

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

Badding 27N-26HZ

**Majors 29**

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

Date Prepared: 11/30/2013  
Version: 1

Service Supervisor: VIGIL, NICHOLAS

Submitted by: TRIER, DEREK

**HALLIBURTON**

# HALLIBURTON

## Wellbore Geometry

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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	1,195.00	45.00
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1,198.00	0.00

# HALLIBURTON

## ***Pumping Schedule***

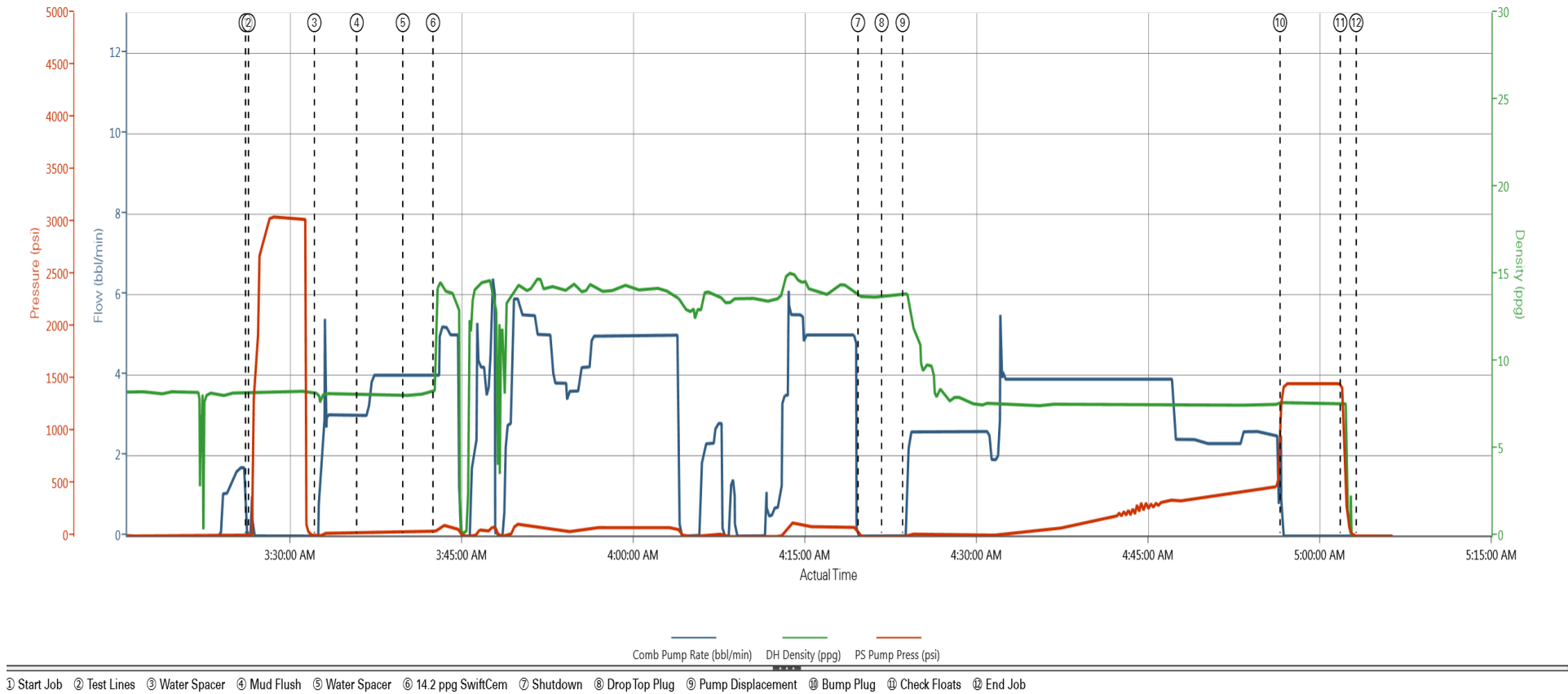
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Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Avg Rate bbl/min	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	3.00	10.0 bbl	10.0 bbl
1	2	Spacer	Mud Flush	8.40	4.00	12.0 bbl	12.0 bbl
1	1	Spacer	Fresh Water Spacer	8.33	4.00	10.0 bbl	10.0 bbl
1	3	Cement Slurry	SwiftCem B2	14.20	5.00	495.0 sacks	495.0 sacks

