



Cement

ORIGINAL HOLE**Well Name: SHABLE USX AB11-02****Cement Plug**

API 05-123-30616	Quarter Quarter NWNE	Regulatory Field WATTENBERG	County/Parish WELD	State/Province COLORADO	Well Configuration Type VERTICAL
Ground Elevation (ft) 4,881.00	Casing Flange Elevation (ft)	KB - GL / MSL (ftKB) 13	KB-Casing Flange Distance (ft)	Spud Date 6/20/2010 10:15:00 PM	Rig Release Date 7/6/2010 5:30:00 PM

Cement Details

Description Cement Plug	Cementing Start Date 11/3/2010 14:00	Cementing End Date 11/3/2010 14:30	Wellbore Name ORIGINAL HOLE
Technical Result			

Comment

SPOT 5 SXS PORTLAND CMT ON CIBP WITH DUMP BAILER.

Cement Stages**Stage # <Stage Number?>**

Description Cement Plug		Objective		Top (ftKB) 7,261.2		Bottom (ftKB) 7,298.0		Full Return? No		Cmnt Rtrn (bbl)		Top Plug? No		Bottom Plug? No			
Q (start) (bbl/min)		Q (end) (bbl/min)		Q (avg) (bbl/min)		P (final) (psi)		P (bump) (psi)		Recip? No		Stroke (ft)		Rotated? No		Mix/Pump Cmt VI (...)	
Depth tagged (ftKB)				Tag Method				Depth Plug Drilled Out To (ftKB)				Drill Out Diameter (in)					

Comment

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Cement Fluids & Additives**Fluid**

Fluid Type	Fluid Description	Estimated Top (ftKB)	Estimated Bottom (ftKB)	Amount (sacks)	Class	Volume Pumped (bbl)
Yield (ft³/sack)	Mix H2O Ratio (gal/sack)	Free Water (%)	Density (lb/gal)	Plastic Viscosity (cp)	Thickening Time (hrs)	12 hr comp strg (psi)

Additives

Additive	Type	Concentration	Conc Unit label
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