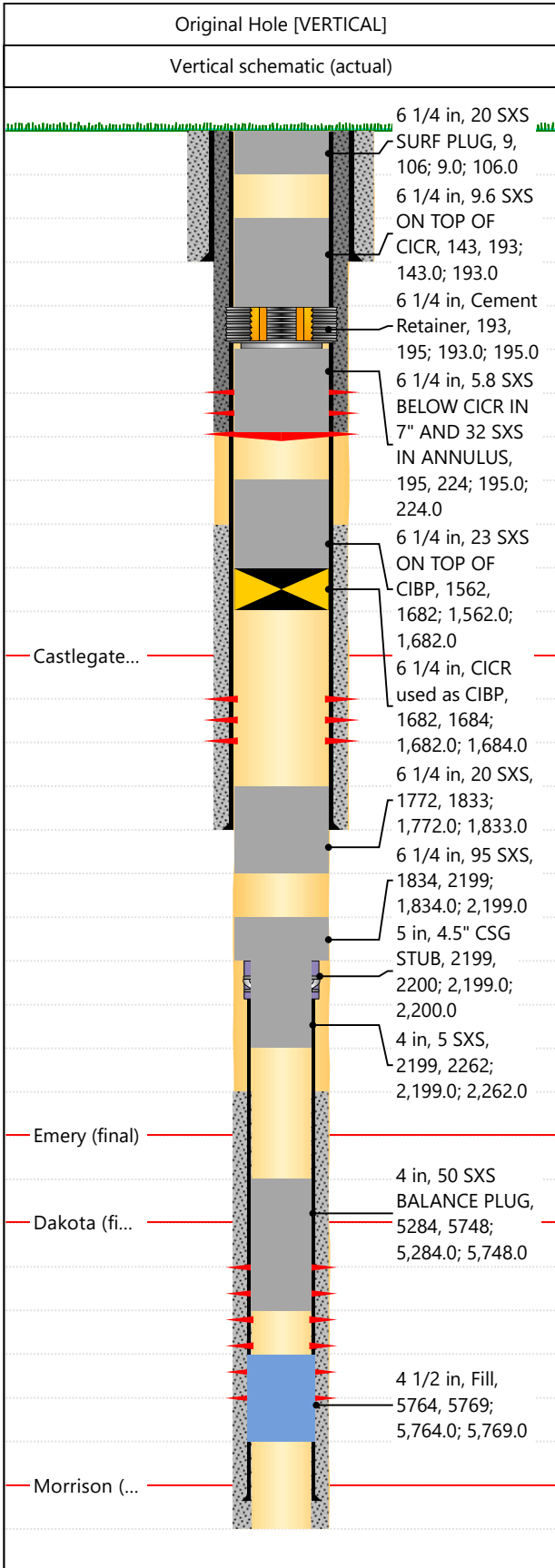


Well Name: CATHEDRAL FEDERAL O-31-3S-101W

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
1/27/2026	223	224	PA sqz perms
9/18/1986	1732	1756	Castlegate
7/27/1979	5698	5766	Dakota

Other In Hole					
Run Date	Description	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	
1/27/2026	CICR used as CIBP	6 1/4	1682	1684	
1/27/2026	23 SXS ON TOP OF CIBP	6 1/4	1562	1682	
1/27/2026	Cement Retainer	6 1/4	193	195	
1/27/2026	5.8 SXS BELOW CICR IN 7" AND 32 SXS IN ANNULUS	6 1/4	195	224	
1/27/2026	9.6 SXS ON TOP OF CICR	6 1/4	143	193	
1/27/2026	20 SXS SURF PLUG	6 1/4	9	106	

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