

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

Badding 35N-2HZ

Majors 29

Post Job Summary **Cement Surface Casing**

Date Prepared:
Version: 12/11/2013

Service Supervisor: NIELSON, BRANDON

Submitted by: GROVES, COREY

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	1,172.00	43.00
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1,182.00	0.00

HALLIBURTON

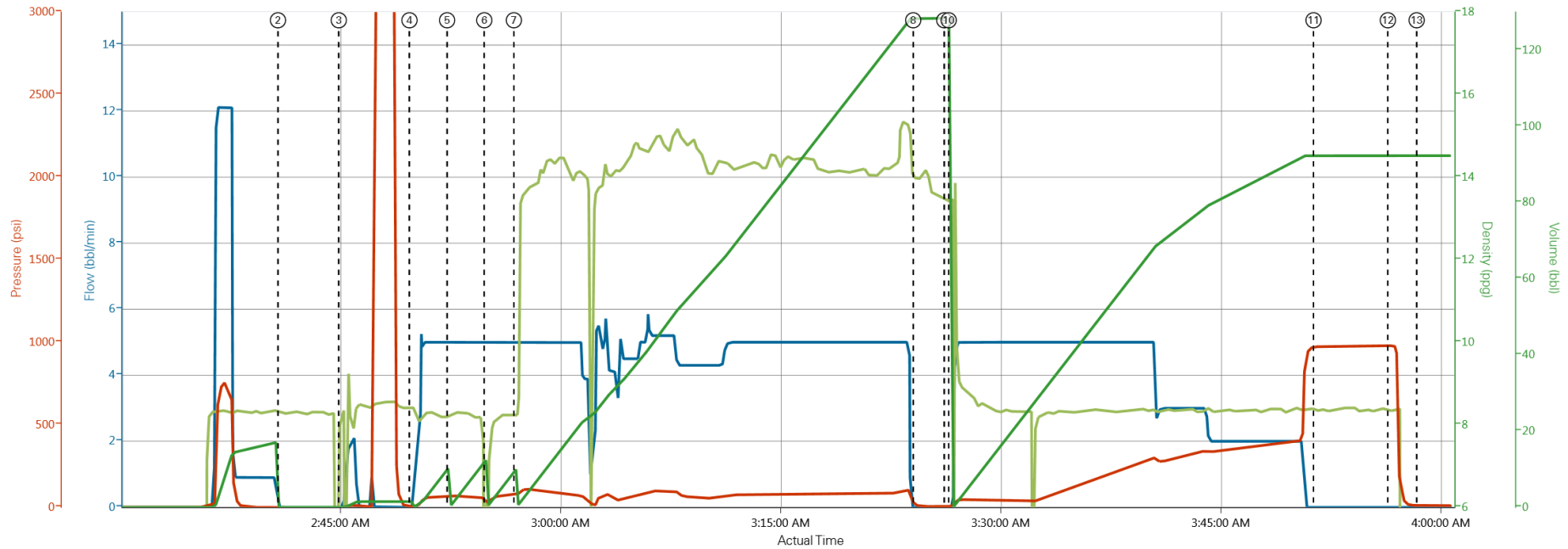
Pumping Schedule

Stage /Plug #	Fluid #	Fluid Type	Fluid Name	Surface Density lbm/gal	Surface Volume	Downhole Volume
1	1	Spacer	Fresh Water Spacer	8.33	10.0 bbl	10.0 bbl
1	2	Spacer	Mud Flush	8.40	12.0 bbl	12.0 bbl
1	3	Spacer	FRESH WATER SPACER	8.33	10.0 bbl	10.0 bbl
1	4	Cement Slurry	SwiftCem B2	14.20	443.0 sacks	443.0 sacks

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Data Acquisition

ANADARKO BADDING 35N-2HZ



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

① Pause n/a;n/a;n/a;n/a ④ Pump Spacer 1 0;8.43;2;0 ⑦ Pump Cement 5;8.23;81;10.1 ⑩ Pump Displacement 0;13.44;6;0 ⑬ End Job 0;-0.09;11;92.3
 ② Start Job 0;8.32;0;0 ⑤ Pump Spacer 2 5;8.21;66;0 ⑧ Shutdown 0;13.96;14;128.4 ⑪ Bump Plug 0;8.29;973;92.3
 ③ Test Lines 0;8.2;-3;0 ⑥ Pump Spacer 1 5;3.75;31;12.7 ⑨ Drop Top Plug 0;13.46;6;128.4 ⑫ Other n/a;n/a;n/a;n/a

