

Existing

KB=10'

Proposed

Henrickson Amoco 41-19A

API: 05-123-16078

Surface Casing/Hole

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

Hole Size/Depth: 12 1/4" @

466'

475'

Cmt to Surf

80'

260'

Stub Plug Top

Fox Hills Formation Marker 1000'

490 sx

1100'

1200'

Shoot Off/Pull

Stub Plug Bottom

Sussex

No perfs

Top

4323'

3 bbls

4150'

4120'

ID cmt top

250 sx

4520'

Sqz Perf

No SN producers within 1 mile

TOC - OD 6640'

30 sx

6640'

TOC - ID

Niobrara top

7095'

Niobrara Perfs

7104' - 7116'

7040'

Codell Perfs

7360' - 7372'

2 sx

7400'

J-Sand Perfs

7803' - 7852'

Production Casing/Hole

Casing Size/Depth 4 1/2" x 11.6#/ft @ 7611'

Hole Size/Depth 7 7/8" @ 7625'

Deepened Liner 2.88" @ 7935'

Deepend OH 3.88" @ 7966'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Sand Plug