

The Road to Excellence Starts with Safety

Sold To #:	304535	Ship To #:	2865769	Quote #:		Sales Order #:	8320412	
Customer:	PDC ENERGY EBUS	Customer Rep:	Sailors, Chad	API/UWI #:	05-123-22245-00	State:	Colorado	
Well Name:	Wells Ranch	Well #:	24-1	County/Parish:	Weld	Lat:	N 40.423 deg. OR N 40 deg. 25 min. 22.404 secs.	
Field:		City (SAP):	KERSEY	Long:	W 104.388 deg. OR W -105 deg. 36 min. 44.712 secs.	Contractor:		
Legal Description:		Rig/Platform Name/Num:		Ticket Amount:		Job Purpose:	Recement Service	
Well Type:	Development Well	Job Type:	Recement Service	MBU ID Emp #:	100271	Sales Person:	THEIS, MATTHEW	
Svc Supervisor:	HUGHES, ERVIN	Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl	Pressure psig	Comments
		Call Out	07/14/2011					Crew Called Out
		Depart from Service Center or Other Site	07/14/2011					Depart Yard for Location
		Arrive At Loc	07/14/2011					Arrive on Location
		Pre-Rig Up Safety Meeting	07/14/2011					Safety Meeting
		Rig-Up Equipment	07/14/2011					Spot and Rig Up Equipment
		Pre-Job Safety Meeting	07/14/2011					Pre Job Safety Meeting with Rig Crew
		Standby - Other - see comments	07/14/2011					Wait on Water Trucks
		Test Lines	07/14/2011					Test Lines with Fresh Water @ 8.33 ppg
		Pump Spacer 1	07/14/2011	2	10	10	1775.0	Pump Clayfix Water Spacer @ 8.33 ppg
		Pump Spacer 2	07/14/2011	2	12	22	1500.0	Pump Mud Flush Spacer @ 8.4 ppg
		Pump Spacer 1	07/14/2011	2	10	32	1675.0	Pump Clayfix Water Spacer @ 8.3 ppg
		Pump Lead Cement	07/14/2011	2	98	130	1836.0	Pump 251 sks Varicem Surface Cmt mixed with fresh water @ 12.0 ppg
		Pump Displacement	07/14/2011	2	1.5	131.5	2100.0	Pump Clayfix Water Displacement @ 8.33 ppg
		Shutdown	07/14/2011					Shut Down and Rig Crew to Pull 50 Joints.
		Release Tubing Pressure	07/14/2011					
		Rig-Up Equipment	07/14/2011					Rig Up to Tubing

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Thursday, July 14, 2011 10:06:00

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	07/14/2011 09:08		2	45	176.5	1100. 0		Pump 200 sks Varicem Surface Cmt mixed @ 13.0 ppg
Pump Displacement	07/14/2011 09:28		2	1	177.5	1050. 0		Pump Clayfix Water Displacement @ 8.33 ppg
Post-Job Safety Meeting (Pre Rig-Down)	07/14/2011 09:35							Safety Meeting
Rig-Down Equipment	07/14/2011 09:45							Rig Down Equipment
Depart Location for Service Center or Other Site	07/14/2011 10:45							Depart Location

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