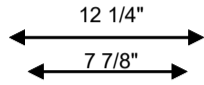




**Impetro Resources, LLC**

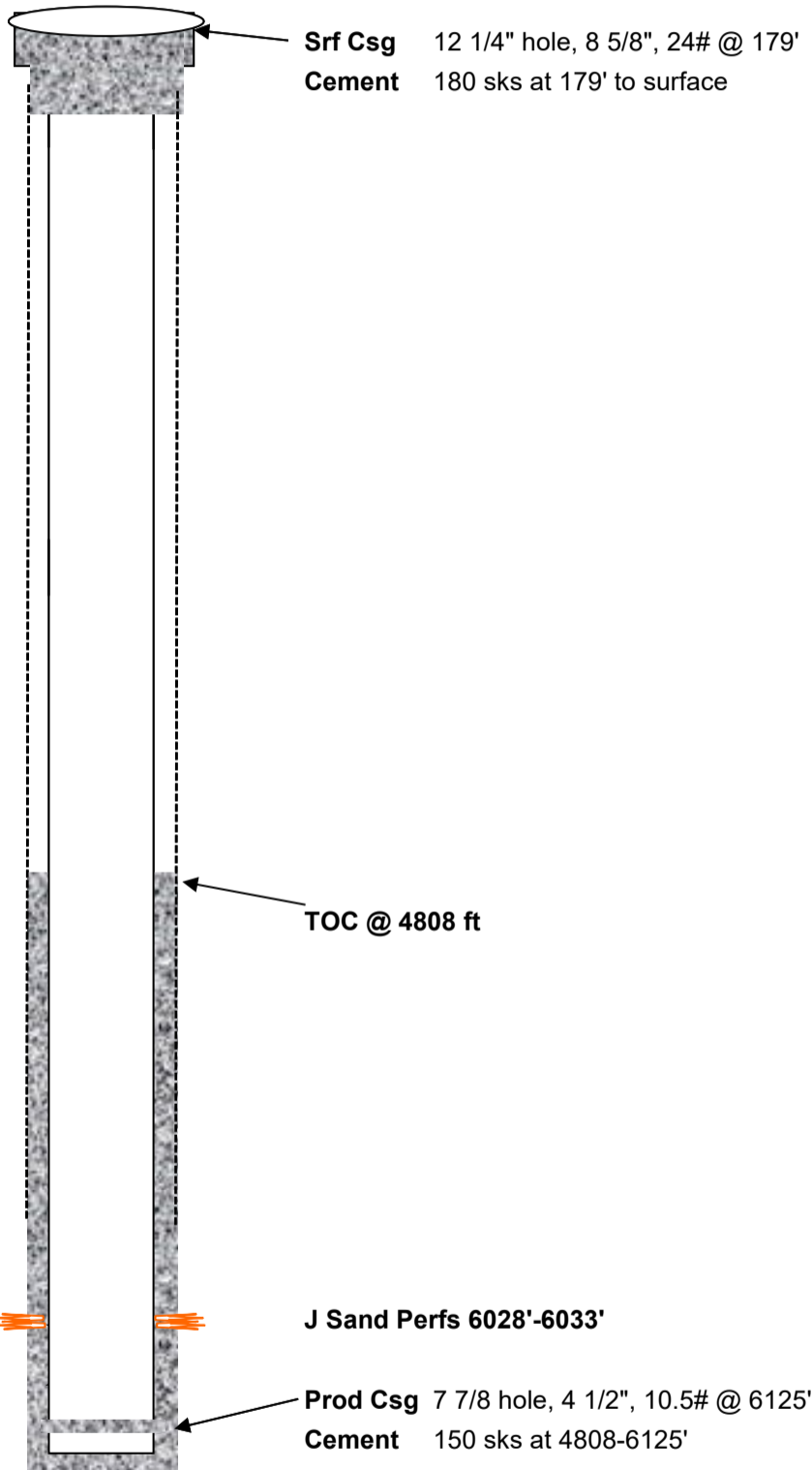
General Well Info			
<b>Well Name:</b>	Helget #1	<b>Field:</b>	Morgan
<b>Diagram Date:</b>	12/12/2024	<b>County:</b>	Chaparral
<b>Srf Location:</b>	NWNW 18 1N58W	<b>State:</b>	Colorado
<b>Spud:</b>	5/14/1984	<b>API #:</b>	05-087-07810
<b>GL Elev:</b>	4668'		
Formation Tops			
Zone	Depth	Zone	Depth
Niobrara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



**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# @ 6125'  
 Cmt 150 sks at 4808-6125'

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



PBTD 6116' KB  
 TD 6150' KB