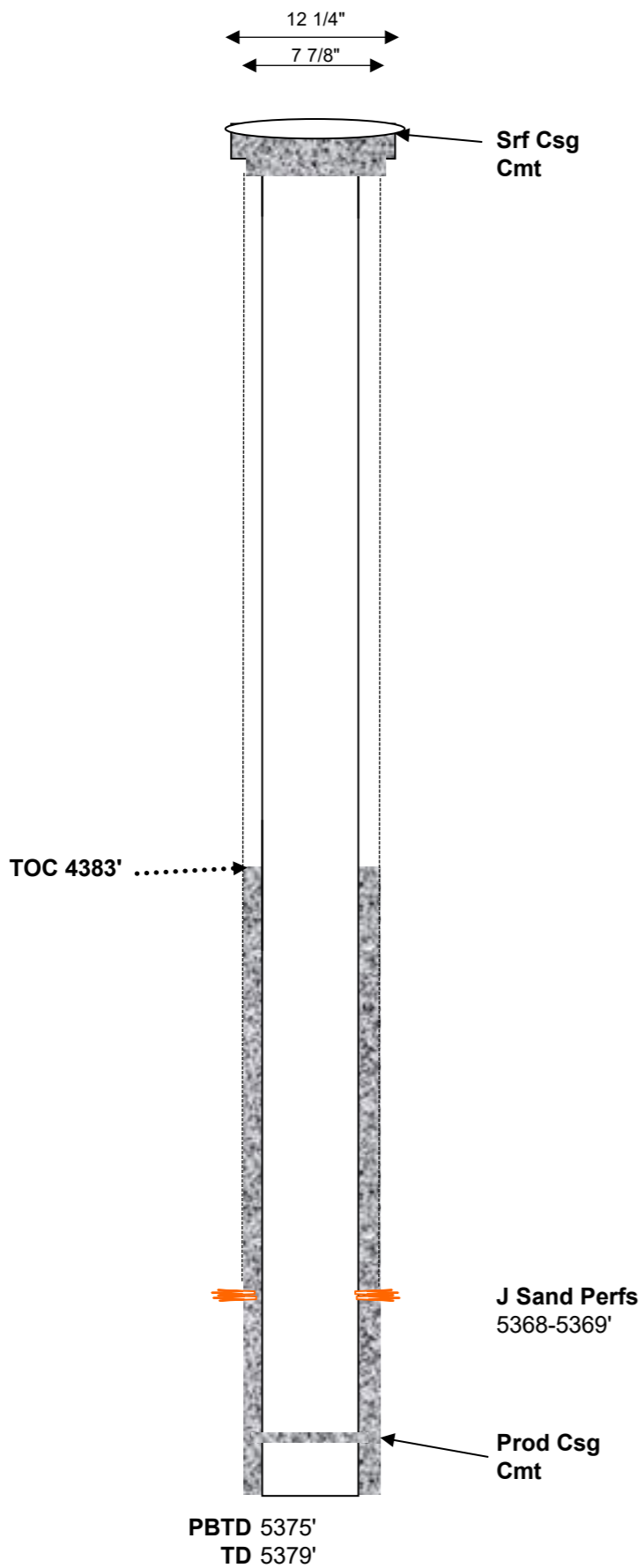


**Western Operating Company**

General Well Info			
Well Name:	John Nelson #2	Field:	Liberty West
Diagram Date:	1/13/2025	County:	Logan
Srf Location:	NESE 6 8B54W 6	State:	CO
Spud Date:	7/28/1953	API #:	05-075-06076
GL Elev:	4386'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara	4467'	J Sand	5330'
Timpas	4733'		
Carlile	4787'		
Greenhorn	4974'		
Dakota	5226'		



12 1/4" hole, 10 3/4" H-40 casing, 32# @ 168' KB  
115 sx at 168' to surface

Srf Csg 12 1/4" hole, 10 3/4" H-40 casing, 32# @ 168' KB  
Cmt 115 sx at 168' to surface  
Prod Csg 7 7/8" hole, 5 1/2" J-55 casing, 15.5# & 14# @ 5379'  
Cmt 150 sx at 4383' - 5379' KB

TOC Calculation	
15# cement slurry density	1.15 cuft/sx
	150 sx
Volume of cement	172.5 cuft
Piping	5.7737 ft/cuft
Cement height	995.96325 ft
Casing Set Depth	5379 ft
<b>Calculated TOC</b>	<b>4383 ft</b>

7 7/8" hole, 5 1/2" J-55 casing, 15.5# & 14# @ 5375'  
150 sx at 4383' - 5379' KB