

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

Elliott State 1N-17HZ

Majors 42

Post Job Summary **Cement Surface Casing**

Date Prepared: 3/4/2014
Version: 1

Service Supervisor: OTERI, VAUGHN

Submitted by: TRIER, DEREK

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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	1,008.00	43.00
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1,008.00	0.00

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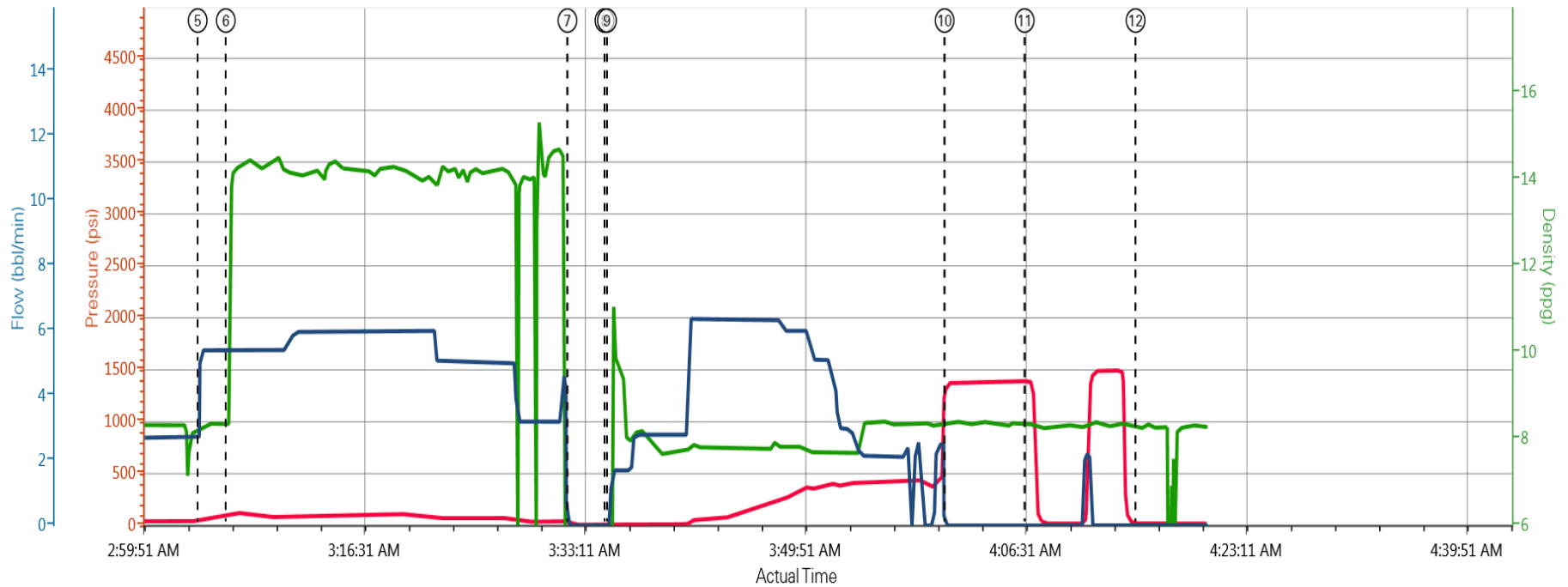
Pumping Schedule

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	3.00	10.0 bbl	10.0 bbl
1	2	Spacer	Mud Flush	8.40	3.00	12.0 bbl	12.0 bbl
1	1	Spacer	Fresh Water Spacer	8.33	3.00	10.0 bbl	10.0 bbl
1	3	Cement Slurry	SwiftCem B2	14.20	6.00	470.0 sacks	470.0 sacks

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Data Acquisition

ANADARKO ELLIOTT 1N-17HZ SURFACE



① Start Job 30;8.49;1.8 ④ Pump Spacer 2 40;8.31;2.7 ⑦ Shutdown 11;-0.02;0 ⑩ Bump Plug 1361;8.31;0
 ② Test Lines 14;8.59;0 ⑤ Pump Spacer 1 63;8.24;5.4 ⑧ Drop Top Plug 6;-0.36;0 ⑪ Other 1391;8.36;0
 ③ Pump Spacer 1 34;8.58;0 ⑥ Pump Cement 90;8.35;5.4 ⑨ Pump Displacement 7;-0.4;0 ⑫ End Job 19;8.24;0

