Peck A-1

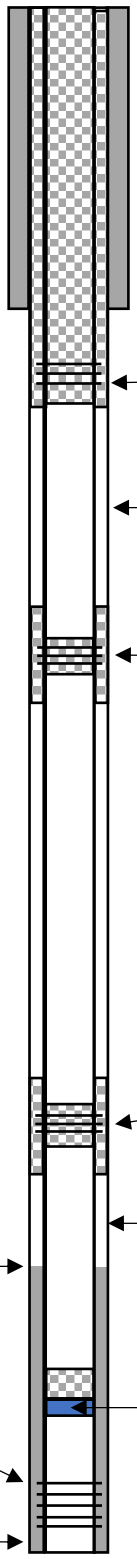
API 05-121-06775
NENE SEC. 15 T1N R54W 6PM

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

Note: If perfs at 314' will take fluid but do not circulate or circulation is lost, pump a minimum of 50 sx and displace to 114', 100' above the surface shoe, WOC and tag at 164' or shallower. Notify COGCC Area Engineer of insufficient cement prior to pumping additional plugs.

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

Formation Tops (COGCC):

Formation	Log Top
NIOBRARA	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 3,900'
-8 sacks for casing plug
-40 sacks in annulus

Top of Niobrara 4,007'

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

Completed interval: 4,866' – 4,880'

Bridge plug at 4,816' + 25' cement

TD = 4,970' MD
4 ½" 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: 4/13/2024

Peck A-1
Proposed P&A Wellbore Diagram
Western Operating Company

Proposed Cement
Existing Cement

DORADO GEOLOGIC

Figure 1