

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

Gobbler 35N-27HZ

Major 42

Post Job Summary

Cement Surface Casing

Prepared for:
Date Prepared: 8/18/2013
Version: 1

Service Supervisor: VIGIL, NICHOLAS

Submitted by: FINNEY, SEAN

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	1,096.44	42.00
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1,099.00	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	3.00	10.0 bbl	10.0 bbl
1	2	Spacer	Mud Flush	8.40	3.00	12.0 bbl	12.0 bbl
1	3	Cement Slurry	SwiftCem B2	14.20	5.00	396.0 sacks	396.0 sacks

Fluids Pumped

Stage/Plug # 1 Fluid 1: Fresh Water Spacer
DUMMY MUD / FLUSH / SPACER SBC MATERIAL

Fluid Density: 8.33 lbm/gal
Pump Rate: 3.00 bbl/min

Stage/Plug # 1 Fluid 2: Mud Flush
DUMMY MUD / FLUSH / SPACER SBC MATERIAL

42 gal/bbl Mud Flush III
3.33 lbm/bbl Mud Flush III

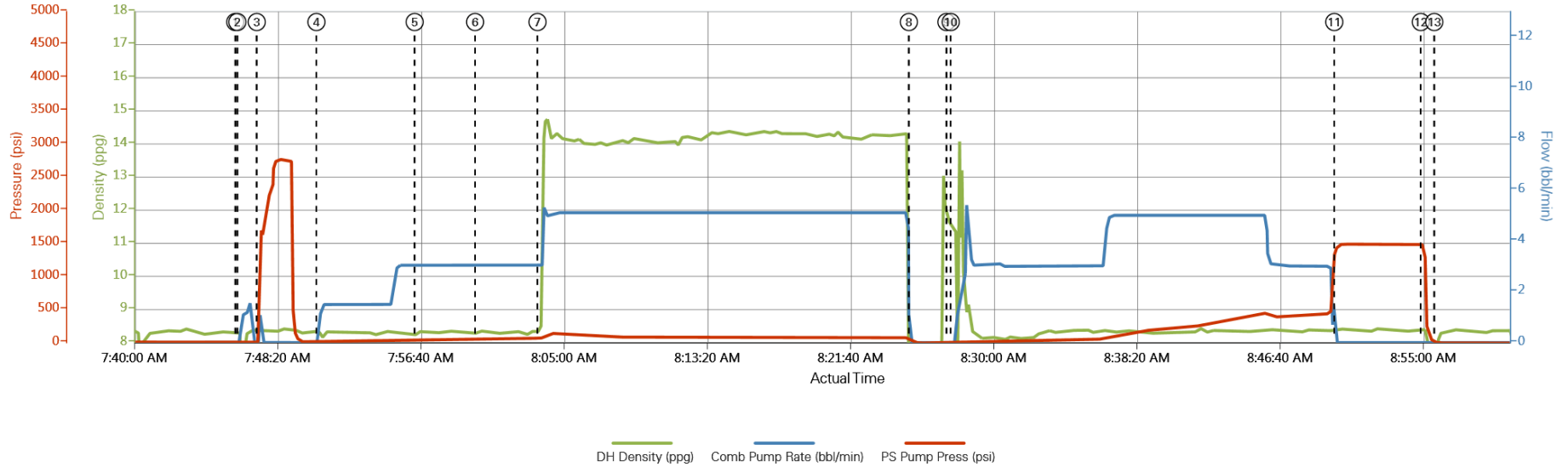
Fluid Density: 8.40 lbm/gal
Pump Rate: 3.00 bbl/min

Stage/Plug # 1 Fluid 3: SwiftCem B2
SWIFTCM (TM) SYSTEM

Fluid Weight: 14.20 lbm/gal
Slurry Yield: 1.53 ft³/sack
Total Mixing Fluid: 7.63 Gal
Surface Volume: 396.0 sacks
Sacks: 396.0 sacks
Calculated Fill: 900.00 ft
Calculated Top of Fluid: 0.00 ft

Data Acquisition

Anadarko Gobbler 35N-27HZ



- ① Start Job
- ② Test Lines
- ③ Test Lines
- ④ Pump Spacer 1
- ⑤ Pump Spacer 2
- ⑥ Pump Spacer 1
- ⑦ Pump Cement
- ⑧ Shutdown
- ⑨ Drop Top Plug
- ⑩ Pump Displacement
- ⑪ Bump Plug
- ⑫ Other
- ⑬ End Job

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
08/02/2013 05:20		Arrive At Loc					Well site assesment,Hazard hunt,Rig up safety meeting,Water test,Rig was putting last couple of joints in hole
08/02/2013 05:35		Rig-Up Equipment					
08/02/2013 06:25		Rig-Up Completed					
08/02/2013 07:30		Pre-Job Safety Meeting					Held safety meeting with all personell on location
08/02/2013 07:45		Start Job					
08/02/2013 07:47		Test Lines					Pressure tested lines to 2500 psi
08/02/2013 07:50		Pump Spacer 1	3	10		47.0	Fresh water
08/02/2013 07:56		Pump Spacer 2	3	12		51.0	MudFlush
08/02/2013 07:59		Pump Spacer 1	3	10		55.0	Fresh water
08/02/2013 08:03		Pump Cement	5	107.9		77.0	14.2 ppg SwiftCem (396 sks), weight verified by scale, we got 11 bbl of cement to surface
08/02/2013 08:25		Shutdown					
08/02/2013 08:27		Drop Top Plug					Plug was pre loaded
08/02/2013 08:27		Pump Displacement	5	40		193.0	Fresh water
08/02/2013 08:49		Bump Plug	3	81.5		450.0	Calculated pressure to land was 468 psi + 500 over final lift
08/02/2013 08:54		Check Floats					Floats held
08/02/2013 08:55		End Job					Rig down safety meeting

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3013488	Quote #:	Sales Order #: 900636828
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Hersh, Larry	
Well Name: Gobbler		Well #: 35N-27HZ	API/UWI #: 05-123-36737
Field: WATTEBERG	City (SAP): FORT LUPTON	County/Parish: Weld	State: Colorado
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: PLIENESS, RYAN		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 #
APPLING, RON	0.0	549836	ROMERO, JOSEPH M	0.0	512137	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
10822531C	10 mile	11398490	10 mile	11633848	10 mile	12010168	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			<i>Total is the sum of each column separately</i>					

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Form Type		BHST	On Location	02 - Aug - 2013	00:00	MST
Job depth MD	1099. ft	Job Depth TVD	Job Started	02 - Aug - 2013	00:00	MST
Water Depth		Wk Ht Above Floor	Job Completed	02 - Aug - 2013	00:00	MST
Perforation Depth (MD)	From	To	Departed Loc	02 - Aug - 2013	00:00	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				.	1099.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1096.4		

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		10.0	bbl	8.33	.0	.0	3.0	
2	Mud Flush		12.0	bbl	8.4	.0	.0	3.0	
	42 gal/bbl	MUD FLUSH III - SBM (528788)							
	3.33 lbm/bbl	MUD FLUSH III, 40 LB SACK (101633304)							
3	SwiftCem B2	SWIFTCEM (TM) SYSTEM (452990)	396.0	sacks	14.2	1.53	7.63	5.0	7.63
	7.63 Gal	FRESH WATER							
Calculated Values		Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	42 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					

