

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

HOUSTON 34N-8HZ

Majors 42

Post Job Summary **Cement Surface Casing**

Date Prepared: 4/2/2014
Version: 1

Service Supervisor: GIBBS, JASON

Submitted by: TRIER, DEREK

HALLIBURTON

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	Water Spacer	8.34	0.00	10.0 bbl	10.0 bbl
1	2	Spacer	Mud Flush	8.50	0.00	12.0 bbl	12.0 bbl
1	3	Spacer	Water Spacer	8.34	0.00	10.0 bbl	10.0 bbl
1	4	Cement Slurry	SwiftCem B2	14.20		391.0 sacks	391.0 sacks
1	5	Spacer	Displacement	8.34	0.00	81.0 bbl	81.0 bbl

HALLIBURTON

Service Supervisor Reports

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3354752	Quote #:	Sales Order #: 901194057
Customer: ANADARKO PETROLEUM CORP - EBUS	Customer Rep: Hersch, Larry		
Well Name: HOUSTON	Well #: 34N-8 HZ	API/UWI #: 05-123-38943-00	
Field:	City (SAP): PLATTEVILLE	County/Parish: Weld	State: Colorado
Legal Description:			
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.		Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.	
Contractor: Majors	Rig/Platform Name/Num: Majors 42		
Job Purpose: Cement Surface Casing		Ticket Amount:	
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: GREGORY, JON	Srvc Supervisor: GIBBS, JASON	MBU ID Emp #: 300487	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	03/16/2014 07:45							
Assessment Of Location Safety Meeting	03/16/2014 07:50							Hazard Hunt and Discuss 3rd party activities
Pre-Rig Up Safety Meeting	03/16/2014 07:55							Review JSA and Discuss Rig up layout
Rig-Up Equipment	03/16/2014 08:10							
Rig-Up Completed	03/16/2014 08:45							
Pre-Job Safety Meeting	03/16/2014 09:00							With Customer and 3rd Parties involved
Start Job	03/16/2014 09:20							
Pump Water	03/16/2014 09:25							Fill Lines
Test Lines	03/16/2014 09:30							
Pump Water	03/16/2014 09:40		4	10			27.0	Fresh Water
Pump Spacer	03/16/2014 09:45		4	12			95.0	Mud Flush
Pump Water	03/16/2014 09:55		4	10			86.0	Fresh Water
Pump Cement	03/16/2014 10:00		4	85			56.0	311sks @ 14.2ppg, 1.54yield, 7.66gal/sk
Shutdown	03/16/2014 10:23							
Drop Top Plug	03/16/2014 10:25							
Pump Displacement	03/16/2014 10:31		4	60			544.0	Fresh Water
Cement Returns to Surface	03/16/2014 10:37						1525.0	50 bbls Displaced 10 bbls to Pit

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Quote #:

Sales Order #: 901194057

SUMMIT Version: 7.3.0124

Sunday, March 16, 2014 10:53:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Bump Plug	03/16/2014 10:39						1624. 0	
Check Floats	03/16/2014 10:40							Floats Good
End Job	03/16/2014 10:45							Thanks Jason and Crew

Sold To # : 300466

Ship To # :3354752

Quote # :

Sales Order # : 901194057

SUMMIT Version: 7.3.0124

Sunday, March 16, 2014 10:53:00

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3354752	Quote #:	Sales Order #: 901194057
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: Hersch, Larry	
Well Name: HOUSTON	Well #: 34N-8 HZ	API/UWI #: 05-123-38943-00	
Field:	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		Srv Supervisor: GIBBS, JASON	MBU ID Emp #: 300487

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BARNES, BRIAN L	0.0	485204	GIBBS, JASON Edwin	0.0	300487			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

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
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Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Water Depth	Perforation Depth (MD)	From	To
				BHST	1089. ft	1089. ft				

Job Times

Called Out	Date	Time	Time Zone
On Location	16 - Mar - 2014	00:00	MST
Job Started	16 - Mar - 2014	00:00	MST
Job Completed	16 - Mar - 2014	00:00	MST
Departed Loc	16 - Mar - 2014	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

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

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

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	Water Spacer		10.00	bbl	8.34	.0	.0	.0	
2	Mud Flush		12.00	bbl	8.5	.0	.0	.0	
3.33 lbm/bbl		MUD FLUSH III, 40 LB SACK (101633304)							
0 gal/bbl		FRESH WATER							
3	Water Spacer		10.00	bbl	8.34	.0	.0	.0	
4	SwiftCem B2	SWIFTCM (TM) SYSTEM (452990)	391.0	sacks	14.2	1.54	7.66		7.66
7.66 Gal		FRESH WATER							
5	Displacement		81.00	bbl	8.34	.0	.0	.0	
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	0 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					

