

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

SEKICH STATE 40N-17 HZ

**Majors 29**

## **Post Job Summary** **Cement Surface Casing**

Date Prepared: 4/2/2014  
Version: 1

Service Supervisor: NIELSON, BRANDON

Submitted by: TRIER, DEREK

**HALLIBURTON**

## ***Wellbore Geometry***

---

Job Tubulars					MD		TVD	
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	Top ft	Bottom ft
Casing	SURFACE CASING	9.63	8.921	36.00	0.00	1,211.00	0.00	1,211.00

# HALLIBURTON

## ***Pumping Schedule***

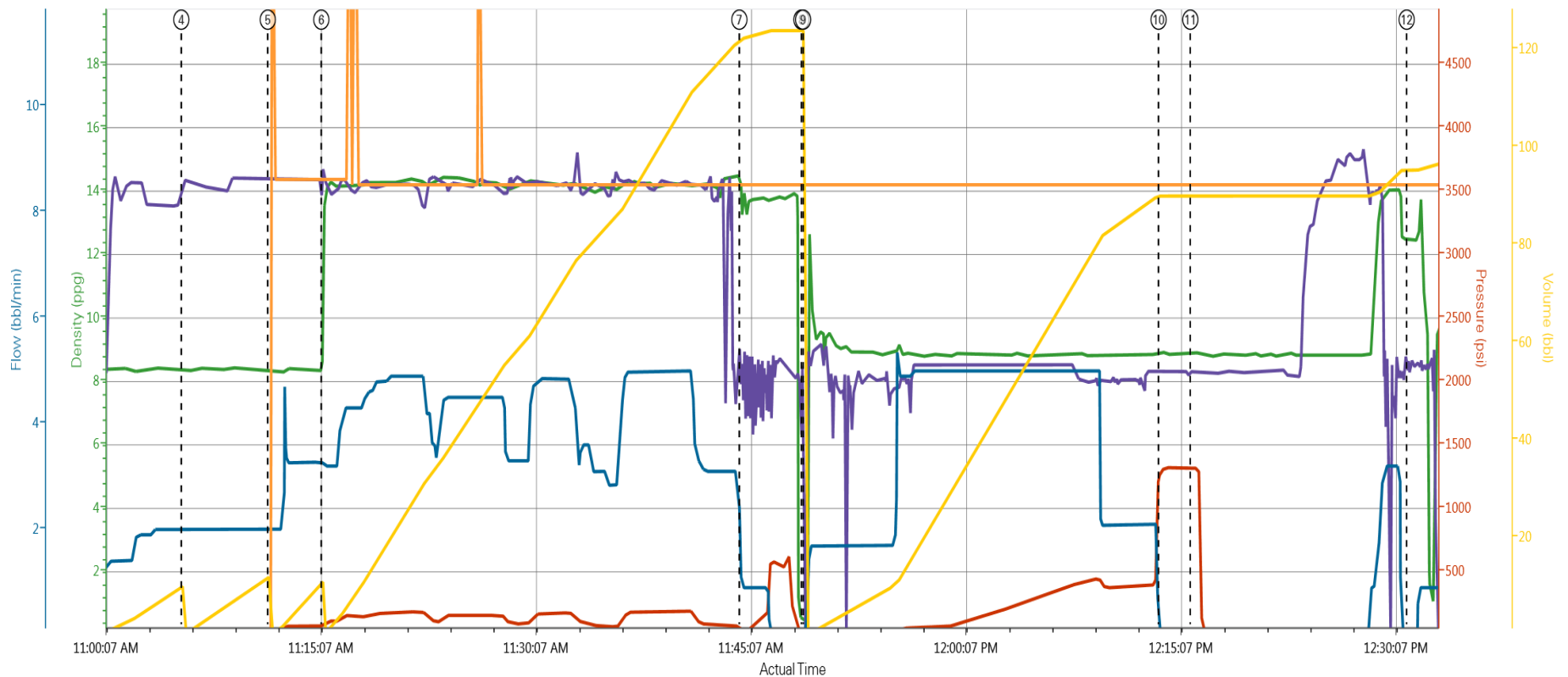
---

<b>Stage /Plug #</b>	<b>Fluid #</b>	<b>Fluid Type</b>	<b>Fluid Name</b>	<b>Surface Density lbm/gal</b>	<b>Avg Rate bbl/min</b>	<b>Surface Volume</b>	<b>Downhole Volume</b>
1	1	Spacer	Fresh Water Spacer	8.33	2.00	10.0 bbl	10.0 bbl
1	2	Spacer	Mud Flush	8.50	2.00	12.0 bbl	12.0 bbl
1	3	Spacer	Fresh Water Spacer	8.33	3.20	10.0 bbl	10.0 bbl
1	4	Cement Slurry	SwiftCem B2	14.20	5.00	476.0 sacks	476.0 sacks

# HALLIBURTON

## Data Acquisition

ANADARKO SEKICH STATE 40N-17 HZ



— DH Density (ppg)  
 — PS Pump Press (psi)  
 — Recirc Density (ppg)  
 — DS Pump Rate (bbl/min)  
 — Mudcup Density (ppg)  
 — Pump Stg Tot (bbl)

