

Existing

KB=10'

Proposed

**UPRR 42 PAN AM J #1**

API: 05-123-07737

Surface Casing/Hole

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

219'

80'

Hole Size/Depth: 12 1/4" @

222'

100'

Stub Plug Top

Fox Hills Formation Marker

615'

240 sx

500'

Shoot off

Cement top

533'

600'

BOC

Cement bottom

856'

Sussex Top 4577'

Squeeze Perfs 4260'-4261', 4278'-4279'

OD Sussex cmt from 4198' to 4280'

3 bbls

3990'

3960'

Top Sqz Perf

130 sx

4160'

Btm Sqz Perf

Shannon 5249'

Squeeze Perfs 4990'-4991'

OD Sussex cmt from 4600' to 5002'

25 sx

4800'

TOC-ID

5100'

BOC-ID

TOC Niobrara Cement 6400'

6930'

TOC Plug

Niobrara Top 7330'

50 sx

Squeeze Perfs 7520'-7521'

Codell Perfs 7630' - 7650'

7560'

2 sx

J Sand Perfs 8088' - 8115'

8000'

Production Casing/Hole

Casing Size/Depth 4 1/2" x 10.5/11.6#/ft @

8224'

Hole Size/Depth

7 7/8" @

8229'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Sand Plug