.54	7.64	5.0	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 20.0		Actual Displacement 90.8		Treatment	
Frac Gradient		15 Min		Spacers 32.0		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					