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pressure (psig)	Comments
11/07/2013 16:50		Call Out				CREW CALLED OUT @ 1650
11/07/2013 19:46		Crew Leave Yard				CREW LEFT YARD EN ROUTE TO LOCATION
11/07/2013 20:15		Arrive At Loc				CREW ARRIVED ON LOCATION, PERFORMED SAFETY HUDDLE AND HAZARD HUNT
11/08/2013 00:00		Rig-Up Equipment				COMMENCED RIG UP OF PUMPING AND BULK EQUIPMENT
11/08/2013 01:15		Casing on Bottom				CASING ON BOTTOM @ 0115
11/08/2013 02:20		Safety Meeting				HELD A PREJOB SAFETY MEETING WITH ALL HANDS ON LOCATION AND DISCUSSED JOB PROCEDURES
11/08/2013 02:41		Start Job				
11/08/2013 02:47		Test Lines				PRESSURE TESTED PUMPS AND LINES TO 3000PSI, FOUND NO VISABLE LEAKS AND PRESSURE HELD GOOD
11/08/2013 02:49		Pump Spacer 1	5	10	70.0	PUMPED 10BBLS OF FRESH WATER SPACER FROM FRAC TANK
11/08/2013 02:53		Pump Spacer 2	5	12	45.0	PUMPED 12BBLS OF MUD FLUSH SPACER
11/08/2013 02:55		Pump Spacer 1	5	10	100.0	PUMPED 10BBLS OF FRESH WATER SPACER FROM FRAC TANK
11/08/2013 02:57		Pump Cement	5	121.5	100.0	MIXED AND PUMPED BBLS OF 14.2PPG SWIFTCM
11/08/2013 03:24		Shutdown				
11/08/2013 03:26		Drop Top Plug				DROPPED TOP PLUG WITNESSED BY COMPANY REP
11/08/2013 03:27		Pump Displacement	5	88.1	235.0	PUMPED BBLS OF FRESH WATER DISPLACEMENT FROM FRAC TANK
11/08/2013 03:50		Bump Plug				BUMPED PLUG AT 415PSI AND TOOK 500PSI OVER FINAL PUMPING PRESSURE. HELD PRESSURE AT 979
11/08/2013 03:57		Check Floats				RELEASED PRESSURE BACK TO PUMP TRUCK, RECIEVED BBL BACK AND FLOATS HELD GOOD
11/08/2013 03:59		End Job				

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3196552	Quote #:	Sales Order #: 900879729
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Balkenbush, Bob	
Well Name: Badding		Well #: 35N-2HZ	API/UWI #: 05-123-38285
Field: WATTENBERG	City (SAP): FORT LUPTON	County/Parish: Weld	State: Colorado
Lat: N 40.045 deg. OR N 40 deg. 2 min. 41.6 secs.		Long: W 104.713 deg. OR W -105 deg. 17 min. 14.568 secs.	
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: 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 #
LANGE, TIMOTHY Paul	8.3	520811	NIELSON, BRANDON K	0.0	479703	SCILEPPI, JOSEPH Dean	8.3	555492
WHIPPLE, WESLEY Morgan	8.3	518611						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10248053C	10 mile	11764054C	10 mile	11764737	10 mile	11812069C	10 mile
12010172	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

Job Times

Formation Name					Date	Time	Time Zone
Formation Depth (MD)	Top		Bottom		Called Out	07 - Nov - 2013	16:30 MST
Form Type	BHST				On Location	07 - Nov - 2013	20:14 MST
Job depth MD	1182. ft		Job Depth TVD	1182. ft	Job Started	08 - Nov - 2013	02:41 MST
Water Depth			Wk Ht Above Floor	3. ft	Job Completed	08 - Nov - 2013	03:59 MST
Perforation Depth (MD)	From		To		Departed Loc	08 - 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				.	1182.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1172.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
CMT CASING EQUIPMENT BOM	1	JOB		
MILEAGE FOR CEMENTING CREW,ZI	20	MI		
Description	Qty	Qty uom	Depth	Supplier

ZI FUEL SURCHG-CARS/PICKUPS<1 1/2TON	20	MI		
KIT,HALL WELD-A	1	EA		
CNTRLZR, 9 5/8'x13 3/4',#500-0963-1375	7	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 ft3/sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water Spacer		10.00	bbl	8.33			5.0	
2	Mud Flush		12.00	bbl	8.4			5.0	
	3.5 lbm/bbl	MUD FLUSH III, 40 LB SACK (101633304)							
	42 gal/bbl	MUD FLUSH III - SBM (528788)							
3	FRESH WATER SPACER		10.00	bbl	8.33			5.0	
4	SwiftCem B2	SWIFTCM (TM) SYSTEM (452990)	443.0	sacks	14.2	1.53	7.63	5.0	7.63
	7.63 Gal	FRESH WATER							

Rates

Circulating		Mixing		Displacement		Avg. Job	
Cement Left In Pipe	Amount	43 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
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