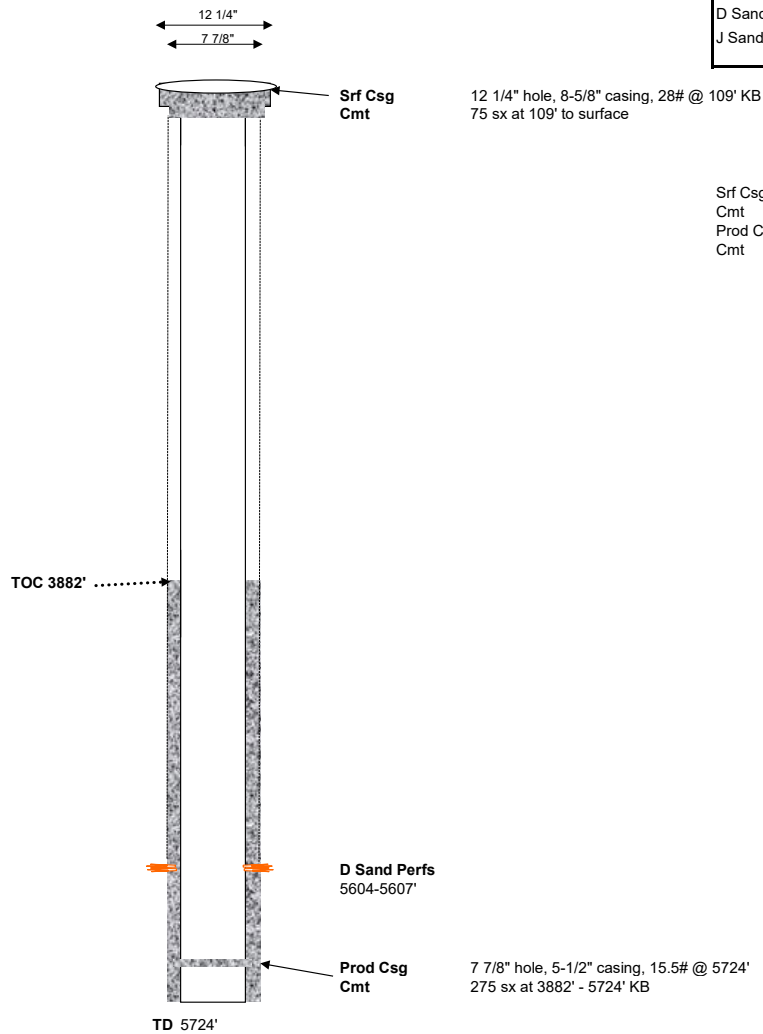


Western Operating Company



General Well Info			
Well Name:	Messenger 2	Field:	Adena
Diagram Date:	1/15/2025	County:	Morgan
Srf Location:	NESW 25 2N58W 6	State:	CO
Spud Date:	8/26/1954	API #:	05-087-05602
GL Elev:	4494'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara	4731'		
Carlile	5171'		
D Sand	5556'		
J Sand	5647'		

Srf Csg 12 1/4" hole, 8-5/8" casing, 28# @ 109' KB
Cmt 75 sx at 109' to surface
Prod Csg 7 7/8" hole, 5-1/2" casing, 15.5# @ 5724'
Cmt 275 sx at 3882' - 5724' KB

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	5724	ft
Calculated TOC	3882	ft