Peterson Max 1

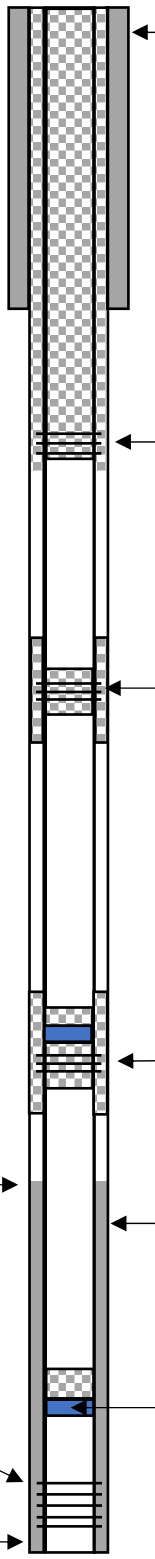
API 05-087-05130

SENE SEC. 27 T1N R56W 6PM

Existing Completion

Elev 4,546’

Proposed P&A



TOC

50’ cement required inside casing and annulus at surface

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.

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

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

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

CICR at 5,090’
Perfs at 5,140’
-Squeeze 40 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 ½” Production casing
Est. 7 7/8” hole size
150 sacks of cement

NOT DRAWN TO SCALE

Measured depths displayed, TVD unknown

Drafted By: BFB
Date: 11/3/24

Peterson Max 1
Proposed P&A Wellbore Diagram
Western Operating Company

Proposed Cement

Existing Cement

Figure 1