

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

D&C Farms 35C-33HZ

MAJORS 42

Post Job Summary **Cement Surface Casing**

Prepared for:
Date Prepared: 9/27/2013
Version: 1

Service Supervisor: LAVALLEY, LARRY

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	1,011.00	42.00
Open Hole Section	13 1/2" Open Hole Section		13.500		0.00	1,021.00	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	5.00	10.0 bbl	10.0 bbl
1	2	Spacer	Mud Flush	8.40	5.00	12.0 bbl	12.0 bbl
1	3	Cement Slurry	SwiftCem B2	14.20	5.00	383.0 sacks	383.0 sacks

Fluids Pumped

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

Fluid Density: 8.33 lbm/gal
Fluid Volume: 10.00 bbl
Pump Rate: 5.00 bbl/min

Stage/Plug # 1 Fluid 2: Mud Flush
DUMMY MUD / FLUSH / SPACER SBC MATERIAL
3.33 lbm/bbl Mud Flush III
42 gal/bbl Mud Flush III

Fluid Density: 8.40 lbm/gal
Fluid Volume: 12.00 bbl
Pump Rate: 5.00 bbl/min

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

Fluid Weight: 14.20 lbm/gal
Slurry Yield: 1.53 ft³/sack
Total Mixing Fluid: 7.63 Gal
Surface Volume: 383.0 sacks
Sacks: 383.0 sacks
Calculated Fill: 900.00 ft
Calculated Top of Fluid: 0.00 ft

HALLIBURTON

Service Supervisor Reports

Job Log

Date/Time	Chart #	Activity Code	Pump Rate	Cum Vol	Pump	Pressure (psig)	Comments
09/15/2013 01:44		Start Job					ARRIVED LOCATION AND DID SITE ASSESSMENT
09/15/2013 01:45		Test Lines				1828.0	FRESH WATER WITH NO ADDITIVES
09/15/2013 01:53		Pump Spacer 1	5	10		3.0	FRESH WATER WITH NO ADDITIVES
09/15/2013 02:00		Pump Spacer 2	5	12		11.0	FRESH WATER WITH MUDFLUSH III ADDED
09/15/2013 02:08		Pump Spacer 1	5	10		13.0	FRESH WATER WITH NO ADDITIVES
09/15/2013 02:12		Pump Lead Cement	5	104		76.0	383 SKS SWIFTCEM B2 MIXED @ 14.2 PPG YIELD 1.54 FT ³ /FT AND 7.66 GAL/SK
09/15/2013 02:35		Shutdown					
09/15/2013 02:35		Drop Top Plug					PRELOADED HWE TOP PLUG
09/15/2013 02:36		Pump Displacement	5	75		362.0	FRESH WATER WITH NO ADDITIVES. CAUGHT CEMENT @ 32 BBLS AWAY AND SPACER RETURNED TO SURFACE @ 35 BBLS AWAY AND 15 BBLS CEMENT BACK TO SURFACE
09/15/2013 02:56		Bump Plug	3			885.0	CALCULATED PRESSURE TO LAND WAS 364 AND 409 WAS PRESSURE TO LIFT WAS
09/15/2013 02:56		Other					FLOATS HELD AND GOT 1 BBLS BACK
09/15/2013 02:59		End Job					HELD SAFETY MEETING TO RIG DOWN AND DEPART LOCATION

The Road to Excellence Starts with Safety

Sold To #: 300466		Ship To #: 3104784		Quote #:		Sales Order #: 900735451	
Customer: ANADARKO PETROLEUM CORP - EBUS				Customer Rep: PORTER, BOB			
Well Name: D&C Farms			Well #: 35C-33HZ		API/UWI #: 05-123-37892		
Field: WATTENBURG		City (SAP): DACONO		County/Parish: Weld		State: Colorado	
Contractor: MAJORS			Rig/Platform Name/Num: Majors42				
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: PLIENESS, RYAN			Srvc Supervisor: LAVALLEY, LARRY			MBU ID Emp #: 419296	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
BROOM, KENDALL L	0.0	524682	LAVALLEY, LARRY P	0.0	419296	WILEY, JAMES A	0.0	440080

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11488570C	9 mile	11518549	9 mile	11748359	9 mile	NA	9 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	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
					14 - Sep - 2013	18:00	MST
Form Type			BHST	On Location	14 - Sep - 2013	21:30	MST
Job depth MD	1021. ft		Job Depth TVD	Job Started	15 - Sep - 2013	01:45	MST
Water Depth			Wk Ht Above Floor	Job Completed	15 - Sep - 2013	03:00	MST
Perforation Depth (MD)	<i>From</i>		<i>To</i>	Departed Loc	15 - Sep - 2013	03:30	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				.	1021.		
9 5/8" Surface Casing	Unknown		9.625	8.921	36.		J-55	.	1011.		

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		10.00	bbl	8.33	.0	.0	5.0	
2	Mud Flush		12.00	bbl	8.4	.0	.0	5.0	
3.33 lbm/bbl		MUD FLUSH III, 40 LB SACK (101633304)							
42 gal/bbl		MUD FLUSH III - SBM (528788)							
3	SwiftCem B2	SWIFCEM (TM) SYSTEM (452990)	383.0	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					