① Start Job 1.85;4;8.13;0;0;0	④ Pump Spacer 2 8.41;34;14.38;2;0;10.1	⑦ Shutdown 13.17;40;8.44;0;9;14.2;122.2	⑩ Bump Plug 8.9;1292;8.3;0;14.2;90
② Test Lines 8.37;11;8.32;0;0;1	⑤ Pump Spacer 1 8.35;40;14.38;2;0;12.1	⑧ Drop Top Plug 0.46;-12;8.34;0;14.2;123.9	⑪ Other 8.88;1317;8.36;0;14.2;90
③ Pump Spacer 1 8.37;12;8.39;0;0;1.1	⑥ Pump Lead Cement 12.58;76;14.31;3.3;14.37;0	⑨ Pump Displacement 0.49;-15;0.13;0;14.2;0	⑫ End Job 12.51;-21;8.25;0;14.2;95.3

# HALLIBURTON

## Service Supervisor Reports

### Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
03/29/2014 05:00		Call Out					
03/29/2014 07:50		Crew Leave Yard					
03/29/2014 08:30		Arrive At Loc					RIG WAS RUNNING CASING UPON ARRIVAL.
03/29/2014 08:45		Rig-Up Equipment					JSA WITH HALLIBURTON CREW AND RIGGED UP.
03/29/2014 10:40		Safety Meeting					JSA WITH ALL INVOLVED PERSONS.
03/29/2014 10:56		Start Job					
03/29/2014 10:57		Test Lines					TESTED LINES TO 3000 PSI NO VISIBLE LEAKS
03/29/2014 10:59		Pump Spacer 1	2	10		33.0	FRESH WATER
03/29/2014 11:05		Pump Spacer 2	2	12		41.0	MUD FLUSH
03/29/2014 11:11		Pump Spacer 1	3.2	10		83.0	FRESH WATER
03/29/2014 11:15		Pump Cement	5	130.5		130.0	476 SKS SWIFTCEN MIXED @ 14.2 PPG VARIFIED WITH PRESSURED MUD SCALES.
03/29/2014 11:44		Shutdown					
03/29/2014 11:49		Drop Top Plug					PLUG PRE LAODED WITNESSED BY COMPANY REP
03/29/2014 11:49		Pump Displacement	5	90.5		303.0	FRESH WATER. GOOD RETURNS THROUGHOUT. 1 BBL CEMENT BACK. Talked with randy and decided to blow all the pods down and pump it in the box, ended up with 4 bbl in the end.
03/29/2014 12:14		Bump Plug	2			410.0	CALCULATED PRESSURE TO LAND WAS 387 PSI
03/29/2014 12:16		Check Floats				1317.0	FLOATS HELD WIT .5 BBL BACK TO THE TRUCK.
03/29/2014 12:30		End Job					

## The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3360746	Quote #:	Sales Order #: 901229961
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Case, Randy	
Well Name: SEKICH STATE	Well #: 40N-17 HZ	API/UWI #: 05-123-39046-00	
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		Srv Supervisor: NIELSON, BRANDON	MBU ID Emp #: 479703

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
HARRAH, THADDEUS Gregory	5.0	552592	MILLER, GEOFFREY Alan	5.0	460232	NIELSON, BRANDON K	5.0	479703
STIELER, KENT	5.0	554541						

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11036301	22 mile	11338223	22 mile	11566182	22 mile	11812069C	22 mile
12010172	22 mile						

## Job

## Job Times

Formation Name							Date	Time	Time Zone	
Formation Depth (MD)		Top	Bottom			Called Out	29 - Mar - 2014	05:00	MST	
Form Type		BHST				On Location	29 - Mar - 2014	08:30	MST	
Job depth MD		1221. ft		Job Depth TVD		1221. ft	Job Started	29 - Mar - 2014	10:56	MST
Water Depth				Wk Ht Above Floor		4. ft	Job Completed	29 - Mar - 2014	12:30	MST
Perforation Depth (MD)		From	To			Departed Loc	29 - Mar - 2014	13:30	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
SURFACE CASING	Unknown		9.625	8.921	36.		J-55	.	1211.	.	1211.

## Fluid Data

## Stage/Plug #: 1

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer		10.00	bbl	8.33			2.0	
2	Mud Flush		12.00	bbl	8.5			2.0	
	3.33 lbm/bbl	MUD FLUSH III, 40 LB SACK (101633304)							
	0 gal/bbl	FRESH WATER							
3	Fresh Water Spacer		10.00	bbl	8.33			3.2	
4	SwiftCem B2	SWIFTCM (TM) SYSTEM (452990)	476.0	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	1.0	Actual Displacement	90.5	Treatment	
Frac Gradient		15 Min		Spacers	32	Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating		Mixing		Displacement	5.0	Avg. Job			
Cement Left In Pipe	Amount	39 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID		Frac ring # 2 @	ID		Frac Ring # 3 @	ID		Frac Ring # 4 @
The Information Stated Herein Is Correct				Customer Representative Signature					

