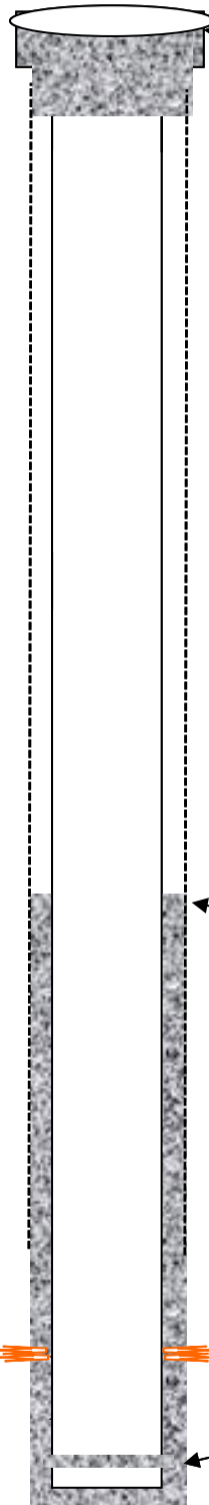




Impetro Resources, LLC

General Well Info			
Well Name:	Helget #1	Field:	Morgan
Diagram Date:	12/12/2024	County:	Chaparral
Srf Location:	NWNW 18 1N58W	State:	Colorado
Spud:	5/14/1984	API #:	05-087-07810
GL Elev:	4668'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara	4978'	D Sand	5925'
Timpas	5484'	J Sand	5975'

12 1/4"
7 7/8"



Srf Csg 12 1/4" hole, 8 5/8", 24# @ 179'
Cement 180 sks at 179' to surface

Srf Csg 12 1/4" hole, 8 5/8", 24# @ 179'
Cmt 180 sks at 179' to surface
1st Csg 7 7/8 hole, 4 1/2", 10.5# @ 6150'
Cmt 150 sks at 4808-6116'

TOC Calculation		
14# cement	1.51	cuft/sx
slurry density	150	sx
Volume of cement	226.5	cuft
Piping	5.7737	ft/cuft
Cement height	1307.7431	ft
Casing Set Depth	6116	ft
Calculated TOC	4808	ft

TOC @ 4808 ft

J Sand Perfs 6028'-6033'

Prod Csg 7 7/8 hole, 4 1/2", 10.5# @ 6125'
Cement 150 sks at 4808-6125'

PBTD 6116' KB
TD 6150' KB