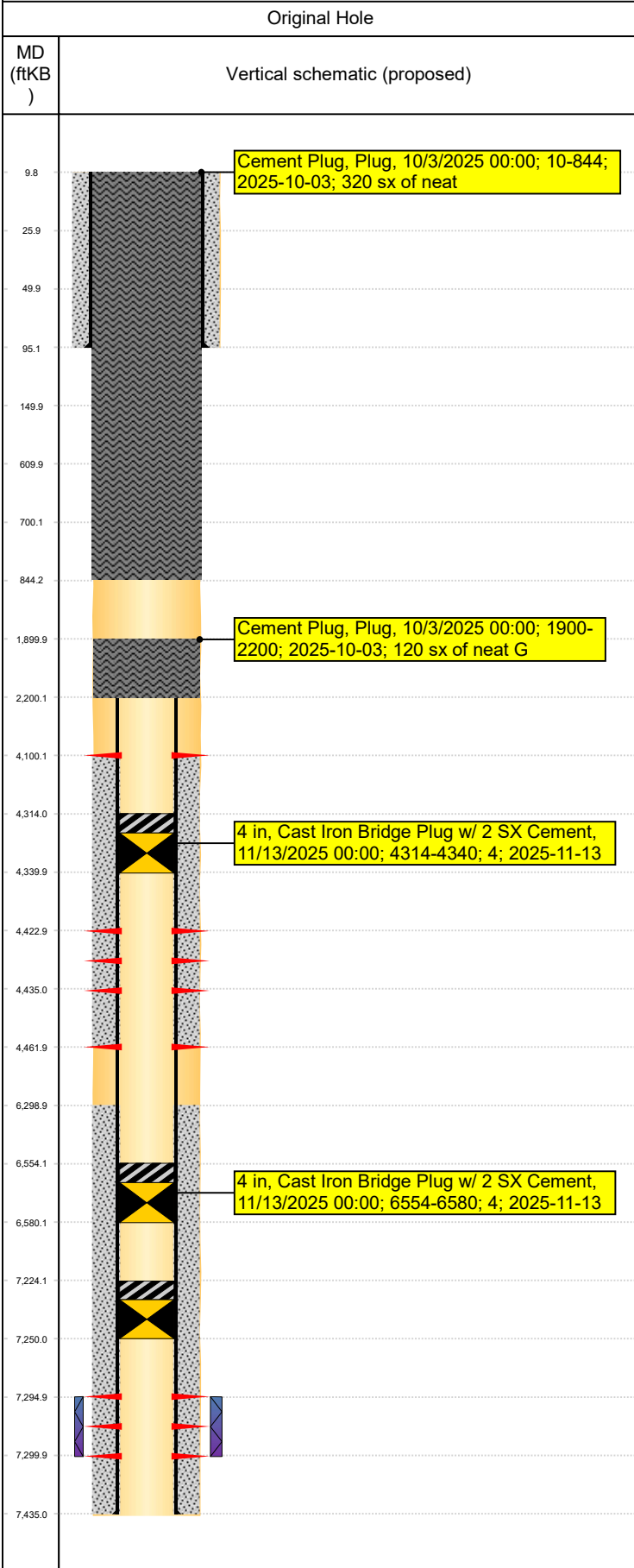




Proposed PA WBD - Vertical

Well Name: Cuykendall-Lauck 1



Well Header													
Surface UWI 0512307705		Business Unit Rockies		Gov Auth Dist		Prod Tree Loc							
Orig. KB to Gnd (ft) 10.00		Original Spud Date 6/2/1973		Abandon Date 8/6/1993		Well Sub-Status DA		High...					
								N					
Comment All information from the State Website.													
Geologic Horizons													
Formation Name Fox Hills								Final Top MD (ftKB) 456.0					
Formation Name Fox Hills Base								Final Top MD (ftKB) 744.0					
Formation Name Pierre (Upper) Aquifer Base								Final Top MD (ftKB) 1,750.0					
Surface Location (Congressional)													
Qtr 3 NW	Qtr 4 NE	Section 18	Twonshp 2	Twonsh... N	Range 63	Rng E/... W	Latitude (°)	Longitude (°)					
Wellbore Sections													
Section Des		Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)							
Surface		10 3/4		10.0		95.0							
Production		7 7/8		95.0		7,445.0							
Casing Strings													
Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade		Top Depth (MD) (ftKB)		Set Depth (MD) (ftKB)	
Surface		6/3/1973		8 5/8		24.00		J-55		10		95	
Production Casing		6/10/1973		4 1/2		10.50		J-55		10		7435	
Cement													
Des		Start Date		Top (ftKB)		Btm (ftKB)							
Surface Casing Cement		6/3/1973		10.0		95.0							
Production Casing Cement		6/10/1973		4,100.0		4,462.0							
Production Casing Cement		6/10/1973		6,299.0		7,435.0							
Cement Plug		8/7/1993		610.0		700.0							
Cement Plug		8/7/1993		50.0		150.0							
Cement Plug		8/7/1993		10.0		26.0							
Stim/Frac Summary													
Min Top Depth (ftKB) 7,295.0						Max Btm Depth (ftKB) 7,300.0							
Perforations													
Linked Zone		Date		Top Depth (ftKB)		Bottom Depth (ftKB)							
Sussex, Original Hole		1/22/1993 00:00		4,423.0		4,435.0							
Sussex, Original Hole		1/22/1993 00:00		4,461.9		4,462.0							
DSand, Original Hole		6/15/1973 00:00		7,295.0		7,300.0							
Other In Hole													
Run Date		Des		Make		OD (in)		Top (ftKB)		Btm (ftKB)			
1/21/1993		Cast Iron Bridge Plug w/ 2 SX Cement				4		7,224.0		7,250.0			
Logs													
Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)					