

Existing

KB=10'

Proposed

Margaret 8-18

API: 05-123-18845

Surface Casing/Hole

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

Hole Size/Depth: 12 1/4" @

Fox Hills Formation Marker

621'

625'

667'

Cmt to Surf**100'**

420'

Stub Plug Top

220 sx

870'

Shot Off

970'

Stub Plug Bottom

Stg TOC

3720'

Sussex Top

3997'

Sqz Perfs

None

30 sx

3795'

TOC Plug

Stg BOC

4770'

Shannon Base

4546'

Sqz Perfs

None

4400'

BOC Plug

TOC

6334'

Niobrara Top

6864'

25 sx

6460'

TOC Plug

Niobrara Perfs

6929' - 6930'

6864'

6864'

BOC Plug

Codell Perfs

7138' - 7148'

Production Casing/Hole

Casing Size/Depth

3 1/2" x7.7#/ft @

7262'

Hole Size/Depth

7 7/8" @

7288'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement