

Existing

KB=10'

Proposed

NELSON HAROLD UN A 1

API: 0512307947

Surface Casing/Hole

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

Hole Size/Depth: 12 1/4" @

Fox Hills Formation Marker

Est. Bottom of Existing Cement

221'

225'

493'

500'

Cmt

150'

121'

TOC Surf Suicide

585'

Top Perf

625'

100 sx

695'

Bottom Perf

3725'

TOC ID

3890'

Top Perf

Sussex

No perfs

Top

4098'

Sqz TOC

4294'

4294'

Bottom Perf

4294'

TOC Plug

Shannon Base

4649'

Sqz Perfs/Csg Leak

4325'

Sqz BOC

4325'

4425'

BOC Plug

6415'

TOC ID

6580'

Top Perf

6610'

50 sx

6700'

Bottom Perf

Niobrara Top

6983'

No perfs

Estimated TOC

6720'

J Sand Perfs

7694' - 7709'

2 sx

7600'

Production Casing/Hole

Casing Size/Depth

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

7812'

Hole Size/Depth

7 7/8" @

7820'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Sand Plug