

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 303246		Ship To #: 2743079		Quote #:		Sales Order #: 6878495	
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							
Contractor: .KENAI				Rig/Platform Name/Num: 58			
Job Purpose: Cement Surface Casing							
Well Type: Development Well				Job Type: Cement Surface Casing			
Sales Person: HESTON, MYRON				Srvc Supervisor: UNDERWOOD, BILLY MBU ID Emp #: 159068			

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CHENNAULT, WALTER	7	399974	DAVIS, ROBERT T	7	458886	TIRRELL, MICHAEL Edward	7	429195
UNDERWOOD, BILLY Dale	7	159068						

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10249493	50 mile	10724645	50 mile	10744563	50 mile	10804573	50 mile
10949719	50 mile	10951586	50 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
09-4-09	7	1.5						

TOTAL *Total is the sum of each column separately*

Job

Job Times

Formation Name	Top	Bottom	Called Out	Date	Time	Time Zone
Formation Depth (MD)			On Location	04 - Sep - 2009	02:00	CST
Form Type		BHST	Job Started	04 - Sep - 2009	06:00	CST
Job depth MD	1100. ft	Job Depth TVD	Job Completed	04 - Sep - 2009	11:50	CST
Water Depth		Wk Ht Above Floor	Job Completed	04 - Sep - 2009	12:20	CST
Perforation Depth (MD)	From	To	Departed Loc	04 - Sep - 2009	13:15	CST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				12.25				92.	1100.		
Conductor	Unknown		20.	19.166	90.		Unknown	.	92.		
Surface Casing	Unknown		8.625	8.097	24.	8 RD (ST&C)	J-55	.	1100.		

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 8 5/8, HWE, 7.20 MIN/8.09 MA	1	EA		
SHOE, CSG, TIGER TOOTH, 8 5/8 IN 8RD	1	EA		
VLVASSY, INSR FLOAT, 8-5/8 8RD, 24 lbs/ft	1	EA		
FILLUP ASSY - 1.500 ID - 7 IN. - 8-5/8	1	EA		
CENTRALIZER ASSY - API - 8-5/8 CSG X	10	EA		
BASKET - CEMENT - 8 5/8 CSG X 12 1/4	3	EA		
CLP, LIM, 8 5/8, FRICT, WTH DOGS	3	EA		
KIT, HALL WELD-A	1	EA		

Cementing Job Log

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Field:		City (SAP): ASHLAND		County/Parish: Clark		State: Kansas	
Legal Description: Section 18 Township 33S Range 25W							
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: .KENAI			Rig/Platform Name/Num: 58				
Job Purpose: Cement Surface Casing						Ticket Amount:	
Well Type: Development Well				Job Type: Cement Surface 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	09/04/2009 02:30							
Safety Meeting - Service Center or other Site	09/04/2009 04:00							journey management
Arrive at Location from Service Center	09/04/2009 06:00							ASSESS LOCATION
Safety Meeting - Pre Rig-Up	09/04/2009 06:10							USE SPOTTERS- BUDDY SYSTEM- SAFETY HUDDLES
Rig-Up Equipment	09/04/2009 06:15							
Rig-Up Completed	09/04/2009 06:30							STANDBY-RUNNING CASING
Rig-Up Equipment	09/04/2009 09:44							HOOK UP HEAD- CIRCULATE WITH RIG
Safety Meeting - Pre Job	09/04/2009 10:40							JOB AND SAFETY PROCEDURES
Test Lines	09/04/2009 10:50						2000. 0	GOOD TEST
Pump Spacer	09/04/2009 10:52		2.5	10			50.0	FRESH WATER
Pump Lead Cement	09/04/2009 10:56		4	160			100.0	12#/GAL
Pump Tail Cement	09/04/2009 11:32		4	32			150.0	15.6#/GAL
Drop Plug	09/04/2009 11:40							
Pump Displacement	09/04/2009 11:42		4	68			200.0	FRESH WATER
Pump Displacement	09/04/2009 12:06		2				300.0	SLOW RATE
Bump Plug	09/04/2009 12:20						750.0	
Check Floats	09/04/2009 12:22							HOLDING

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6878495

SUMMIT Version: 7.20.130

Friday, September 04, 2009 12:31:00

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Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	09/04/2009 12:23							
Safety Meeting - Pre Rig-Down	09/04/2009 12:25							
Rig-Down Equipment	09/04/2009 12:30							
Rig-Down Completed	09/04/2009 13:00							
Safety Meeting - Departing Location	09/04/2009 13:05							
Depart Location for Service Center or Other Site	09/04/2009 13:15							

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