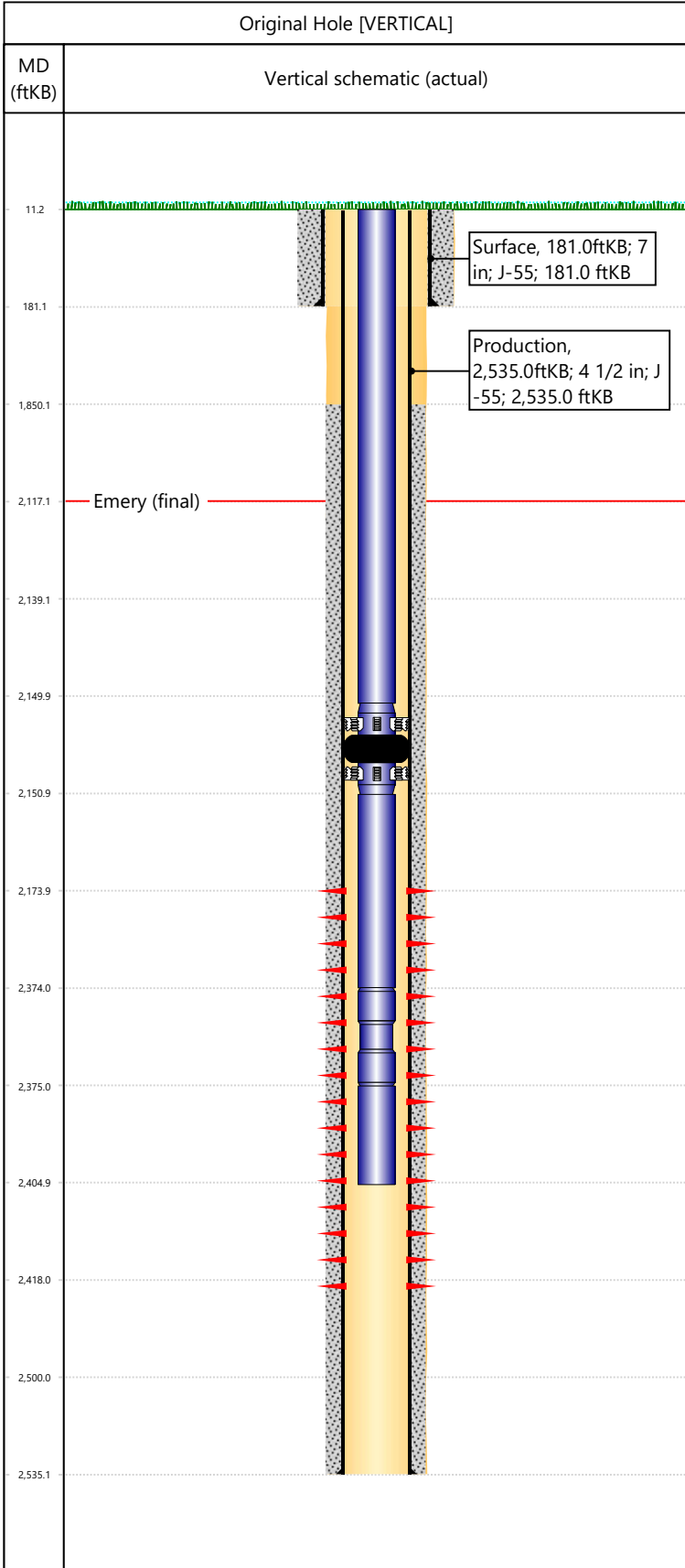


Well Name: CATHEDRAL FEDERAL 07-18-2S-101W

API/UWI 05103082510000	Surface Legal Location 18-02S-101W	Field Name Cathedral	License #	State/Province CO	Well Configuration Type VERTICAL
Original KB Elevation (ft) 6,104	KB-Tubing Head Distance (ft)	Spud Date 8/18/1978 00:00	Rig Release Date	PBTD (All) (KB) Original Hole - 2,494.0	Total Depth All (TVD) (KB)



Hole Size		
Section Description	Size (in)	Btm Depth (ftKB)
Surface	9 7/8	181.0
Section Description	Size (in)	Btm Depth (ftKB)
Production	6 1/4	2,535.0

Formations	
Formation Name Emery	Final Top MD (ftKB) 2,117.0

Casing Strings				
Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7	24.00	J-55	181.0
Production	4 1/2	10.50	J-55	2,535.0

Perforations			
Date	Top (ftKB)	Btm (ftKB)	Zone
10/15/1978	2174	2418	Emery, Original Hole

Total

Tubing Strings			
Tubing Description Tubing - Production	Run Date 7/20/1994	String Length (ft) 2,394.00	Set Depth (ftKB) 2,405.0

Item Des	Icon	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)
Tubing		69	2 3/8	4.70	J-55	2139
Packer			2 3/8			1
Tubing		7	2 3/8	4.70	J-55	223
Landing Nipple			2 3/8			1
Tubing Pup Joint		1	2 3/8			30

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 Production Casing Cement	Proposed/Actual Run Actual	Type Casing	Top Depth (ftKB) 1,850.0
Description Surface Casing Cement	Proposed/Actual Run Actual	Type Casing	Top Depth (ftKB) 11.0