

Existing

KB=10'

Proposed

Paul Schmidt 13-33

API: 0512318439

Surface Casing/Hole

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

Hole Size/Depth: 12 1/4" @

Fox Hills Formation Marker

704'

720'

1149'

Cmt to Surf

100'

500'

Stub Plug Top

470 sx

1350'

1450'

Shot Off

Stub Plug Bottom

Stg TOC

4039'

Sussex Top

4370'

Sqz Perfs

None

20 sx

4170'

TOC Plug

Stg BOC

5149'

Shannon Base

5152'

Sqz Perfs

None

25 sx

4770'

BOC Plug

TOC

6294'

TOC Plug

6308'

Niobrara Top

7095'

25 sx

BOC Plug

7080'

Niobrara Perfs

7148' - 7151'

7080'

Codell Perfs

7364' - 7374'

7487'

Production Casing/Hole

Casing Size/Depth

2 7/8" x6.4#/ft @

7526'

Hole Size/Depth

7 7/8" @

7539'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Sand Plug