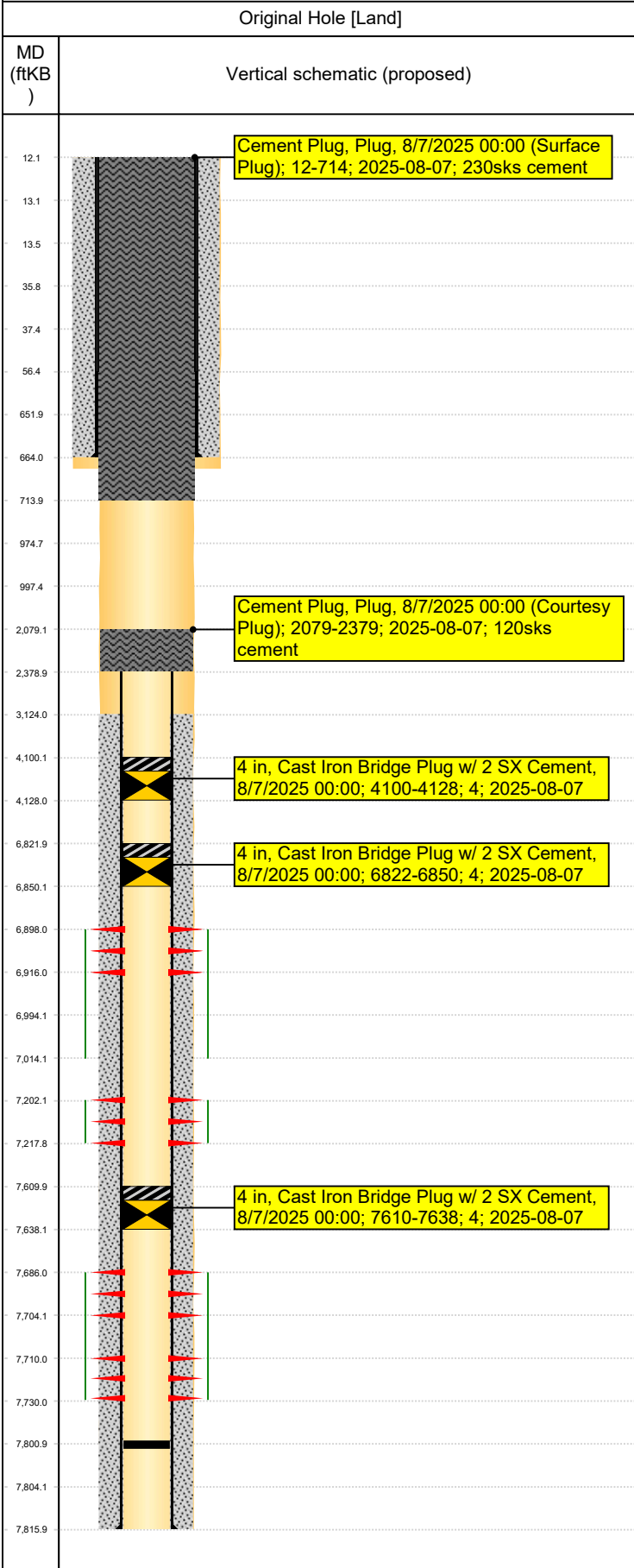




# Proposed PA WBD - Vertical

Well Name: Segal 4-2-24



Well Header									
Surface UWI 0512331774			Business Unit Rockies			Gov Auth Dist Evans		Prod Tree Loc Land	
Orig. KB to Gnd (ft)		Original Spud Date 12/25/2010		Abandon Date		Well Sub-Status PR		High...	N
Comment									
Geologic Horizons									
Formation Name J Sand								Final Top MD (ftKB) 7,678.0	
Formation Name Niobrara-Top_Prod								Final Top MD (ftKB) 6,898.0	
Formation Name Codell								Final Top MD (ftKB) 7,202.0	
Formation Name A_Sand-Top_Prod								Final Top MD (ftKB) 2,399.0	
Formation Name Upper_Pierre_Aquifer-Base_Prod								Final Top MD (ftKB) 1,393.0	
Formation Name Foxhills-Base_Prod								Final Top MD (ftKB) 220.0	
Formation Name Sussex-Top_Prod								Final Top MD (ftKB) 4,176.0	
Surface Location (Congressional)									
Qtr 3 SE	Qtr 4 NW	Section 24	Twonshp 4	Twonsh... N	Range 66	Rng E/... W	Latitude (°) 40.30130048	Longitude (°) -104.72540289	
Wellbore Sections									
Section Des		Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)			
Surface		12 1/4		12.0		677.0			
Production		7 7/8		677.0		7,824.0			
Casing Strings									
Csg Des		Run Date		OD (in)	W/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)	
Surface		12/25/2010		8 5/8	24.00	J-55	12	664	
Production		12/30/2010		4 1/2	11.60	N-80	12	7816	
Cement									
Des				Start Date		Top (ftKB)		Btm (ftKB)	
Surface				12/25/2010		12.0		664.0	
Production				12/30/2010		3,124.0		7,816.0	
Stim/Frac Summary									
Min Top Depth (ftKB) 6,898.0					Max Btm Depth (ftKB) 7,730.0				
Perforations									
Linked Zone NIOBRARA, Original Hole		Date 1/25/2011 07:48		Top Depth (ftKB) 6,898.0		Bottom Depth (ftKB) 6,916.0			
Linked Zone NIOBRARA, Original Hole		Date 1/25/2011 07:48		Top Depth (ftKB) 6,994.0		Bottom Depth (ftKB) 7,014.0			
Linked Zone CODELL, Original Hole		Date 1/25/2011 07:41		Top Depth (ftKB) 7,202.0		Bottom Depth (ftKB) 7,218.0			
Linked Zone J SAND, Original Hole		Date 1/19/2011 00:00		Top Depth (ftKB) 7,686.0		Bottom Depth (ftKB) 7,704.0			
Linked Zone J SAND, Original Hole		Date 1/19/2011 00:00		Top Depth (ftKB) 7,710.0		Bottom Depth (ftKB) 7,730.0			
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)	
4/24/2012				Wellcore PBTD (TVD): 7791.00001184232				7,801	