

Existing

KB=10'

Proposed

Sam Funakoshi Gas Unit #1

API: 05-123-08426

Surface Casing/Hole

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

Hole Size/Depth: 12 1/4" @

217'

225'

Cmt to Surf**100'**

100'

Stub Plug Top

100 sx

320'

Crack Coupling

Est. Top of Existing Cement

307'

420'

Stub Plug Bottom

Est. Bottom of Existing Cement

616'

477'

TOC ID

635'

Top Perf

Fox Hills Formation Marker

1207'

665'**960 sx**

1410'

Bottom Perf

~44 bbls

4130'

TOC ID

4280'

Top Perf

Sussex

No perfs

Top

4488'

4310'**450 sx**

4890'

Bottom Perf

Shannon

No perfs

Base

Absent

~28 bbls

6630'

TOC ID

6790'

Top Perf

Niobrara Top

7190'

No perfs

6820'**70 sx**

6970'

Bottom Perf

Estimated TOC 6982'

2 sx**7835'**

J Sand Perfs

7930' - 7968'

Production Casing/Hole

Casing Size/Depth

4 1/2" x11.6#/ft @

8040'

Hole Size/Depth

7 7/8" @

8040'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Drilling Mud