



Cement

Well Name: Stonebraker 28U-234

Cement

Surface Casing Cement, Casing, 12/27/2013 12:30

Type Casing	String Surface, 1,061.0ftKB	Start Date 12/27/2013	Cementing End Date 12/27/2013	Wellbore Original Hole	Job Drilling - original, 12/26/2013 06:00	Cementing Company Cementers	Cement Objective	Eval Method Returns to Surface
----------------	--------------------------------	--------------------------	----------------------------------	---------------------------	--	--------------------------------	------------------	-----------------------------------

Cement Stages

Stg # 1	Description Surface Casing Cement				Objective		Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 1,061.0	Pump Start Date 12/27/2013		Pump End Date 12/27/2013		Top Plug? Yes	Btm Plug? No			
Initial Pump Rate (bbl/min) 5		Final Pump Rate (bbl/min) 1		Avg Pump Rate (bbl/min) 4		Final Pump Pressure (psi) 400.0	Plug Bump Pressure (psi) 750.0		Pressure Held (psi)		Pressure Release Date		Full Return? Yes	Vol Cement Ret (bbl) 10.0	Volume Lost (bbl)		
Recip? No	Stroke (ft)	Recip Rate (...)	Rotat... No	RPM (rpm)	Pipe Movement Note			MD Tagged (...)	Tag Method		Tag Wt (100...)	Prop... No	Depth Plug...	Tag Cement Date		Drill Out Date	Drill Out Dia (...)

Cement Fluids

Fluid	Est Top (ftKB)	Est Btm (ftKB)	Pump Start Date	Pump End Date	Class	Amount (sacks)	Mix H2O Ratio (gal/sack)	Yield (ft³/sack)	Vol Pumped (bbl)	Excess (%)	Dens (lb/gal)
Tail	13.0	1,061.0	11/27/2013	12/27/2013	G	950		1.18	174.4	100.0	15.20

Intermediate Casing Cement, Casing, 12/31/2013 19:30

Type Casing	String Intermediate, 7,338.0ftKB	Start Date 12/31/2013	Cementing End Date 12/31/2013	Wellbore Original Hole	Job Initial Completion, 4/13/2014 00:00	Cementing Company Baker Hughes	Cement Objective	Eval Method Returns to Surface
----------------	-------------------------------------	--------------------------	----------------------------------	---------------------------	--	-----------------------------------	------------------	-----------------------------------

Cement Stages

Stg # 1	Description Intermediate Casing Cement				Objective		Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 7,338.0	Pump Start Date 12/31/2013		Pump End Date 12/31/2013		Top Plug? Yes	Btm Plug? No			
Initial Pump Rate (bbl/min) 10		Final Pump Rate (bbl/min) 4		Avg Pump Rate (bbl/min) 1,440		Final Pump Pressure (psi) 1,953.0	Plug Bump Pressure (psi) 2,601.0	Pressure Held (psi)		Pressure Release Date		Full Return? Yes	Vol Cement Ret (bbl) 6.0		Volume Lost (bbl)		
Recip? No	Stroke (ft)	Recip Rate (...)	Rotat... No	RPM (rpm)	Pipe Movement Note			MD Tagged (...)	Tag Method		Tag Wt (100...)	Prop... No	Depth Plug...	Tag Cement Date		Drill Out Date	Drill Out Dia (...)

Cement Fluids

Fluid	Est Top (ftKB)	Est Btm (ftKB)	Pump Start Date	Pump End Date	Class	Amount (sacks)	Mix H2O Ratio (gal/sack)	Yield (ft³/sack)	Vol Pumped (bbl)	Excess (%)	Dens (lb/gal)
Lead	13.0	5,000.0	12/31/2013	12/31/2013	Premium Lite	297		2.99	158.2		11.20
Tail	5,000.0	7,338.0	12/31/2013	12/31/2013	50/50 Poz	332		1.38	81.6		14.60