

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

Badding 26N-26HZ

Majors 29

Post Job Summary **Cement Surface Casing**

Date Prepared: 12/18/2013
Version: 1

Service Supervisor: WHIPPLE, WESLEY

Submitted by: PRUDHOMME, JOSHUA

HALLIBURTON

HALLIBURTON

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	1,337.00	42.66
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1,337.00	0.00

HALLIBURTON

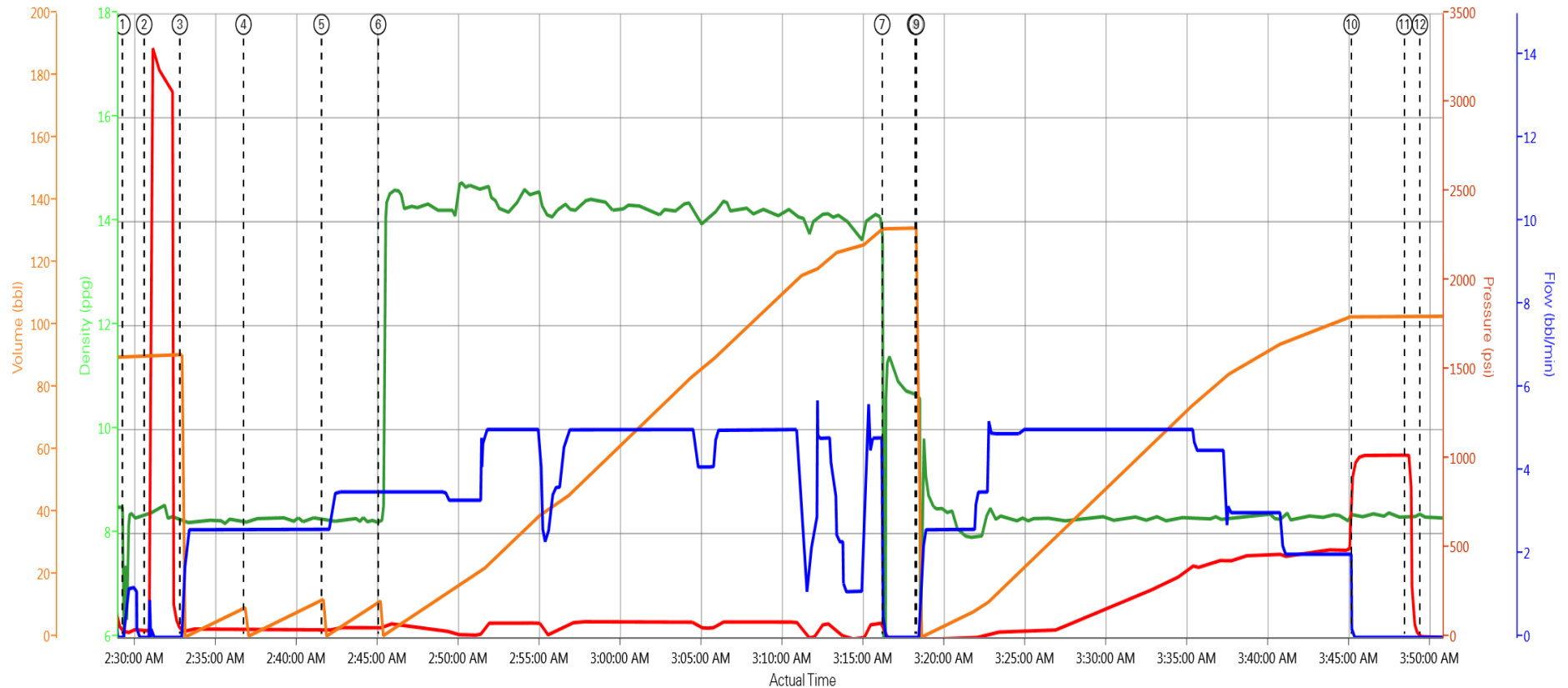
Pumping Schedule

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	2	Spacer	Mud Flush	8.4	2.5	12.0 bbl	12.0 bbl
1	3	Spacer	WATER SPACER	8.33	3	10.0 bbl	10.0 bbl
1	4	Cement Slurry	SwiftCem B2	14.2	5	500.0 sacks	500.0 sacks

HALLIBURTON

Data Acquisition

ANADARKO BADDING 26N-26HZ



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

- | | | | |
|-------------------------------|--------------------------------|-----------------------------------|----------------------------|
| ① Start Job 6.87;29;89.9;0 | ④ Pump Spacer 2.821;47;9.7;2.6 | ⑦ Shutdown 0.11;32;131.3;0 | ⑩ Bump Plug 8.36;949;103;0 |
| ② Test Lines 8.37;32;90.6;0 | ⑤ Pump Spacer 1.826;42;0;2.6 | ⑧ Drop Top Plug 10.68;-15;131.3;0 | ⑪ Other 8.38;1023;103;0 |
| ③ Pump Spacer 1.818;36;90.7;0 | ⑥ Pump Cement 8.23;54;11.7;3.5 | ⑨ Pump Displacement 10.6;-15;0;0 | ⑫ End Job 8.34;1;103;0 |

