

HALLIBURTON

Cementing Job Summary

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				5.00	bbl	8.33	.0	.0	2.0			
2	MUD FLUSH III	MUD FLUSH III - SBM (528789)			12.00	bbl	8.4	.0	.0	2.0			
3	Water Spacer				2.00	bbl	8.33	.0	.0	2.0			
59.525 gal/Mgal CLAYFIX 3, TOTETANK (101583425)													
4	Extendacem 11.3#	EXTENDACEM (TM) SYSTEM (452981)			340.0	sacks	11.3	2.25	11.9	2.0	11.9		
11.9 Gal FRESH WATER													
5	Varicem 13#	VARICEM (TM) CEMENT (452009)			135.0	sacks	13.	1.74	8.95	2.0	8.95		
8.95 Gal FRESH WATER													
Calculated Values		Pressures			Volumes								
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad					
Top Of Cement		5 Min		Cement Returns	22	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									

The Road to Excellence Starts with Safety

Sold To #: 304535	Ship To #: 2393150	Quote #:	Sales Order #: 8022429
Customer: PDC ENERGY EBUS		Customer Rep:	
Well Name: Fabrizious	Well #: 41-1	API/UWI #: 05-123-22345	
Field: WATTENBERG	City (SAP): GALETON	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:	Rig/Platform Name/Num:		
Job Purpose: Recement Service	Ticket Amount:		
Well Type: Development Well	Job Type: Recement Service		
Sales Person: FLING, MATTHEW	Srvc Supervisor: SIMS, DENNIS	MBU ID Emp #: 158880	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl	Pressure psig	Comments	
				Stage	Total	Tubing	Casing
Crew Leave Yard	03/09/2011 08:00						
Arrive at Location from Service Center	03/09/2011 09:10						
Safety Huddle	03/09/2011 09:19						
Start Job	03/09/2011 10:00						
Test Lines	03/09/2011 10:00						
Pump Spacer 1	03/09/2011 10:01		2	5		2100.0	
Pump Spacer 2	03/09/2011 10:03		2	12		2000.0	
Pump Spacer 1	03/09/2011 10:11		2	2		2000.0	
Pump Cement	03/09/2011 10:13		2	135		2150.0	
						0	
							340 SKS EXTENDACEM 11.3# 2.25 YIELD MIXED @ 11.3#
Pump Displacement	03/09/2011 11:20		2	1.5		2100.0	
Shutdown	03/09/2011 11:21						
Start Job	03/09/2011 12:00						
Pump Cement	03/09/2011 12:02		2	41		650.0	
							PUMP 135 SKS VARICEM 13# 1.74 YIELD
Pump Displacement	03/09/2011 12:20		2	1.25		500.0	
End Job	03/09/2011 12:30						

Sold To #: 7.20.130

Ship To #:

Quote #:

Sales Order #:

SUMMIT Version:

Wednesday, March 09, 2011 12:45:00