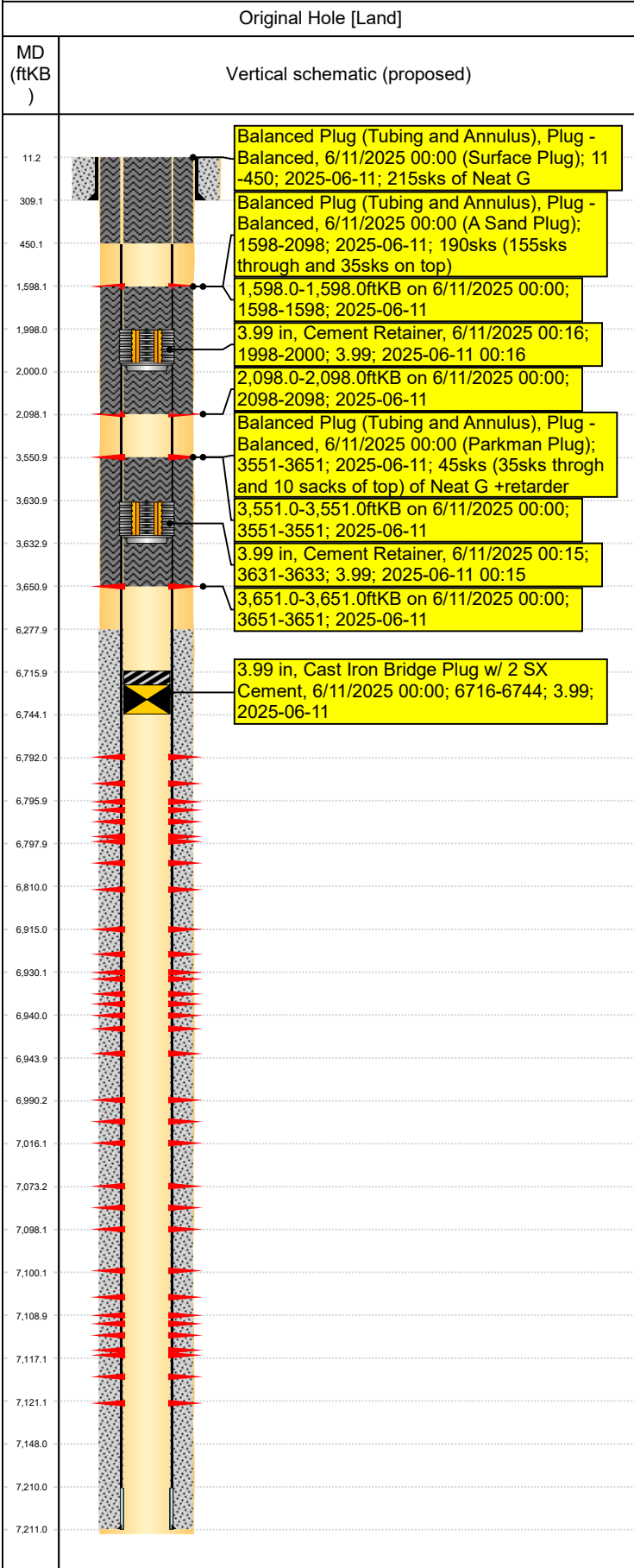




# Proposed PA WBD - Vertical

Well Name: Riggs 44-16

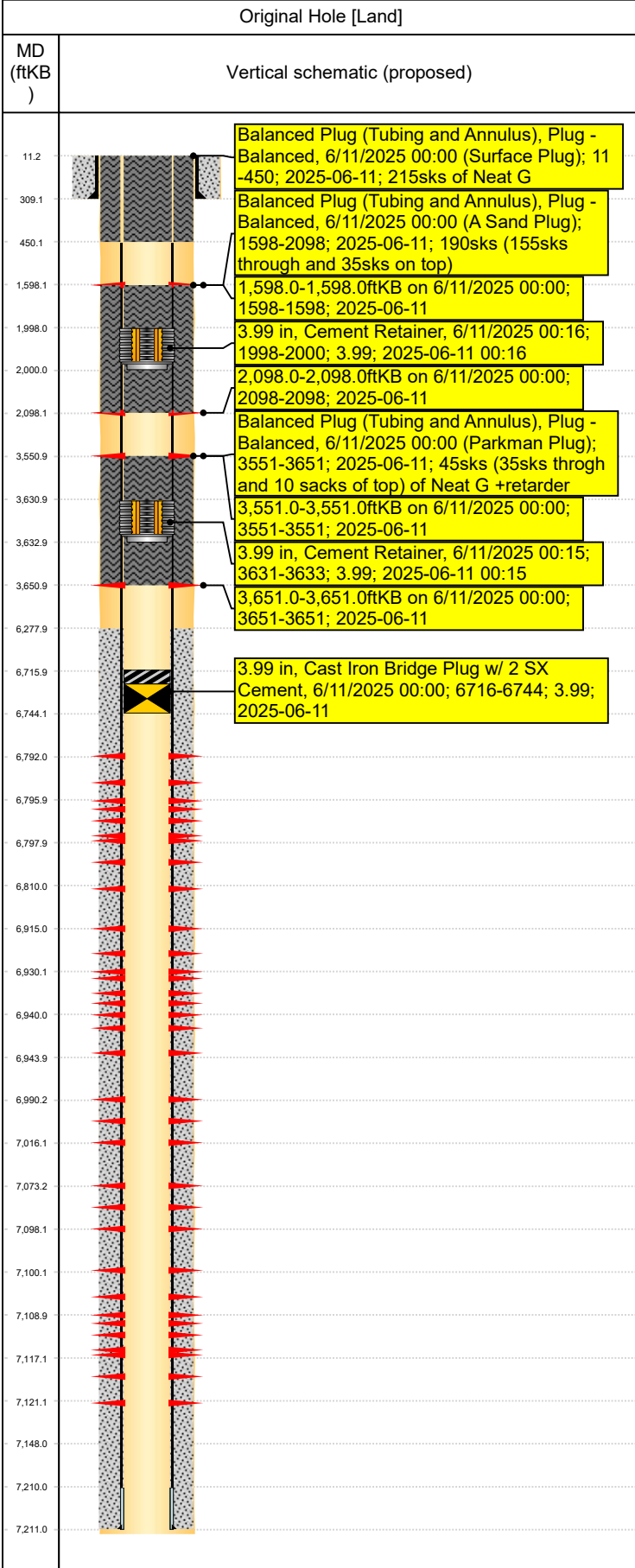


Well Header									
Surface UWI 0512314480		Business Unit Rockies		Gov Auth Dist Evans		Prod Tree Loc Land			
Orig. KB to Gnd (ft) 11.00	Original Spud Date 1/13/1990	Abandon Date		Well Sub-Status PR		High...			
Comment									
Geologic Horizons									
Formation Name Codell						Final Top MD (ftKB) 7,101.3			
Formation Name Nio A Chalk						Final Top MD (ftKB) 6,790.1			
Formation Name Parkman						Final Top MD (ftKB) 3,672.5			
Formation Name Pierre						Final Top MD (ftKB) 438.2			
Formation Name Pierre (Upper) Aquifer Base						Final Top MD (ftKB) 1,468.2			
Formation Name Pierre (Upper) Aquifer Top						Final Top MD (ftKB) 487.6			
Formation Name Pierre_TPB_A						Final Top MD (ftKB) 6,739.3			
Formation Name Sharon Spring Mkr						Final Top MD (ftKB) 6,763.2			
Surface Location (Congressional)									
Qtr 3 SE	Qtr 4 SE	Section 16	Twonshp 6	Twonsh... N	Range 65	Rng E/... W	Latitude (°) 40.48069	Longitude (°) -104.66131	
Wellbore Sections									
Section Des		Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)			
Surface		12 1/4		11.0		309.0			
Production		7 7/8		309.0		7,255.0			
Casing Strings									
Csg Des		Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)		
Surface		1/14/1990	8 5/8	24.00		11	309		
Production		1/20/1990	4 1/2	11.60	L-80	11	7211		
Cement									
Des				Start Date		Top (ftKB)		Btm (ftKB)	
				1/14/1990		11.0		309.0	
				1/20/1990		6,278.0		7,211.0	
Stim/Frac Summary									
Min Top Depth (ftKB)					Max Btm Depth (ftKB)				
Min Top Depth (ftKB)					Max Btm Depth (ftKB)				
Min Top Depth (ftKB)					Max Btm Depth (ftKB)				