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)	Comments
11/17/2013 19:30		Call Out						CREW CALLED OUT FROM ARS OFFICE @ 1930
11/17/2013 22:30		Crew Leave Yard						CREW PRE TRIPPED TRUCKS AND HELD A PRE JOURNEY SAFETY HUDDLE PRIOR TO LEAVING FOR LOCATION.
11/17/2013 23:10		Arrive At Loc						CREW ARRIVED TO LOCATION, MET WITH COMPANY REP, PERFORMED A HAZARD HUNT AND HELD A PRE RIG UP SAFETY HUDDLE
11/17/2013 23:40		Rig-Up Equipment						SPOTTED IN PUMPING AND BULK EQUIPMENT AND COMMENCED RIG UP OF IRON
11/18/2013 00:30		Casing on Bottom						CASING WAS SET ON BOTTOM @
11/18/2013 02:00		Safety Meeting						HELD A PRE JOB SAFETY MEETING WITH ALL HANDS ON LOCATION TO DISCUSS THE JOBS PROCESS AND PROCEDURES
11/18/2013 02:28		Start Job						
11/18/2013 02:30		Test Lines					3000.0	PRESSURE TESTED PUMPS AND LINES TO 3000PSI, FOUND NO LEAKS AND PRESSURE HELD
11/18/2013 02:32		Pump Spacer 1	2.5	10			50.0	PUMPED FRESH WATER FROM LAY DOWN TANK
11/18/2013 02:36		Pump Spacer 2	2.5	12			41.0	MIXED MUD FLUSH WITH FRESH WATER FROM LAY DOWN TANK
11/18/2013 02:41		Pump Spacer 1	3.5	10			55.0	PUMPED FRESH WATER FROM LAY DOWN TANK
11/18/2013 02:44		Pump Cement	5	137.13			120.0	MIXED AND PUMPED 500 SKS OF SWIFTCM @ 14.2 PPG
11/18/2013 03:15		Shutdown						
11/18/2013 03:17		Drop Top Plug						DROPPED TOP PLUG WITNESSED BY COMPANY REP.
11/18/2013 03:17		Pump Displacement	5	99.87			269.0	PUMPED FRESH WATER DISPLACEMENT FROM LAY DOWN TANK. RECIEVED 20BBLs OF CEMENT BACK TO SURFACE
11/18/2013 03:44		Bump Plug						BUMPED PLUG AND TOO 500PSI OVER FINAL PUMPING PRESSURE, HELD PRESSURE AT 1028
11/18/2013 03:47		Check Floats						RELEASED PRESSURE BACK TO PUMP TRUCK, RECIEVED 3/4 BBLs BACK AND FLOATS HELD
11/18/2013 03:48		End Job						

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3201434	Quote #:	Sales Order #: 900906817
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Case, Randy	
Well Name: Badding		Well #: 26N-26HZ	API/UWI #: 05-123-38336
Field: Wattenberg	City (SAP): FORT LUPTON	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: PLIENESS, RYAN		Srvc Supervisor: WHIPPLE, WESLEY	MBU ID Emp #: 518611

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GRIFFITHS, ZACHARY Sakae	5.3	551430	JOHNSON, BRANDON Matthew	5.3	545534	NIELSON, BRANDON K	5.3	479703
WHIPPLE, WESLEY Morgan	5.3	518611						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10679720C	10 mile	11338223	10 mile	11812069C	10 mile	12010172	10 mile
53301	10 mile						

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
TOTAL	Total is the sum of each column separately							

Job

Formation Name							Date	Time	Time Zone	
Formation Depth (MD)		Top			Bottom		Called Out	17 - Nov - 2013	19:30	MST
Form Type				BHST			On Location	17 - Nov - 2013	11:10	MST
Job depth MD		1251. ft		Job Depth TVD		1337. ft	Job Started	18 - Nov - 2013	02:28	MST
Water Depth				Wk Ht Above Floor		3. ft	Job Completed	18 - Nov - 2013	03:48	MST
Perforation Depth (MD)		From			To		Departed Loc	18 - Nov - 2013	04:30	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
13 1/2" Open Hole Section				13.5				.	1337.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1337.		

Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk

1	Fresh Water Spacer		10.00	bbl	8.33			2.5	
2	Mud Flush		12.00	bbl	8.4			2.5	
3.5 lbm/bbl		MUD FLUSH III, 40 LB SACK (101633304)							
42 gal/bbl		MUD FLUSH III - SBM (528788)							
3	WATER SPACER		10.00	bbl	8.33			3	
4	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)	500.0	sacks	14.2	1.53	7.63	5	7.63
7.63 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	100	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns	20	Actual Displacement	100	Treatment	
Frac Gradient		15 Min		Spacers	32	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	42.66 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					

