

Linnebur 21-8

API 05-001-09394
NENW SEC. 8 T3S R60W 6PM

Existing Completion

Elev 4,958'

Proposed P&A

TOC

Shoe at 540'
8 5/8" Surface casing
12 1/4" hole size
385 sacks cement

Formation Tops (COGCC):

Formation	Log Top
FORT HAYS	5980
CARLILE	6013
BENTONITE	6266
BAXTER	6266
D SAND	6363
J & SUSSEX	6457
J SAND	6457
NIOBRARA	6539

*Niobrara typo above. Correlated at 5,650' MD using offset well 001-06025 ID/R logs

Offset Groundwater Depths (From SEO)	Permit Number
90'	58450-F
53'	84204

*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

Est. top of production string cement ~5,646' (Entrada calc)

Bridge plug at 6,288' + 12.5' cement
(Set in 2018 per Doc# 401699344)

Completed interval: 6,388' – 6,494'

TD = 6,563' MD
Casing TD = 6,530' MD
4 1/2" Production casing
7 7/8" hole size
175 sacks of cement

Perfs at 640', 49 sacks for casing plug, squeeze 127 sacks for annulus. 175 sacks total

Perfs at 2,450'
-8 sacks for casing plug (100')
-40 sacks for annulus (200')

Perfs at 5,600'
-8 sacks for casing plug (100')
-40 sacks for annulus (200')

Top of Niobrara 5,650'
(Correlated using Induction/Resistivity log from Linnebur 32-8, 001-06025)

NOT DRAWN TO SCALE

Measured depths displayed,
TVD unknown



 Proposed Cement
 Existing Cement



Figure 1