Perforations									
Linked Zone		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		6/11/2025 00:00		1,598.0		1,598.0			
Linked Zone		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		6/11/2025 00:00		2,098.0		2,098.0			
Linked Zone		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		6/11/2025 00:00		3,551.0		3,551.0			
Linked Zone		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		6/11/2025 00:00		3,651.0		3,651.0			
Linked Zone Niobrara_A, Original Hole		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		1/30/1990 00:00		6,792.0		6,810.0			
Linked Zone Niobrara_A, Original Hole		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		10/12/2010 10:00		6,796.0		6,798.0			
Linked Zone Niobrara_B, Original Hole		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		1/30/1990 00:00		6,915.0		6,944.0			
Linked Zone Niobrara_B, Original Hole		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		10/12/2010 10:00		6,930.0		6,940.0			
Linked Zone Niobrara_C, Original Hole		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		1/30/1990 00:00		6,990.0		7,016.0			
Linked Zone Ft. Hayes, Original Hole		Date		Top Depth (ftKB)		Bottom Depth (ftKB)			
		1/27/1990 00:00		7,073.0		7,098.0			



# Proposed PA WBD - Vertical

Well Name: Riggs 44-16



Perforations					
Linked Zone	Date	Top Depth (ftKB)	Bottom Depth (ftKB)		
Codell, Original Hole	1/27/1990 00:00	7,100.0	7,121.0		
Linked Zone	Date	Top Depth (ftKB)	Bottom Depth (ftKB)		
Codell, Original Hole	8/29/2003 00:00	7,109.0	7,117.0		
Other In Hole					
Run Date	Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)
Logs					
Date	Type	Depth Top (MD) (ftKB)	Btm (ftKB)		
Wellbore Plug Back Total Depths					
Date	Type	Com	PBTD (ftKB)		
			7,148		