

HALLIBURTON**Cementing Job Summary**

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	ClayWeb 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	ClayWeb Water Spacer		10.00	bbl	8.33	.0	.0	2.0	
59.525 gal/Mgal		CLA-WEB - TOTE (101985045)							
4	ExtendaCem 11.8#	EXTENDACEM (TM) SYSTEM (452981)	440.0	sacks	11.8	2.06	12.34	2.0	12.34
12.34 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	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 #: 2919095	Quote #:	Sales Order #: 9406833
Customer: PDC ENERGY EBUS		Customer Rep:	
Well Name: Roy Carlson	Well #: 43-7	API/UWI #: 05-123-21867	
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: Basic		Rig/Platform Name/Num: 1548	
Job Purpose: Recement Service		Ticket Amount:	
Well Type: Development Well		Job Type: Recement Service	
Sales Person: FLING, MATTHEW		Srv Supervisor: SIPNEFSKI, ROBERT	
		MBU ID Emp #: 419391	

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Arrive at Location from Service Center	04/02/2012 06:50							
Rig-Up Equipment	04/02/2012 07:05							PERFORMED LOCATION ASSESSMENT PRIOR TO RIG UP.
Safety Meeting	04/02/2012 08:30							HELD SAFETY MEETING WITH ALL 3RD PARTY PERSONNEL.
Start Job	04/02/2012 09:53							
Test Lines	04/02/2012 09:56						3630.0	
Pump Spacer 1	04/02/2012 09:57		2	10			1545.0	10BBL OF WATER SPACER MIXED WITH CLAYWEB, WATER SUPPLIED BY RIG.
Pump Spacer 2	04/02/2012 10:14		2	12			1569.0	12BBL OF MUD FLUSH III MIXED WITH WATER SUPPLIED BY RIG.
Pump Spacer 1	04/02/2012 10:20		2	10			1609.0	10BBL OF WATER SPACER MIXED WITH CLAYWEB, WATER SUPPLIED BY RIG.
Pump Cement	04/02/2012 10:27		1.7	82			1210.0	223SKS OF FILLCEM CMT. @11.8PPG MIXED WITH WATER SUPPLIED BY RIG.
Pump Displacement	04/02/2012 11:15		1.7	0.5			1734.0	PUMPED .5BBL OF WATER, WATER SUPPLIED BY RIG.
Activity Description	Date/Time	Cht	Rate bbl/min	Volume bbl		Pressure psig		Comments

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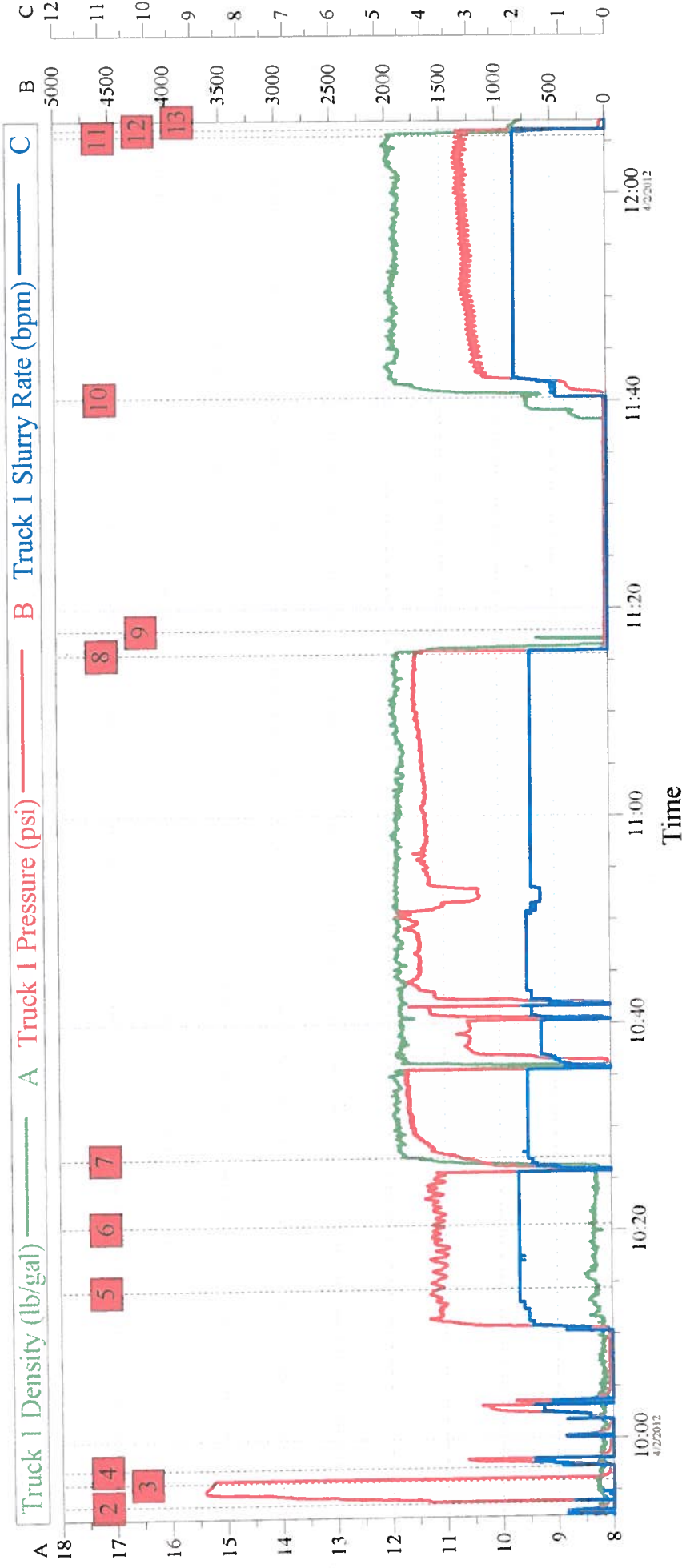
Sales Order # : 9406833

SUMMIT Version: 7.20.130

Monday, April 02, 2012 12:21:00

		#		Stage	Total	Tubing	Casing	
Shutdown	04/02/2012 11:17							SHUT DOWN WAIT ON RIG TO PULL 44 JOINTS.
Pump Cement	04/02/2012 11:40		2	79 49			1150. 0	131SKS OF FILLCEM CMT.@11.8PPG MIXED WITH WATER SUPPLIED BY RIG.
Pump Displacement	04/02/2012 12:05		2	1			1312. 0	PUMPED 1BBL OF WATER, WATER SUPPLIED BY RIG. 13BBL RETURNED BACK TO PIT.
End Job	04/02/2012 12:06							HELD PRE-RIG DOWN MEETING. PREPARE FOR DEPARTURE.

PDC ENERGY RECEMENT SRVC. ROY CARLSON 43-7



Global Event Log			
Intersection	T1P	Intersection	T1P
2 Start Job	09:53:48	3 Test Lines	09:56:00
4 Clay Web Water	09:57:16	5 Mud Flush II	10:14:26
6 Clay Web Water	10:20:35	7 Pump First Stage Cement 11.8 ppg	10:27:08
8 Pump Displacement	11:15:37	9 Shutdown	11:17:57
10 Pump Second Stage Cement 11.8ppg	11:40:19	11 Pump Displacement	12:05:32
12 Shutdown	12:06:09	13 End Job	12:06:59
			32.80

Field—Pink