



Impetro Resources, LLC

UNK
UNK

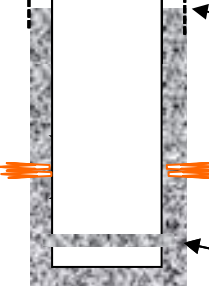


Srf Csg UNK hole, 10 3/4", 32.75# @ 136'
Cement 100 sks at 136' to Surface

General Well Info			
Well Name:	Ward Unit #4	Field:	Abbott
Diagram Date:	12/17/2024	County:	Washington
Srf Location:	NWNE 10 2S54W	State:	Colorado
Spud:	8/4/1954	API #:	05-121-06121
GL Elev:	4764'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara	3969'	D Sand	4763'
Timpas	4290'	J Sand	4815'
Bentonite	4682'		

Srf Csg UNK hole, 10 3/4", 32.75# @ 136'
Cmt 100 sks at 136' to Surface
1st Csg UNK hole, 5 1/2", 23&17# @ 4817'
Cmt 55 sks at 4449-4817'

TOC Calculation		
23&17# cement	1.16	cuft/sx
slurry density	55	sx
Volume of cemen	63.8	cuft
Piping	5.7737	ft/cuft
Cement height	368.36206	ft
Casing Set Dept	4817	ft
Calculated TOC	4449	ft



TOC @ 4449'

J Sand Perfs 4815-4817'

Prod Csg UNK hole, 5 1/2", 23&17# @ 4817'
Cement 55 sks at 4449-4817'

TD 4817' KB