

ANADARKO PETROLEUM CORP - EBUS

SEKICH STATE 16N-17HZ

Majors 42

Post Job Summary

Cement Surface Casing

Date Prepared: 4/13/2014
Version: 1

Service Supervisor: OTERI, VAUGHN

Submitted by: PRUDHOMME, JOSHUA

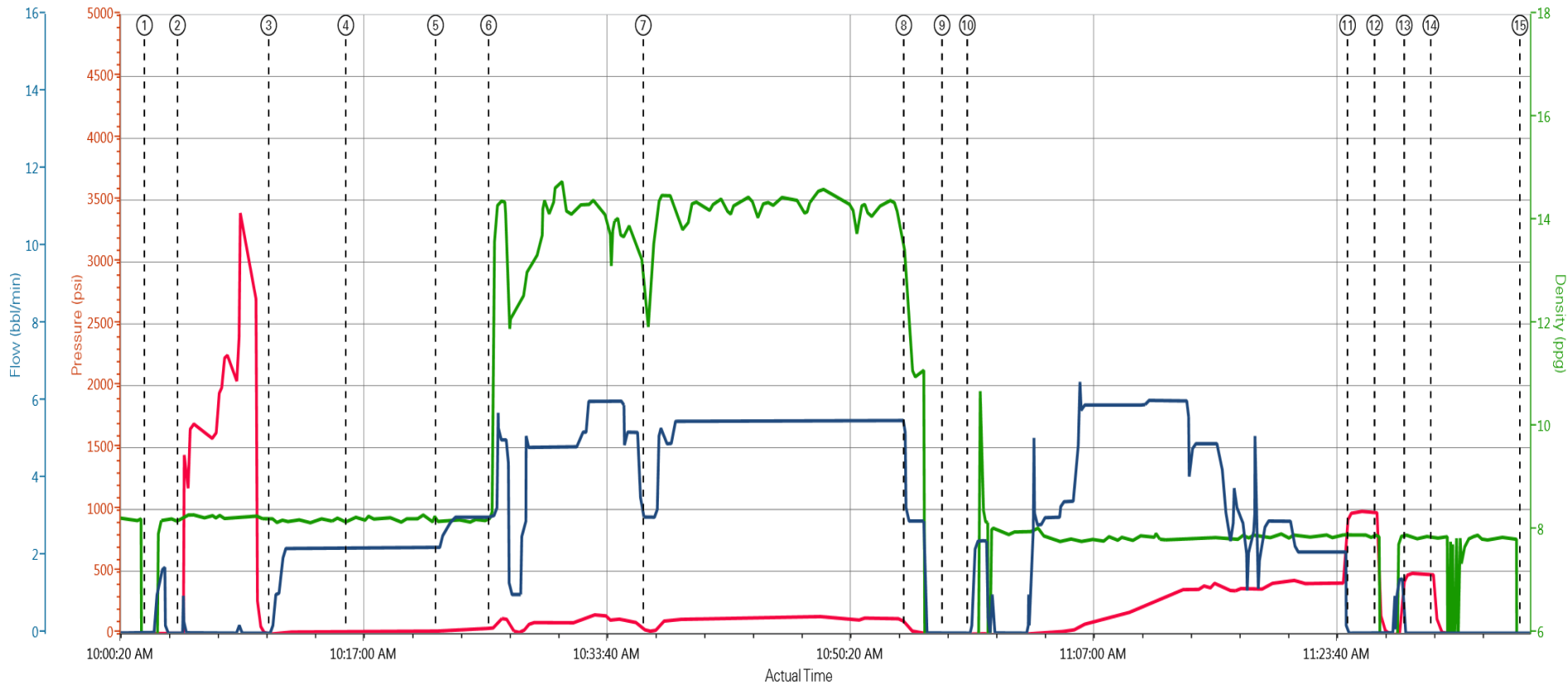
Pumping Schedule

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	2.2	10.0 bbl	10.0 bbl
2	2	Spacer	Mud Flush	8.50	2.2	12.0 bbl	12.0 bbl
3	1	Spacer	Fresh Water	8.33	3	10.0 bbl	10.0 bbl
4	3	Cement Slurry	SwiftCem B2	14.2	5.5	501.0 sacks	501.0 sacks