# HALLIBURTON

## Data Acquisition

Anadarko Badding 27N-26HZ



▼ HALLIBURTON | iCem® Service

Created: 2013-11-28 02:16:22, Version: 2.0.606

Edit

Customer: ANADARKO PETROLEUM CORP - EBUS

Job Date: 11/28/2013 2:19:07 AM

Well: Badding 27N-26HZ

Representative: Nicholas Vigil

Sales Order #: 900929131

# HALLIBURTON

## Service Supervisor Reports

### Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump		Pressure (psig)		Comments
11/28/2013 01:20		Arrive At Loc							On location time was 0200. Rig still had about 8 joints of casing left to run
11/28/2013 01:25		Assessment Of Location Safety Meeting							Hazard hunt, Rig up safety meeting, Water test
11/28/2013 01:35		Rig-Up Equipment							
11/28/2013 02:20		Rig-Up Completed							Rig Still had to circulate for about 45 minutes
11/28/2013 03:10		Pre-Job Safety Meeting							Held safety meeting with all personnel on location
11/28/2013 03:26		Start Job							
11/28/2013 03:26		Test Lines							Pressure tested lines to 3000 psi
11/28/2013 03:32		Pump Spacer 1	3	10				25.0	Water Spacer
11/28/2013 03:35		Pump Spacer 2	4	12				40.0	Mud Flush
11/28/2013 03:40		Pump Spacer 1	4	10				44.0	Water Spacer
11/28/2013 03:42		Pump Cement	5	135.7				84.0	14.2 ppg SwiftCem (495 sks), weight was verified by scale, Had multiple issues while mixing cement had to shut down several times to keep density
11/28/2013 04:19		Shutdown							
11/28/2013 04:21		Drop Top Plug							Plug was pre loaded
11/28/2013 04:23		Pump Displacement	4	50				135.0	Displaced using fresh water
11/28/2013 04:56		Bump Plug	2.5	102.5				450.0	Bumped plug 1000 psi over final lift bringing our final pressure up to 1450 psi, We got 13 bbl of cement to surface
11/28/2013 05:01		Check Floats							Floats held
11/28/2013 05:03		End Job							Rig down safety meeting
11/28/2013 05:10		Rig-Down Equipment							
11/28/2013 06:00		Rig-Down Completed							

## The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3204351	Quote #:	Sales Order #: 900929131
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Balkenbush, Bob	
Well Name: Badding		Well #: 27N-26HZ	API/UWI #: 05-123-38406
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: GREGORY, JON	Srvc Supervisor: VIGIL, NICHOLAS		MBU ID Emp #: 443481

## Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ALVARADO, JOSE Angel	0.0	505918	ROMERO, JOSEPH M	0.0	512137	SCILEPPI, JOSEPH Dean	0.0	555492
VIGIL, NICHOLAS Joseph	0.0	443481						

## Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10866497C	15 mile	11064535	15 mile	11398490	15 mile	11562570C	15 mile
12010168	15 mile						

## Job

## Job Times

Formation Name				Date	Time	Time Zone
Formation Depth (MD)	Top	Bottom		Called Out	27 - Nov - 2013	22:00 MST
Form Type	BHST			On Location	28 - Nov - 2013	01:20 MST
Job depth MD	1198. ft			Job Started	28 - Nov - 2013	03:26 MST
Water Depth	Wk Ht Above Floor			Job Completed	28 - Nov - 2013	05:03 MST
Perforation Depth (MD)	From	To		Departed Loc	28 - Nov - 2013	06:00 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				.	1198.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1195.		

Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CMT CASING EQUIPMENT BOM	1	JOB		
MILEAGE FOR CEMENTING CREW,ZI	20	MI		
ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	20	MI		
KIT,HALL WELD-A	1	EA		
Description	Qty	Qty uom	Depth	Supplier
CNTRLZR, 9 5/8"x13 3/4',#500-0963-1375	8	EA		
BASKET - CEMENT - 9-5/8 CSG X 12-1/4	1	EA		
PLUG,CMTG,TOP,9 5/8,HWE,8.16 MIN/9.06 MA	1	EA		
COLLAR-STOP-9 5/8"-FRICTION-HINGED	2	EA		

## 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			3.0	
2	Mud Flush		12.00	bbl	8.4			4.0	
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			4.0	
3	SwiftCem B2	SWIFTCM (TM) SYSTEM (452990)	495.0	sacks	14.2	1.54	7.66	5.0	7.66
7.66 Gal		FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	102.5	Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns	13	Actual Displacement	102.5	Treatment	
Frac Gradient		15 Min		Spacers	32	Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		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					

