



Existing

Proposed

Antelope 42-31

API: 05-123-32834

Surface Casing/Hole

Fox Hills Base

198'

200 sx

0'

Top of Cmt

Casing Size/Depth: 8 5/8, 24#/ft @

434'

Hole Size/Depth: 13 1/2" @

434'

484'

Bottom of Cmt

90 sx

1800'

Top of Cmt

2000'

Jet Cut

2050'

Bottom of Cmt

Top of Cement

2270'

4 sx

Niobrara Top

6257'

6,200'

Niobrara Perfs

6,262' - 6,364'

Codell Perfs

6,488' - 6,498'

Production Casing/Hole

Casing Size/Depth

4 1/2" x 11.6#/ft @

6639'

Hole Size/Depth

7 7/8" @

6648'

New Cement

Existing Cement

New CIBP

Existing CIBP

New CICR

Existing CICR

Sand Plug