## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 303246 Ship To #: 2743079 Sales Order #: 6897831 Quote #:

Customer: KEITH WALKER OIL & GAS CO LLC EBUS Customer Rep: Jones, Barry

Well Name: Freyja Well #: 18 #1 API/UWI #: 15-025-21482

Field: City (SAP): ASHLAND County/Parish: Clark State: Kansas Legal Description: Section 18 Township 33S Range 25W

Long: E 0 deg. OR E 0 deg. 0 min. 0 secs. Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.

Contractor: .KENAI Rig/Platform Name/Num: 58

Job Purpose: Cement Production Casing Ticket Amount:

Well Type: Development Well Job Type: Cement Production Casing Sales Person: HESTON, MYRON Srvc Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068

Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments
		#		Stage	Total	Tubing	Casing	
Call Out	09/16/2009 16:30							
Safety Meeting - Service Center or other Site	09/16/2009 18:00							JORNEY MANAGEMENT
Depart from Service Center or Other Site	09/16/2009 18:30							BULK COMING OUT OF PAMPA
Arrive at Location from Service Center	09/16/2009 20:00							ASSESS LOCATION
Safety Meeting - Pre Rig-Up	09/16/2009 20:10							WORK SAFE/SAFETY HUDDLES/BUDDY SYSTEM
Rig-Up Equipment	09/16/2009 20:15							
Rig-Up Completed	09/16/2009 20:45							
Other	09/16/2009 21:05							ON BOTTOM- CIRCULATE WITH RIG
Arrive at Location from Service Center	09/16/2009 23:00							BULK TRUCKS ON LOCATION
Safety Meeting - Pre Job	09/16/2009 23:15							JOB AND SAFETY PROCEDURES
Rig-Up Equipment	09/16/2009 23:20						i	HOOK UP HEAD
Test Lines	09/16/2009 23:48						3500. 0	GOOD
Pump Spacer	09/16/2009 23:49		4.5	10			325.0	FRESH WATER
Pump Spacer	09/16/2009 23:52		4.5	25			325.0	CAUSTIC WATER
Pump Spacer	09/16/2009 23:58		4.5	10			325.0	FRESH WATER
Pump Lead Cement	09/17/2009 00:01		5	20			300.0	10#/GAL SCAVENGER
Pump Tail Cement	09/17/2009 00:05		5	100			150.0	14.58#/GAL

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6897831

SUMMIT Version: 7.20.130

Thursday, September 17, 2009 01:56:00

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Activity Description	Date/Time	Cht	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Clean Lines	09/17/2009 00:25							
Drop Plug	09/17/2009 00:37							
Pump Displacement	09/17/2009 00:38		5	163			50.0	FRESH WATER
Pump Displacement	09/17/2009 01:00		5				800.0	CAUGHT CEMENT
Pump Displacement	09/17/2009 01:16		3.5				1100. 0	SLOW RATE
Bump Plug	09/17/2009 01:20						2100. 0	
Check Floats	09/17/2009 01:22							HOLDING
Pump Cement	09/17/2009 01:27		2	4			50.0	RAT HOLE
Pump Cement	09/17/2009 01:35		2	7			50.0	MOUSE HOLE
End Job	09/17/2009 01:40							
Safety Meeting - Pre Rig-Down	09/17/2009 01:50							
Rig-Down Equipment	09/17/2009 02:00							
Rig-Down Completed	09/17/2009 02:30							
Safety Meeting - Departing Location	09/17/2009 02:35						\$	
Depart Location for Service Center or Other Site	09/17/2009 02:45							

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