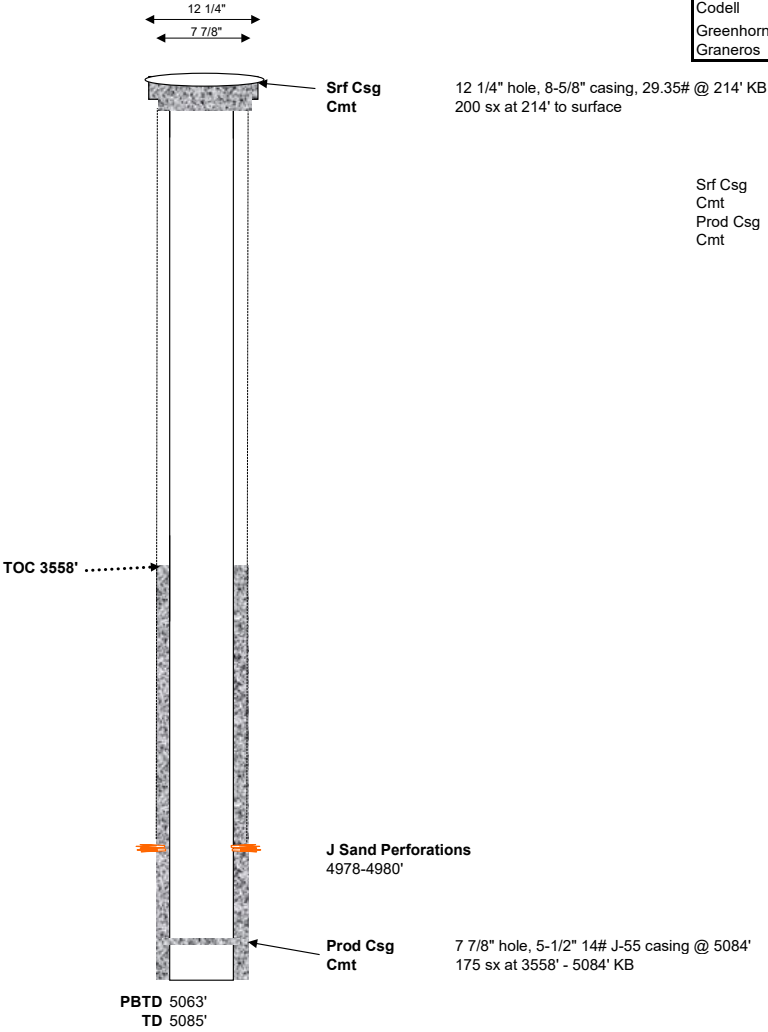


Western Operating Company

General Well Info			
Well Name:	Forbes #1-23	Field:	Rago North
Diagram Date:	1/20/2025	County:	Washington
Srf Location:	NWNE 23 1N54W 6	State:	CO
Spud Date:	12/23/1954	API #:	05-121-06744
GL Elev:	4740'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara	3992'	Upper Muddy	4876'
Fort Hays	4306'	J Sand	4946'
Codell	4529'		
Greenhorn	4564'		
Graneros	4632'		



Srf Csg 12 1/4" hole, 8-5/8" casing, 29.35# @ 214' KB
Cmt 200 sx at 214' to surface
Prod Csg 7 7/8" hole, 5-1/2" 14# J-55 casing @ 5084'
Cmt 175 sx at 3558' - 5084' KB

TOC Calculation		
15# cement	1.51	cuft/sx
slurry density	175	sx
Volume of cement	264.25	cuft
Piping	5.7737	ft/cuft
Cement height	1525.700225	ft
Casing Set Depth	5084	ft
Calculated TOC	3558	ft