

Existing

KB=15'

Proposed

UPRR 42 Pan Am S #1

API: 05-123-08727

Surface Casing/Hole

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

783'

80'

Hole Size/Depth: 12 1/4" @

783'

580'

Stub Plug Top

Fox Hills Formation Marker 1121'

510 sx

1220'

Shoot off Casing

1320'

Cmt bottom

Sussex Top	4507'
Squeeze Perfs	none

3 bbls

4330'

4300'

Top squeeze perf

820 sx

Shannon	5107'
Squeeze Perfs	none

SH producer within 1 mile

5500'

Btm squeeze perf

Calc TOC Cement - OD 7349

Niobrara Top 7412

3 bbls

7040'

7010'

Top squeeze perf

110 sx

7310'

Btm squeeze perf

J Sand Perfs	8110' - 8136'
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2 sx

8050'

Production Casing/Hole

Casing Size/Depth 4 1/2" x 10.5#/ft @ 8250'

Hole Size/Depth 7 7/8" @ 8250'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Sand Plug