

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

Sickler 1N-34HZ

Majors 42

Post Job Summary **Cement Surface Casing**

Date Prepared: 7/16/2014
Version: 1

Service Supervisor: ELDER, DENNIS

Submitted by: LANSDALE, JUSTIN

HALLIBURTON

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Wellbore Geometry

Job Tubulars					MD		Shoe Joint Length ft
Type	Description	Size in	ID in	Wt lbm/ft	Top ft	Bottom ft	
Casing	9 5/8" Surface Casing	9.63	8.921	36.00	0.00	1,263.00	43.00
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1,273.00	0.00

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Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Surface Volume
1	1	Spacer	Fresh Water Spacer	8.33	10.0 BBL
1	2	Spacer	Mud Flush	8.40	12.0 BBL
1	3	Spacer	Fresh Water Spacer	8.33	10.0 BBL
1	4	Cement Slurry	SwiftCem B2	14.20	473.0 SACKS
1	5	DISPLACEMENT	Fresh Water	8.33	94 bbl

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Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	PS Pump Rate (bbl/min)	PS Pump Press (psi)	DS Pump Press (psi)	Comb Pump Rate (bbl/min)	Comment
Event	1	Call Out	Call Out	5/30/2014	18:00:00	USER						
Event	2	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	5/30/2014	22:00:00	USER						
Event	3	Leave from House	Leave from House	5/30/2014	22:10:00	USER						
Event	4	Arrive At Loc	Arrive At Loc	5/30/2014	23:00:00	USER						
Event	5	Pre-Rig Up Safety Meeting	Pre-Rig Up Safety Meeting	5/30/2014	23:05:00	USER	0.56	0.00	1.00	-3739.00	0.00	
Event	6	Start Job	Start Job	5/30/2014	23:14:23	COM5						
Event	7	Other	Other	5/30/2014	23:14:32	COM5						
Event	8	Prime Pumps	Prime Pumps	5/30/2014	23:14:57	COM5	9.03	1.10	5.00	-3739.00	1.10	
Event	9	Rig-Up Completed	Rig-Up Completed	5/31/2014	00:00:00	USER						
Event	10	Pre-Job Safety Meeting	Pre-Job Safety Meeting	5/31/2014	00:30:00	USER						
Event	11	Pump Spacer	Pump Spacer	5/31/2014	01:00:00	USER						Pumped 10 bbls fresh water
Event	12	Test Lines	Test Lines	5/31/2014	01:04:00	USER						Test Lines to 3000 psi. No leaks.
Event	13	Pump Spacer 1	Pump spacer	5/31/2014	01:07:00	USER						Pump 12 bbls mud flush III
Event	14	Pump Spacer	Pump Spacer	5/31/2014	01:12:00	USER						Pumped 10 bbls fresh water
Event	15	Pump Cement	Pump Cement	5/31/2014	01:15:00	USER						Pumped 473 sks CMT @ 14.2#/ 1.54yd/ 7.64 gal/sk.
Event	16	Shutdown	Shutdown	5/31/2014	01:48:00	USER						Shutdown to drop plug.
Event	17	Drop Plug	Drop Plug	5/31/2014	01:50:00	USER						Dropped 9.625 HWE top plug, and washed up on top.
Event	18	Pump Displacement	Pump Displacement	5/31/2014	01:51:00	USER						Pumped 94 bbls fresh water displacement. Cement to surface @ 78 bbls away. (16 bbls cement to surface).
Event	19	Bump Plug	Bump Plug	5/31/2014	02:22:00	USER						Final circulating pressure was 670 psi. Bumped 500 over to 1200 psi.
Event	20	Check Floats	Check Floats	5/31/2014	02:25:00	USER						Checked floats and they

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							held. We got 1.5 bbls back.
Event	21	Safety Meeting - Pre Rig-Down	Safety Meeting - Pre Rig-Down	5/31/2014	02:35:00	USER	
Event	22	Rig Down Lines	Rig Down Lines	5/31/2014	02:40:00	USER	
Event	23	Rig-Down Completed	Rig-Down Completed	5/31/2014	03:15:00	USER	
Event	24	Pre-Convoy Safety Meeting	Pre-Convoy Safety Meeting	5/31/2014	03:20:00	USER	
Event	25	Depart Location	Depart Location	5/31/2014	03:30:00	USER	This job was completed safely by Denny Elder and Crew. Thanks for choosing Halliburton Cementing.

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Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3475347	Quote #:	Sales Order #: 0901374457
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Bob Bulkenbush	
Well Name: SICKLER	Well #: 1N-34HZ	API/UWI #: 05-123-39376-00	
Field: WATTENBERG	City (SAP): IONE	County/Parish: WELD	State: COLORADO
Legal Description: SW SE-34-2N-67W-399FSL-1449FEL			
Contractor:		Rig/Platform Name/Num: MAJOR 42	
Job BOM: 7521			
Well Type: HORIZONTAL GAS		Srv Supervisor: Dennis Elder	
Sales Person: HALAMERICA\HX46524		Job	

Formation Name		Bottom	
Formation Depth (MD)	Top	BHST	
Form Type		Job Depth TVD	1273
Job depth MD	1273ft	Wk Ht Above Floor	
Water Depth			
Perforation Depth (MD)	From	To	

Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		9.625	8.921	36		J-55	0	1263	0	1263
Open Hole Section			13.5				0	1273	0	1273

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make	
Guide Shoe	9.625				Top Plug	9.625	1	HES	
Float Shoe	9.625	1	HES	1263	Bottom Plug	9.625			
Float Collar	9.625	1	HES	1220	SSR plug set	9.625			
Insert Float	9.625				Plug Container	9.625			
Stage Tool	9.625				Centralizers	9.625			

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 /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	Spacer	Water	10	bbl	8.33				
Stage/Plug #: 2									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft ³ /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	Mud Flush III (Powder)	Mud Flush III	12	bbl	8.4			5	
42 gal/bbl			FRESH WATER						

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Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
3	Spacer	Water	10	bbl	8.33					
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
4	Lead Cement	SWIFCEM (TM) SYSTEM	473	sack	14.2	1.54		6	7.64	
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft3/sack	Mix Fluid Gal	Rate bbl/mi n	Total Mix Fluid Gal	
5	Displacement	Displacement	94	bbl	8.33					
Cement Left In Pipe				Amount		43 ft		Reason		Shoe Joint
Comment										