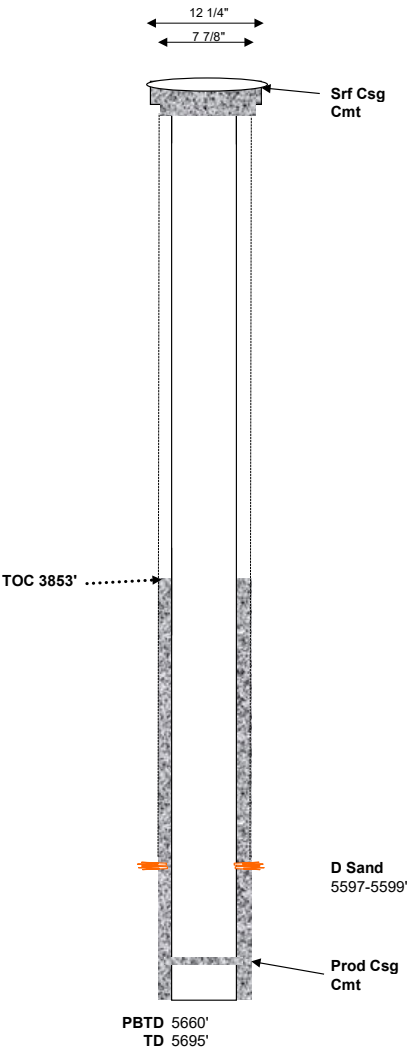


Western Operating Company



General Well Info			
Well Name:	Messenger 3	Field:	Adena
Diagram Date:	1/15/2025	County:	Morgan
Srf Location:	SESW 25 2N58W 6	State:	CO
Spud Date:	10/1/1954	API #:	05-087-05587
GL Elev:	4469'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara	4763'		
Carlile	5159'		
D Sand	5549'		
J Sand	5637'		

TOC Calculation		
15.5# cement	1.16	cuft/sx
slurry density	275	sx
Volume of cement	319	cuft
Piping	5.7737	ft/cuft
Cement height	1841.8103	ft
Casing Set Depth	5695	ft
Calculated TOC	3853	ft