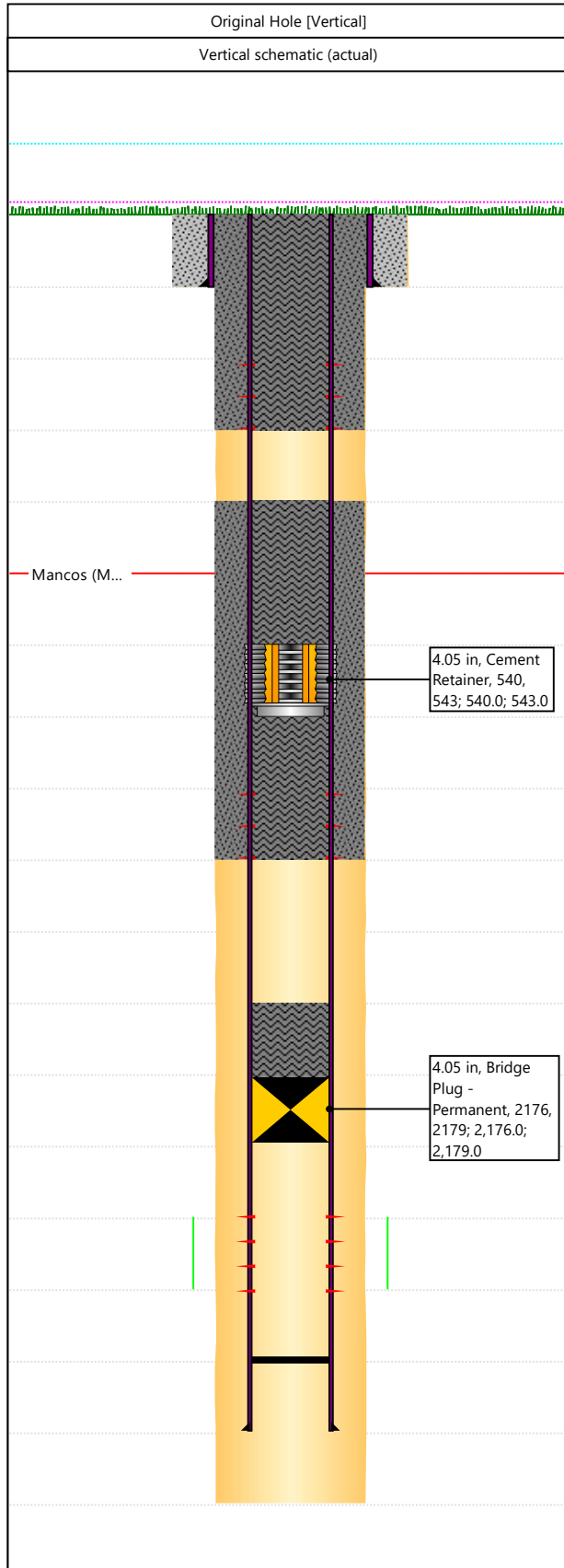




Well Name: CATHEDRAL FEDERAL 16-01

API/UWI 05103078780000	Surface Legal Location SEC 16, T2S, R101W	Field Name Cathedral	License # C-15228	State/Province CO	Well Configuration Type Vertical
Original KB Elevation (ft) 6,078	KB-Tubing Head Distance (ft) 10	Spud Date 7/31/1976 00:00	Rig Release Date 8/2/1976 00:00	PBTD (All) (KB) Original Hole - 2,526.0	Total Depth All (TVD) (KB)



Formations					
Formation Name			Final Top MD (ftKB)		
Mancos			520.0		
Casing Strings					
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)	
Surface	8 5/8	24.00		165.0	
Production	4 1/2	10.50		2,553.0	
Cement Tops					
Description		Top Depth (ftKB)			
Surface Casing Cement		10.0			
Description		Top Depth (ftKB)			
Production Casing Cement					
Production Perforations					
Top (ftKB)	Btm (ftKB)	Zone Name			
2226	2442	Mancos			
Cement Squeeze Perforations					
Proposed/Actual		Top Depth (ftKB)	Bottom Depth (ftKB)		
Actual		214	215		
Proposed/Actual		Top Depth (ftKB)	Bottom Depth (ftKB)		
Actual		569	570		
Other In Hole					
Prop/Actual Run	Des	Icon	OD (in)	Top (ftKB)	Btm (ftKB)
Actual	Bridge Plug - Permanent		4.05	2176	2179
Actual	Cement Retainer		4.05	540	543
Cement Plugs					
Prop/Actual Run	Top (ftKB)	Btm (ftKB)	Com		
Actual	2126	2176	Isolate the Mancos Perfs with 4 SX of Class G CMT on top of CIBP.		
Actual	465	570	Isolate the top of the Mancos with 28 SX below CICR and 8 SX on top if CBL shows TOC below 570'. If CBL show TOC above 570', 8 SX will be pumped in the production casing.		
Actual	10	215	To protect the surface shoe and surface, ~63 SX will be pumped to fill both the production casing and the annulus.		