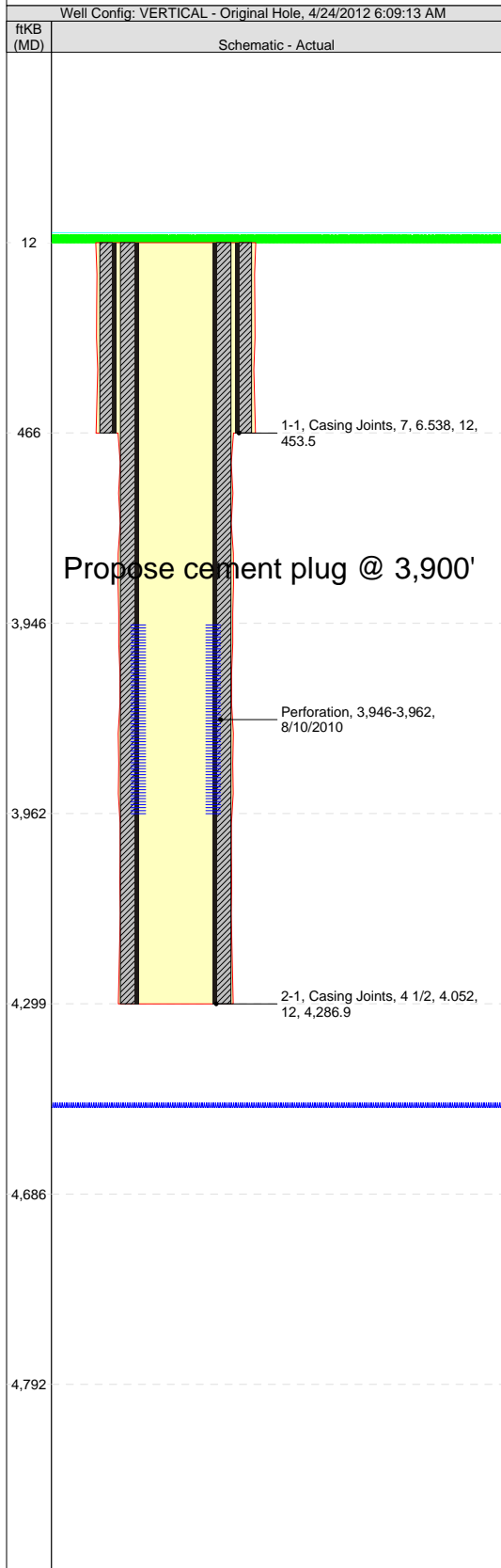


Well Name: STATE 7-51-33-12

Referenced UWI / API 0507509383	Surface Location NWNE SEC 33 T07N R51W	Licensed Field Name WILDCAT	License / Permit # 09383	Province/State COLORADO	Well Configuration Type VERTICAL
Ground Elevation (ft) 4,498.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	Spud Date 12/10/2009 07:00	Rig Release Date 1/18/2010 15:00



Wellbore									
Borehole Name Original Hole		Profile Type VERTICAL		Kick Off Depth (ftKB)			Vertical Section Direction (°) 0.00		
Section		Size (in)		Act Top (ftKB)			Act Btm (ftKB)		
SURFACE		8 5/8		12.0			465.5		
PRODUCTION		6 1/8		465.5			4,299.0		
Wellhead									
Type									
Description		Make		Model		SN		Top WP (psi)	
Last Mud Check									
Date	Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	Gel (10s) (lb/100ft²)	Gel (10m) (lb/100ft²)	PV OR (cp)	YP OR (lb/100ft²)	
12/17/2009			9.00	37					
Casing									
Casing Description PRODUCTION			Run Date 1/15/2010 00:00		Set Depth (ftKB) 4,299.0		Borehole Original Hole, 050750938300		
Centralizers				Scratchers					
Jts	Item Description	OD (in)	ID (in)	Weight (lbs/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
1...	Casing Joints	4 1/2	4.052	10.50	J-55	4,286.87	12.1	4,299.0	
Cement: Production Casing Cement									
Description Production Casing Cement		Type casing		Cement Objective Cement Casing					
Cementing Start Date 1/15/2010		Cementing End Date 1/15/2010		Borehole Original Hole, 050750938300					
Evaluation Method		Cement Evaluation Results / Comments							
Cement Supervisor									
Cement Stages: Production Casing Cement									
Top (ftKB) 12.0	Bottom (ftKB) 4,299.0		Full Return?	Cmnt Rtrn...	Top Plug?		Bottom Plug?		
Q (start) (bbl/min)	Q (end) (bbl/min)		Q (avg) (bbl/min)		P (final) (psi)		Plug Bump Pressure (psi)		
Pipe Reciprocated?	Stroke (ft)		Reciprocation Rate (spm)		Pipe Rotated?		Pipe RPM (rpm)		
Depth tagged (ftKB)	Tag Method		Plug Depth (ftKB)		Drill Out Diameter (in)		Drill Out Date		
Cement Fluids: Production Casing Cement									
Fluid Type Lead		Fluid Description			Weight (s...	Class Class A	Volume Pumped (bbl)		
Estimated Top (ftKB)		Estimated Bottom (ftKB)		Yield (ft³/sack)	Mix H2O Ratio (gal/sack)		Free Water (%)		
Density (lb/gal)		Plastic Viscosity (cp)		Thickening Time (hrs)			1st Compressive Strength (psi)		
Cement Fluid Additives									
Add			Type			Conc			
CaCl2									
Kcl						2.0			