HALLIBURTON

Data Acquisition

ANADARKO SEKICH STATE 16N-17HZ SURFACE



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

- | | | | | |
|----------------------------|-----------------------------|-----------------------------|---------------------------------|---------------------------------|
| ① Start Job -6;0.17;0 | ④ Pump Spacer 2 11;8.15;2.2 | ⑦ Comment 22;12.3;3 | ⑩ Pump Displacement -18;-0.44;0 | ⑬ Pressure Up Well 468.87;7.9;0 |
| ② Test Lines -6;8.22;0 | ⑤ Pump Spacer 1 17;8.19;2.2 | ⑧ Shutdown 62;12.48;2.9 | ⑪ Bump Plug 964;7.89;0 | ⑭ Other 478;7.86;0 |
| ③ Pump Spacer 1 -10;8.26;0 | ⑥ Pump Cement 39;8.23;3 | ⑨ Drop Top Plug -17;-0.42;0 | ⑫ Other 974;7.91;0 | ⑮ End Job -10;-0.16;0 |

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)		Comments
03/31/2014 04:00		Call Out							CALL OUT FROM ARS OFFICE
03/31/2014 08:40		Arrive at Location from Service Center							ARRIVE ON LOCATION EARLY FOUND THEY ONLY HAD 15 JOINTS LEFT, MET WITH COMPANY REP TO DISCUSS JOB PROCESS AND CONCENS, HELD PRERIG UP MEETING WITH CREW AND BEGAN TO SPOT TRUCKS
03/31/2014 09:30		Casing on Bottom							ADVISED THAT CASING WAS ON BTOM AND WAS SAFE TO RIG UP TO THE RIG FLOOR
03/31/2014 10:01		Start Job							PRELOADED PLUG INTO CEMENT HEAD WITNESSED BY COMPANY REP, HELD PEJOB SAFTY MEETING IN DOG HOUSE TO DISCUSS JOB PROCESS AND ANY HAZARDS
03/31/2014 10:04		Test Lines						3280.0	PRESSURE TESTED PUMPS AND LINES FOUND NO LEAKS AND PRESSURE HELD GOOD
03/31/2014 10:10		Pump Spacer 1	2.2	10				10.0	PUMPED 10BBL OF FRESH WATER FROM FRAC TANK
03/31/2014 10:15		Pump Spacer 2	2.2	12				20.0	MIXED 12BBL OF MUD FLUSH
03/31/2014 10:21		Pump Spacer 1	3	10				22.0	PUMPED 10BBL OF FRESH WATER FROM FRAC TANK
03/31/2014 10:25		Pump Cement	5.5	137				122.0	MIXED 137BBL OF 14.2PPG SWIFTCEM
03/31/2014 10:55		Shutdown							
03/31/2014 10:56		Drop Top Plug							RELEASED PLUG WITNESSED BY COMPANY REP, (DIDN'T FEEL PLUG PASS)HAD TO BREAK CAP TO DOUBLE CHECK THAT PLUG WENT IT HAD LEFT THE CEMENT HEAD
03/31/2014 10:58		Pump Displacement	6	92				300.0	PUMPED 92BBL OF FRESH WATER
03/31/2014 11:24		Bump Plug	2						BUMPED PLUG 500PSI OVER FINAL PUMP PRESSURE
03/31/2014 11:26		Check Floats		1					RELEASED PRESSURE BACK TO PUMP TRUCK TO CHECK FLOATS, FLOATS HELD GOOD
03/31/2014 11:28		Pressure Up Well	1					500.0	PRESSURE UP ON CASING PER ANADARKO POLICY
03/31/2014 11:30		Release Casing Pressure							RELEASED PRESSURE BACK TO PUMP TRUCK
03/31/2014 11:33		End Job							

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3456601	Quote #:	Sales Order #: 901231479
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: PORTER, BOB	
Well Name: SEKICH STATE	Well #: 16N-17HZ	API/UWI #: 05-123-39162	
Field:	City (SAP): MEAD	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: GREGORY, JON		Srv Supervisor: OTERI, VAUGHN	MBU ID Emp #: 443828

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
DEY, JERRY A	0.0	505015	mills, chuck	0.0	777772	MULLER, MICHEL B	0.0	529830
OTERI, VAUGHN Steeves	0.0	443828						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10857080C	25 mile	11019824	25 mile	11341988C	25 mile	11633848	25 mile

Job

Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type			BHST	On Location	31 - Mar - 2014	08:40	MST
Job depth MD	1207. ft		Job Depth TVD	Job Started	31 - Mar - 2014	10:01	MST
Water Depth			Wk Ht Above Floor	Job Completed	31 - Mar - 2014	11:33	MST
Perforation Depth (MD)	From		To	Departed Loc	31 - Mar - 2014	12:30	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	Fresh Water		10.0	bbl	8.5			2.2	
1	Mud Flush		12.0	bbl	8.5			2.2	
1	Fresh water		10.0	bbl	8.5			3.0	
2	SwiftCem B2	SWIFTCM (TM) SYSTEM (452990)	501.0	sacks	14.2	1.54	7.64	5.5	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	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

