Existing | KB=12' | Proposed

Harkis 34-2

API: 05-123-21404

Surface Casing/Hole

Casing Size/Depth: 8 5/8, 24#/ft @ 821'
Hole Size/Depth: 12 1/4'' @ 830'

Fox Hills Marker 1234'

Calc TOC - OD 3060'

Sussex Top 4251'
Perfs None

No SN producers within 1 mile

Calc Cmt btm - OD 4800'

Calc TOC - OD 6095'

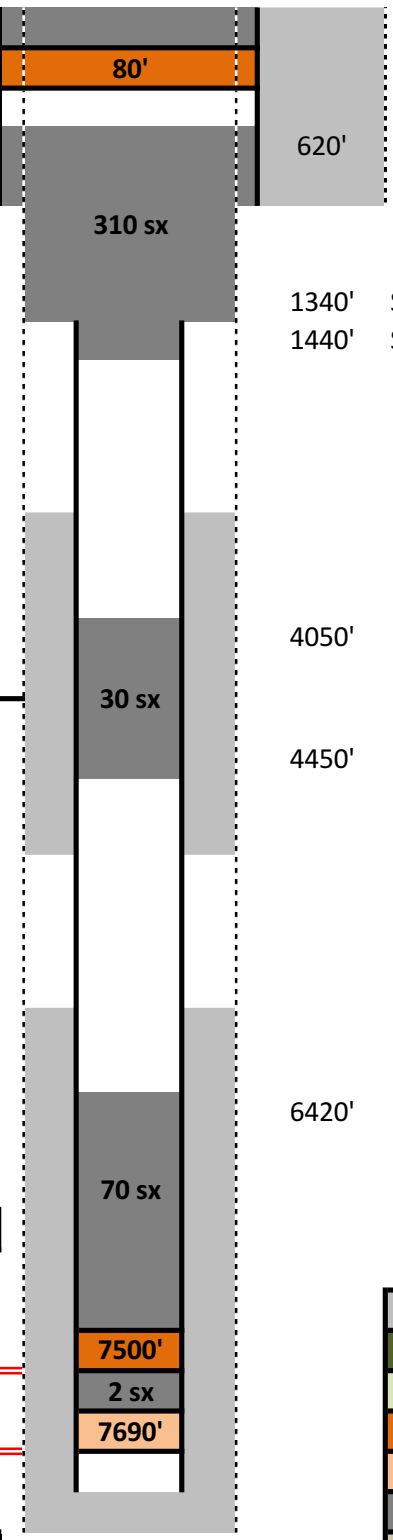
Niobrara Top 6828'

J-Sand Perfs 7550' - 7610'

Dakota Perfs 7758' - 7765'

Production Casing/Hole

Casing Size/Depth 4 1/2'' x 11.6#/ft @ 7799'
Hole Size/Depth 7 7/8'' @ 7857'



Existing Cement
New CICR
Existing CICR
New CIBP
Existing CIBP
New Cement
Sand Plug