

Stage/Plug #: 1										Fluid Data			
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	ClayFix III Water Spacer		10.00	bbl	8.33	.0	.0	2.0					
2	MUD FLUSH III	MUD FLUSH III - SBM (528788)	12.00	bbl	8.4	.0	.0	2.0					
3	CalxFix III Water Spacer		10.00	bbl	8.33	.0	.0	2.0					
59.525 gal/Mgal			CLAYFIX 3, TOTETANK (101583425)										
4	Varicem 12#	VARICEM (TM) CEMENT (452009)	530.0	sacks	12.	2.18	12.34	2.0	12.34				
12.34 Gal			FRESH WATER										
Calculated Values		Pressures		Volumes									
Displacement		Shut In: Instant		Lost Returns		Cement Slurry	163	Pad					
Top Of Cement		5 Min		Cement Returns	9	Actual Displacement	2	Treatment					
Frac Gradient		15 Min		Spacers	32	Load and Breakdown		Total Job					
Rates													
Circulating		Mixing	2	Displacement	2	Avg. Job	2						
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 #: 2131363		Quote #:		Sales Order #: 9112385		
Customer: PDC ENERGY EBUS				Customer Rep:				
Well Name: Bonertz		Well #: 41-10		API/UWI #: 05-123-20153				
Field: Wattenberg		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:		Rig/Platform Name/Num:		Ticket Amount:				
Job Purpose: Recement Service		Job Type: Recement Service						
Well Type: Development Well		Src Supervisor: SALINAS, JOSE		MBU ID Emp #: 100319				
Sales Person: FLING, MATTHEW								
Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	12/05/2011 08:00							
Pre-Rig Up Safety Meeting	12/05/2011 08:10							
Rig-Up Equipment	12/05/2011 08:15							
Pre-Job Safety Meeting	12/05/2011 09:00							
Test Lines	12/05/2011 09:56	1	1				3500.0	TEST LINES WITH WATER
Pump Spacer	12/05/2011 09:57	2	10				20.0	PUMP 10 BBLS OF CLAYFIX WATER
Pump Spacer	12/05/2011 10:05	2	12				1237.0	PUMP 12 BBLS MUDFUSH
Pump Spacer	12/05/2011 10:11	2	10				1197.0	PUMP 10 BBLS CLAYFIX WATER
Pump Lead Cement	12/05/2011 10:17	2	103				1181.0	PUMP 265 SKS OF VARICEM @ 12.0 PPG
							103 BBLS	
Pump Displacement	12/05/2011 11:10	2	1.5				1791.0	PUMP DISPLACEMENT
							0	1.5 BBLS
Shutdown	12/05/2011 11:11	0	0				.0	SHUT DOWN PULL OUT OF HOLE 47 JOINTS
Pump Lead Cement	12/05/2011 11:41	2	60				1090.0	PUMP 155 SKS OF VARICEM @12.0 PPG
							0	60 BBLS
Pump Displacement	12/05/2011 12:14	1	1				1192.0	PUMP DISPLACEMENT
							0	.5 BBLS
Shutdown	12/05/2011 12:15	0	0				.0	SHUT DOWN