



Cement

Well Name: Simonsen 12E-223

Cement

Surface Casing Cement, Casing, 11/21/2012 12:45

Type Casing	String Surface, 922.0ftKB	Start Date 11/21/2012	Cementing End Date 11/21/2012	Wellbore Original Hole	Job Drilling - original, 11/20/2012 17:15	Cementing Company Cementers Energy	Cement Objective	Eval Method Returns to Surface
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Cement Stages

Stg # 1	Description Surface Casing Cement					Objective			Top Depth (ftKB) 15.0	Bottom Depth (ftKB) 922.0	Pump Start Date 11/21/2012			Pump End Date 11/21/2012			Top Plug? No	Btm Plug? No						
Initial Pump Rate (bbl/min) 4		Final Pump Rate (bbl/min) 5		Avg Pump Rate (bbl/min)		Final Pump Pressure (psi)		Plug Bump Pressure (psi) 500.0		Pressure Held (psi) 0.0		Pressure Release Date			Full Return? Yes		Vol Cement Ret (bbl) 4.0		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	15.0	922.0	11/21/2012	11/21/2012	G	820		1.18	172.3	100.0	15.20

Intermediate Casing Cement, Casing, 11/27/2012 18:30

Type Casing	String Intermediate, 7,502.0ftKB	Start Date 11/27/2012	Cementing End Date 11/27/2012	Wellbore Original Hole	Job Drilling - original, 11/20/2012 17:15	Cementing Company BJ Services Company	Cement Objective	Eval Method Calculated
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Cement Stages

Stg # 1	Description Intermediate Casing Cement				Objective		Top Depth (ftKB) 500.0	Bottom Depth (ftKB) 7,502.0	Pump Start Date 11/27/2012		Pump End Date 11/27/2012		Top Plug? Yes	Btm Plug? No				
Initial Pump Rate (bbl/min) 5		Final Pump Rate (bbl/min) 7		Avg Pump Rate (bbl/min)		Final Pump Pressure (psi) 775.0	Plug Bump Pressure (psi) 1,811.0		Pressure Held (psi) 0.0		Pressure Release Date		Full Return? Yes	Vol Cement Ret (bbl) 0.0	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	500.0	6,100.0	11/27/2012	11/27/2012	Premium Lite	335		2.99	178.4		11.20
Tail	6,100.0	7,502.0	11/27/2012	11/27/2012	50/50 Poz G	235		1.38	72.5		14.60