

Existing

KB=10'

Proposed

HSR-Elliot Farms 7-18**API: 05-123-17972**Surface Casing/Hole

Casing Size/Depth

8-5/8", 24#/ft @ 587'

Hole Size/Depth

12-1/4" @ 595'

Fox Hills Formation Base < 587

Cmt to Surf

100'

280'

Stub Plug Top

210 sx

800'

Stub Plug Bottom

~316 bbl

Sussex
TopNo perfs
3965'

3750'

TOC

455 sx

Shannon
BaseNo perfs
4566'

4620'

Cut Casing

4670'

TOC ID

25 sx

5555

BOC Plug

~5 bbl

TOC 6258'

6260

Niobrara Plug

Niobrara Top

6885'

25 sx

Niobrara Perfs

6948' - 6951'

6870'

Codell Perfs

7160' - 7163'

Production Casing/Hole

Casing Size/Depth

2-7/8" 6.5 #/ft 7292'

Hole Size/Depth

7-7/8" 7311'

Existing cement

CICR

Existing CICR

CIBP

Existing CIBP

New Cement

Drilling mud