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Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
02/14/2014 21:00		Call Out					CALL OUT FROM ARS OFFICE
02/15/2014 01:00		Arrive at Location from Service Center					ARRIVE ON LOCATION MET WITH COMPANY REP (LARRY) TO DISCUSS JOB PROCESS AND ANY CONCERNS
02/15/2014 01:30		Casing on Bottom					ADVISED BY RIG CREW CASING WAS ON BOTTOM AND WAS SAFE TO RIG UP TO RIG FLOOR
02/15/2014 02:47		Start Job					PRELOADED PLUG INTO CEMENT HEAD WITNESSED BY COMPANY REP (LARRY)
02/15/2014 02:48		Test Lines				3000.0	PRESSURE TESTED PUMPS AND LINES FOUND NO LEAKS AND PRESSURE HELD GOOD
02/15/2014 02:49		Pump Spacer 1	3	10		35.0	PUMPED FRESH WATER
02/15/2014 02:54		Pump Spacer 2	3	12		68.0	MIXED MUD FLISH WITH FRESH WATER
02/15/2014 03:00		Pump Spacer 1	3	10		68.0	PUMPED FRESH WATER
02/15/2014 03:02		Pump Cement	6	128		100.0	MIXED 14.2 SWFTCEM WITH FRESH WATER
02/15/2014 03:28		Shutdown					
02/15/2014 03:31		Drop Top Plug					RELEASE PLUG WITNESSED BY COMPANY REP (LARRY)
02/15/2014 03:32		Pump Displacement	6.3	92.8		120.0	PUMPED FRESH WATER TO DISPLACE CEMENT,GOT 32BBLs OF SPACER BACK TO SURFACE AND 7BBL OF CEMENT BACK TO SURFACE
02/15/2014 03:56		Bump Plug	2			420.0	BUMP PLUG 1000PSI OVER FINAL PUMP PRESSURE
02/15/2014 04:02		Check Floats		0.5		1481.0	RELEASE PRESSURE BACK TO PUMP TRUCK TO CHECK FLOATS , FLOATS HELD GOOD
02/15/2014 04:11		End Job					

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3274566	Quote #:	Sales Order #: 901116056
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Case, Randy	
Well Name: Elliott State		Well #: 1N-17HZ	API/UWI #: 05-123-38630
Field: WATTENBERG	City (SAP): PLATTEVILLE	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		Srvc 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 #
HARRAH, THADDEUS Gregory	0.0	552592	MAYFIELD, BYRON L	0.0	528751	OTERI, VAUGHN Steeves	0.0	443828
robinson, troy	0.0	777779						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248053C	20 mile	10829457	20 mile	11064046C	20 mile	11362287C	20 mile

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Wk Ht Above Floor	Perforation Depth (MD)	From	To
				BHST	1075. ft	1075. ft				

Job Times

Called Out	Date	Time	Time Zone
14 - Feb - 2014	21:00	MST	
On Location	15 - Feb - 2014	12:45	MST
Job Started	15 - Feb - 2014	02:47	MST
Job Completed	15 - Feb - 2014	04:11	MST
Departed Loc	15 - Feb - 2014	05:30	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 Spacer		10.00	bbl	8.33			3.0	
2	Mud Flush		12.00	bbl	8.4			3.0	
3.5 lbm/bbl		MUD FLUSH III, 40 LB SACK (101633304)							
42 gal/bbl		MUD FLUSH III - SBM (528788)							
1	Fresh Water Spacer		10.00	bbl	8.33			3.0	
3	SwiftCem B2	SWIFTCEN (TM) SYSTEM (452990)	470.0	sacks	14.2	1.54	7.66	6.0	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		7.0	Actual Displacement	92.8	Treatment
Frac Gradient		15 Min		Spacers		32.0	Load and Breakdown	Total Job	
Rates									
Circulating		Mixing		Displacement		6.3	Avg. Job		
Cement Left In Pipe		Amount	45 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					

