

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

Whipsnake 28N-22HZ

Majors 29

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

Date Prepared: 7/18/2014  
Version: 1

Service Supervisor: BROOM, KENDALL

Submitted by: LANSDALE, JUSTIN

**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	1347	43.00
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1347	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
1	1	Spacer	Fresh Water Spacer	8.33	2.5	10.0 bbl
1	2	Spacer	Mud Flush	8.40	2.5	12.0 bbl
1	1	Spacer	Fresh Water Spacer	8.33	3.3	10.0 bbl
1	3	Cement Slurry	SwiftCem B2	14.20	4.5	528 sks

# HALLIBURTON

## Service Supervisor Reports

HALLIBURTON

ANADARKO PETROLEUM CORP - EBUS  
ANADARKO WHIPSNAKE 28N-22HZ  
ANADARKO WHIPSNAKE 28N-22HZ

### 1.6 Job Event Log

Type	Seq. No.	Activity	Graph Label	Date	Time	Source	DH Density (ppg)	PS Pump Press (psi)	Comb Pump Rate (bbl/min)	Comment
Event	1	Call Out	Call Out	6/24/2014	11:30:00	USER				Called crew out for job to be on location at 1400
Event	2	Depart from Service Center or Other Site	Depart for Location	6/24/2014	13:00:00	USER				Held safety huddle before leaving yard for location
Event	3	Arrive At Loc	Arrive At Loc	6/24/2014	13:40:00	USER				Arrived at location and met with companyman, rig was starting to run pipe
Event	4	Safety Meeting - Pre Rig-Up	Safety Meeting - Pre Rig-Up	6/24/2014	14:00:00	USER				Had a hazard hunt before rigging up
Event	5	Rig-up Lines	Rig-up Lines	6/24/2014	14:15:00	USER				Rigged up all the lines and water
Event	6	Safety Meeting	Safety Meeting	6/24/2014	16:58:15	USER	9.94	3.00	0.00	Held safety meeting with crew to discuss the operation and safety
Event	7	Start Job	Start Job	6/24/2014	17:02:22	COM4	9.91	2.00	0.00	
Event	8	Test Lines	Test Lines	6/24/2014	17:03:31	COM4	9.89	9.00	0.00	Test line to 2500
Event	9	Pump Spacer 1	Pump Spacer 1	6/24/2014	17:05:26	COM4	8.34	16.00	0.00	Pumped 10 bbls fresh water @ 3bpm 42 psi
Event	10	Pump Spacer 2	Pump Spacer 2	6/24/2014	17:10:58	COM4	8.25	33.00	2.50	Pumped 12 bbls mud flush @ 4bpm 45 psi
Event	11	Pump Spacer 1	Pump Spacer 1	6/24/2014	17:15:31	COM4	8.19	37.00	3.30	Pumped 10 bbls fresh water @ 4 bpm 42 psi
Event	12	Pump Cement	Pump Cement	6/24/2014	17:18:11	COM4	8.39	72.00	4.50	Pumped 144.8 bbls 528 sks 14.2# 1.54 yield 7.64 gals/sks
Event	13	Shutdown	Shutdown	6/24/2014	17:44:14	COM4	11.23	54.00	0.20	
Event	14	Drop Top Plug	Drop Top Plug	6/24/2014	17:44:53	COM4				Dropped plug washed up on top
Event	15	Pump Displacement	Pump Displacement	6/24/2014	17:44:58	COM4				
Event	16	Bump Plug	Bump Plug	6/24/2014	18:13:26	COM4	8.29	753.00	0.00	
Event	17	Other	Other	6/24/2014	18:17:40	COM4	8.33	1460.00	0.00	

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Created: Tuesday, June 24, 2014

iCem<sup>™</sup> Service

HALLIBURTON

ANADARKO PETROLEUM CORP - EBUS  
ANADARKO WHIPSNAKE 28N-22HZ  
ANADARKO WHIPSNAKE 28N-22HZ

Event	18	End Job	End Job	6/24/2014	18:22:47	COM4	8.31	15.00	0.00	
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## HALLIBURTON

## Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 300466	Ship To #: 3507959	Quote #:	Sales Order #: 0901455228
Customer: ANADARKO PETROLEUM CORP - EBUS		Customer Rep: TOBY YATES	
Well Name: WHIPSNAKE	Well #: 28N-22HZ	API/UWI #: 05-123-39438-00	
Field: WATTENBERG	City (SAP): IONE	County/Parish: WELD	State: COLORADO
Legal Description: SW SE-22-2N-67W-300FSL-2368FEL			
Contractor:		Rig/Platform Name/Num: Majors 29	
Job BOM: 7521			
Well Type: HORIZONTAL GAS			
Sales Person: HALAMERICA/HX23209		Srv Supervisor: Kendall Broom	
Job			

Formation Name			
Formation Depth (MD)	Top	Bottom	
Form Type		BHST	
Job depth MD	850ft	Job Depth TVD	
Water Depth		Wk Ht Above Floor	
Perforation Depth (MD)	From	To	

Well Data										
Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		9.625	8.921	36		J-55	0	1347		
Open Hole Section			13.5				0	1347		

Tools and Accessories									
Type	Size in	Qty	Make	Depth ft		Type	Size in	Qty	Make
Guide Shoe	9.625			1347		Top Plug	9.625		HES
Float Shoe	9.625					Bottom Plug	9.625		HES
Float Collar	9.625					SSR plug set	9.625		HES
Insert Float	9.625					Plug Container	9.625		HES
Stage Tool	9.625					Centralizers	9.625		HES

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 ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	
1	Mud Flush III (Powder)	Mud Flush III	12	bbl	8.4					
42 gal/bbl			FRESH WATER							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal	

last updated on 6/24/2014 6:43:25 PM

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## *Cementing Job Summary*

2	Lead Cement	SWIFTCEN (TM) SYSTEM	528	sack	14.2	1.54		6	7.64
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Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	Displacement	Displacement	101	bbl	8.33				
Cement Left in Pipe		Amount	40 ft		Reason			Shoe Joint	
Comment									