

Existing

KB=10'

Proposed

Rademacher Louis J GU 1

API: 05-123-08208

Surface Casing/Hole

Casing Size/Depth: 8.625, 24#/ft @

Hole Size/Depth: 12.25" @

Fox Hills Formation Marker

204'

215'

725'

Cmt to Surf

100'

100'

Stub Plug Top

500 sx

930'

Crack Coupling

1030'

Stub Plug Bottom

~44 bbls

Sussex

No perfs

Top

4090'

3920'

3732'

TOC ID

3890'

Top Perf

Shannon

No perfs

Base

4709'

480 sx

4760'

Bottom Perf

~27 bbls

6392'

TOC ID

6550'

Top Perf

6580'

80 sx

6790'

Bottom Perf

TOC 6800'

Niobrara Top

6971'

No perfs

J Sand Perfs

7667' - 7642'

2 sx

7580'

Production Casing/Hole

Casing Size/Depth

4.5" x11.6 / 11.6#/ft @

7770'

Hole Size/Depth

7.875" @

7770'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Drilling Mud