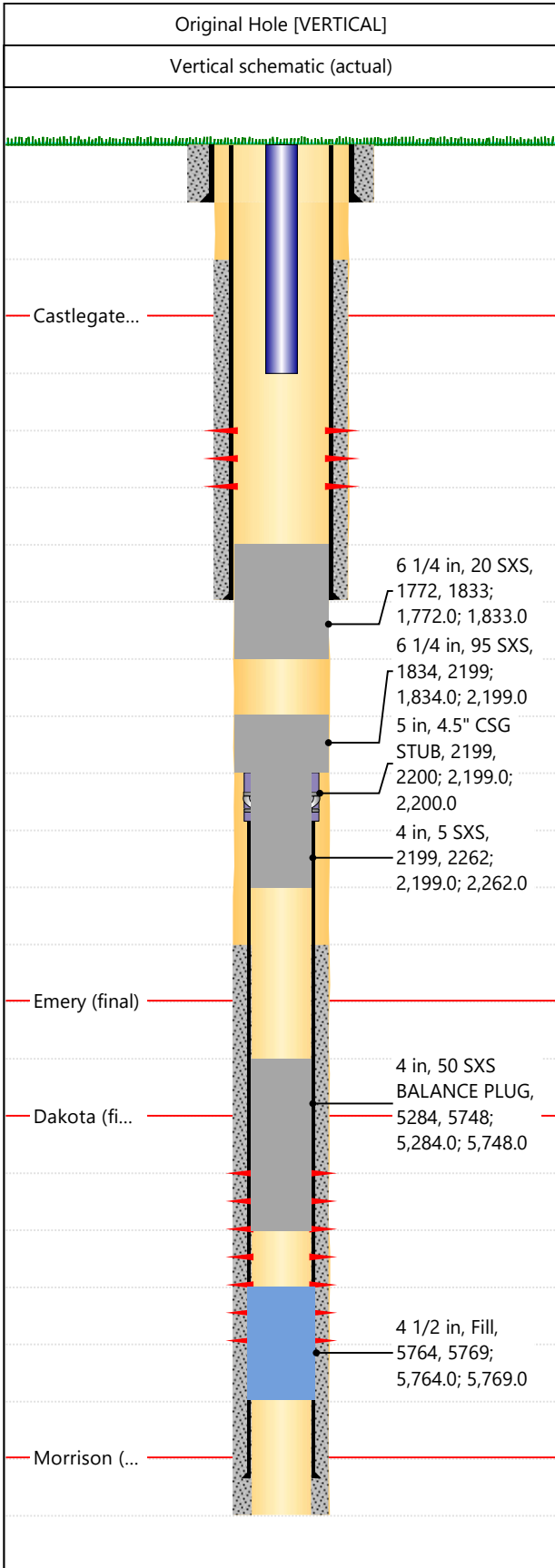


Well Name: CATHEDRAL FEDERAL O-31-3S-101W

API/UWI 05103082490000	Surface Legal Location 31-03S-101W	Field Name Cathedral	License #	State/Province CO	Well Configuration Type VERTICAL
Original KB Elevation (ft) 7,022	KB-Tubing Head Distance (ft)	Spud Date 9/4/1978 00:00	Rig Release Date	PBTD (All) (KB)	Total Depth All (TVD) (KB)



Casing Strings				
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9 5/8	36.00	J-55	173.0
Intermediate	7	23.00	J-55	1,782.0
Production	4 1/2	10.50	J-55	5,850.0

Perforations			
Date	Top (ftKB)	Btm (ftKB)	Zone Name
9/18/1986	1732	1756	Castlegate
7/27/1979	5698	5766	Dakota

Tubing Strings						
Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)			
Tubing - Production	9/18/1986	1,710.50	1,719.5			
Item Des	Icon	Jts	Model	OD (in)	Grade	Len (ft)
Tubing			Integral Jt.	2 1/16	J-55	1710.5

Other In Hole					
Run Date	Description	Icon	OD (in)	Top (ftKB)	Btm (ftKB)
9/4/1986	Fill		4 1/2	5764	5769
9/5/1986	50 SXS BALANCE PLUG		4	5284	5748
9/6/1986	4.5" CSG STUB		5	2199	2200
9/7/1986	5 SXS		4	2199	2262
9/7/1986	95 SXS		6 1/4	1834	2199
9/8/1986	20 SXS		6 1/4	1772	1833

Cement Tops	
Description	Top Depth (ftKB)
Surface Casing Cement	9.0
Intermediate 1 Casing Cement	1,575.0
Production Casing Cement	2,443.0

Formations		
Formation Name	Final Top MD (ftKB)	Final Top (TVD) (ftKB)
Castlegate	1,710.0	
Emery	2,798.0	
Dakota	5,582.0	
Morrison	5,835.0	

Jobs			
Primary Job Type	Start Date	Objective	AFE Number
Original Completion		Perforation History	Perforation History
Recompletion		Cath Fed O-31-3S-101W - RECLAIM PIT	09123191