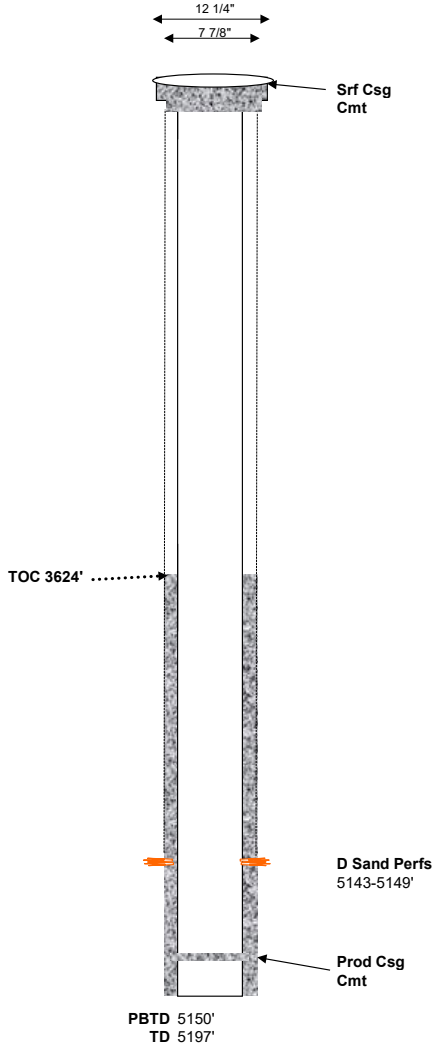


Western Operating Company

General Well Info			
Well Name:	Bobcat D Sand Unit #20	Field:	Bobcat
Diagram Date:	1/17/2025	County:	Washington
Srf Location:	NWSW 9 1S56W 6	State:	CO
Spud Date:	2/2/1954	API #:	05-121-06583
GL Elev:	4533'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara	4373'		
Timpas	4683'		
Greenhorn	4949'		
D Sand	5124'		



12 1/4" hole, 10-3/4" 32.75# H-40 casing @ 93' KB
85 sx at 93' to surface

Srf Csg 12 1/4" hole, 10-3/4" 32.75# H-40 casing @ 93' KB
Cmt 85 sx at 93' to surface
Prod Csg 7 7/8" hole, 5-1/2" 13#, J-55 casing @ 5150'
Cmt 175 sx at 3624' - 5150' 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	1525.7002	ft
Casing Set Depth	5150	ft
Calculated TOC	3624	ft

7 7/8" hole, 5-1/2" 13#, J-55 casing @ 5150'
175 sx at 3624' - 5150' KB