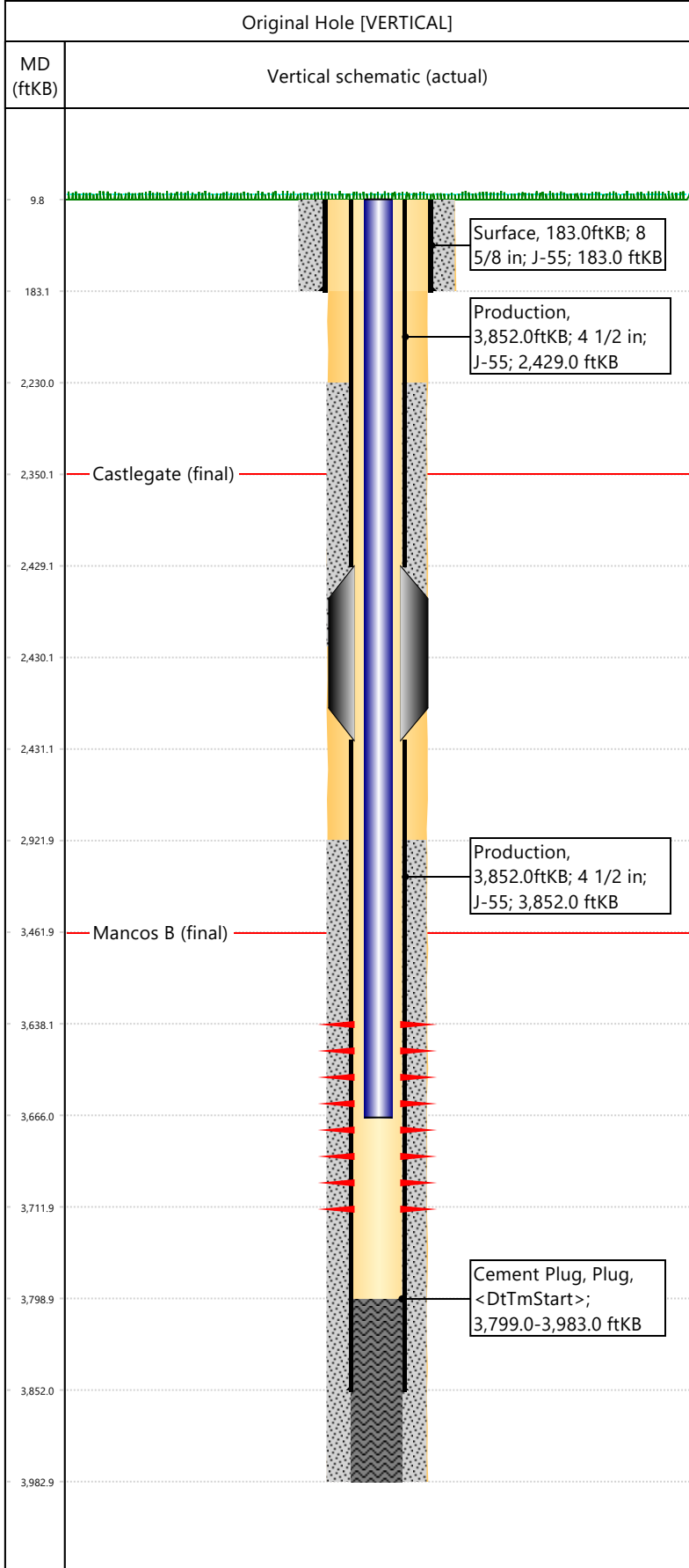


Well Name: FED 21-1

API/UWI 05103080170000	Surface Legal Location 21-03S-101W	Field Name Cathedral	License #	State/Province CO	Well Configuration Type VERTICAL
Original KB Elevation (ft) 7,414	KB-Tubing Head Distance (ft)	Spud Date 4/21/1977 00:00	Rig Release Date	PBTD (All) (KB)	Total Depth All (TVD) (KB)



Hole Size		Size (in)	Bottom Depth (ftKB)			
Section Description	Surface	12 1/4	183.0			
Section Description	Production	7 7/8	3,983.0			
Formations						
Formation Name	Castlegate	Final Top MD (ftKB)	2,350.0			
Formation Name	Mancos B	Final Top MD (ftKB)	3,462.0			
Casing Strings						
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)		
Surface	8 5/8	24.00	J-55	183.0		
Production	4 1/2	10.50	J-55	3,852.0		
Perforations						
Date	Top (ftKB)	Btm (ftKB)	Zone			
9/9/1977	3638	3712				
Total						
Tubing Strings						
Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)			
Tubing - Production	9/9/1977	3,656.00	3,666.0			
Item Des	Icon	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing			2 1/16	3.25	J-55	3656
Rod Strings						
Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)			
Item Des	Icon	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Other In Hole						
Des	Icon	OD (in)	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Cement						
Description	Proposed/Actual Run	Type	Top Depth (ftKB)			
Surface Casing Cement	Actual	Casing	10.0			
Production Casing Cement	Actual	Casing	2,230.0			
Cement Plug	Actual	Plug	3,799.0			