

Peterson Max 1
 API 05-087-05130
 SENE SEC. 27 T1N R56W 6PM

Existing Completion

Elev 4,546'

Proposed P&A

Shoe at 251'
 10 3/4" Surface casing
 Est. 13 3/4" hole size
 150 sacks cement

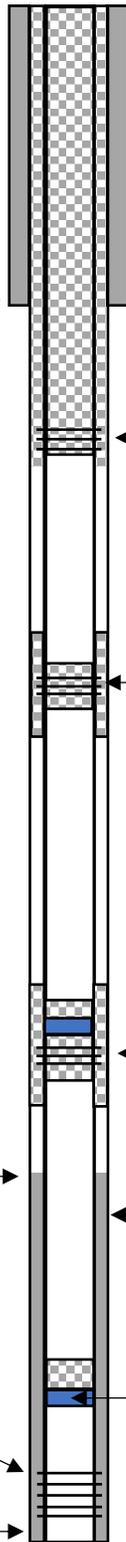
Formation Tops (COGCC):

Formation	Interval Top
NIOBRARA	4240 ft.
TIMPAS	4669 ft.
CARLILE	4728 ft.
GREENHORN	4794 ft.
DAKOTA	5114 ft.

Offset Deepest Groundwater Perfs (From SEO)	Permit Number
103'	210551--A
165'	72925-

*Offset groundwater depths include depths reported for groundwater wells within a 1-mile radius and are assumed in feet below ground surface. Data is from the Colorado State Engineer's Office's database

TOC



50' cement required inside casing and annulus at surface

Perfs at 351', cement to surface inside and out
 -Squeeze 53 sacks annulus
 -42 sacks for plug
 95 sacks total

Perfs at 1,500'
 -12 sacks for casing plug
 -30 sacks in annulus

CICR at 3,950'
 Perfs at 4,000'
 -Squeeze 60 sacks
 -Leave 4 sacks on top of CICR

Est. Top of production string cement 4202' (Calc)

Top of Niobrara 4,240'

Completed interval: 5,160' – 5,176'

Bridge plug at 5,110' + 4 sacks cement

TD = 5,198' MD
 5 1/2" Production casing
 Est. 7 7/8" hole size
 150 sacks of cement

NOT DRAWN TO SCALE

Measured depths displayed, TVD unknown

Proposed Cement
 Existing Cement

Figure 1