

Existing

Proposed

KB: 5019'

GL: 5008'

UPRR 38 Pan Am GU H2

API: 05-123-10055

Surface Casing/Hole

Casing Size/Depth: 8 5/8, 24#/ft @ 297'
 Hole Size/Depth: 12 1/4" @ 297'

Est. Top of Existing Cement 320'
 DV tool @ 830' cmt'd w/300 sx
 Fox Hills Formation Marker 1340'

Csg leaks @ 830', 1346' & 2169'
 Cmt'd w/450sx total Dec-94

Sussex Top 4477' No Perfs.

Cement squeeze 8/95 4601'-4470' Est.

Shannon Top 4994' No Perfs

Niobrara Top 7177'
 No perfs

Existing TOC 7212' Estimated

J Sand Perfs 7910' - 7966'

Production Casing/Hole

Casing Size/Depth 4.5" 10.5, 11.6 #/ft @ 8087'
 Hole Size/Depth 7.875" @ 8100'

Cmt**100'****60 sx****90 sx****4290'****130sx****6800'****170 sx****2 sx****7880'**

100'

4102'

4260'

4460'

6612'

6770'

7190'

TOC ID

60sk plug 410' - 100'
 Cut csg @ 310'

90 sk cement plug in
 4 1/2" csg 2200'-600'

TOC ID

Top Perf

Bottom Perf

TOC ID

Top Perf

Bottom Perf

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement**Drilling Mud**