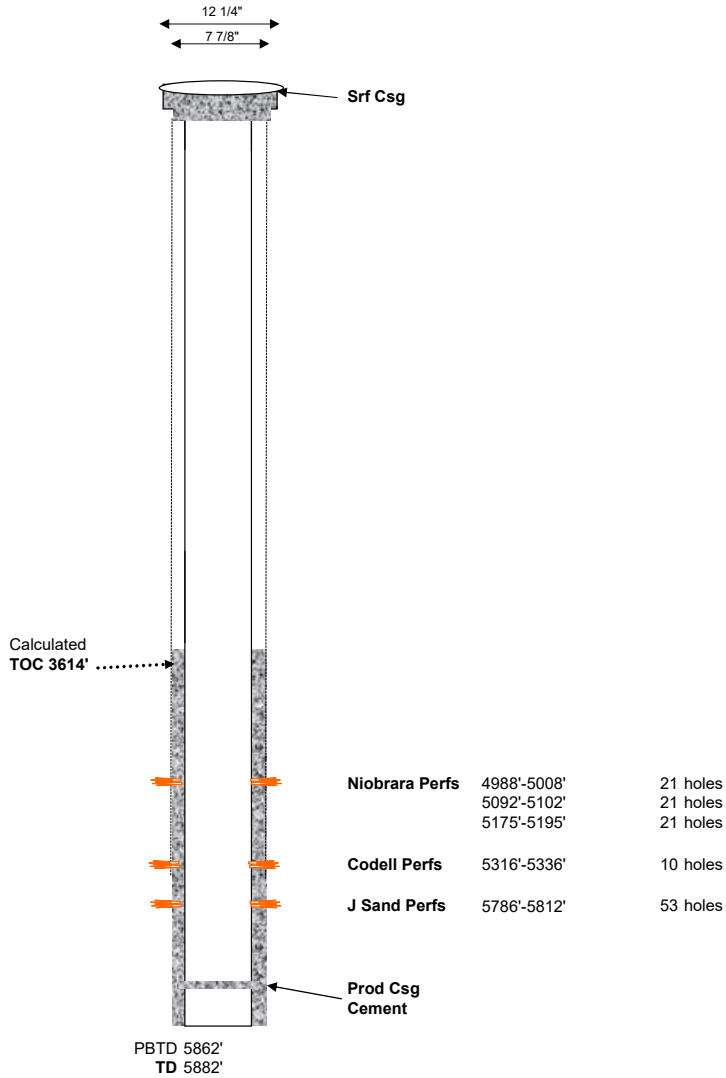


Magpie Operating Inc



General Well Info			
Well Name:	Warberg 3	Field:	Loveland
Diagram Date:	6/17/2024	County:	Larimer
Srf Location:	SENE 32 5N68W	State:	CO
Spud Date:	10/24/1987	API #:	05-069-06282
GL Elev:	5039'	KB Elev:	5050'
Formation Tops			
Zone	Depth	Zone	Depth
Parkman	1390'	Codell	5315'
Sussex	2030'	Muddy	5760'
Shannon	2425'	J Sand	5780'
Niobrara	4985'	Skull Creek	5815'
Fort Hays	5295'		

Srf Csg 12 1/4" hole, 8-5/8" casing, 25# @ 228
 Cmt 200 sx at 228' to surface
 Prod Csg 7 7/8" hole, 4-1/2" casing, 10.5# and 11.6# @ 5877
 Cmt 400 sx at 3614' - 5862'

TOC Calculation	
Assume 15#	1.28 cuft/sx
slurry density	400 sxs
Volume of cement	512 cuft
Piping	4.39 ft/cuft
Cement height	2248 ft
Casing Set Depth	5862 ft
Calculated TOC	3614 ft