

Peck A-1
 API 05-121-06775
 NENE SEC. 15 T1N R54W 6PM

Existing Completion

Elev 4,596'

Proposed P&A

TOC

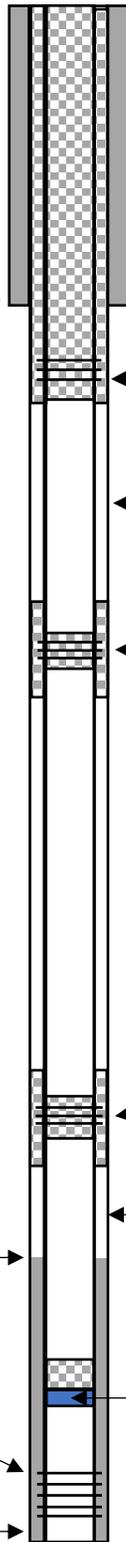
Shoe at 214'
 8 5/8" Surface casing
 12 1/4" hole size (Based on Jefferson #2 offset well 05-121-08321)
 150 sacks cement
 (Red indicates assumed hole diameter)

Formation Tops (COGCC):

Formation	Log Top
NIORARA	4007
FORT HAYS	4304
CARLILE	4364
GREENHORN	4460
BENTONITE	4703
D SAND	4798
J SAND	4863
SKULL CREEK	5030

Offset Groundwater Depths (From SEO)	Permit Number
22'	316239
26'	119592

*Offset groundwater depths include all 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 314', cement to surface inside and out. 24 sacks casing plug, 62 sacks annulus. 86 sacks total

Upper Pierre Aquifer Base Est. 1,115'
 Extrapolated from DWR Xsec E-E', Well E18

Perfs at 1,500'
 -8 sacks for casing plug
 -40 sacks in annulus

Perfs at 3,900'
 -8 sacks for casing plug
 -40 sacks in annulus

Top of Niobrara 4,007'

Bridge plug at 4,816' + 25' cement

Est. top of production string cement ~4212'
 (Entrada calc assuming 7 7/8" hole size)

Completed interval: 4,866' – 4,880'

TD = 4,970' MD
 4 1/2" Production casing
 7 7/8" hole size (based on bit size recorded on Jefferson #2 offset well mudlog)
 150 sacks of cement

NOT DRAWN TO SCALE

Measured depths displayed, TVD unknown

Drafted By: BFB
 Date: 4/22/2022

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Proposed P&A Wellbore Diagram
Western Operating Company

 Proposed Cement
 Existing Cement



Figure 1