

Existing

KB=10'

Proposed

**Houston B 3-16A**

API: 05-123-18932

Surface Casing/Hole

Casing Size/Depth: 8 5/8, 24#/ft @ 609'

Hole Size/Depth: 12 1/4" @ 626'

TOC-OD 6243'

6439' TOC - ID

Niobrara Top 6764'

Niobrara Perfs 6839' - 6841'

Fish @ 7056'

Codell Perfs 7053' - 7064'

Fish @ 7098'

Fish @ 7119'

7098' BOC - ID

J-Sand Perfs 7503' - 7548'

Fish @ 7517'

Fish @ 7532'

Production Casing/Hole/Liner

Casing Size/Depth 3-1/2" x 7.7#/ft @ 7186'

Hole Size/Depth 7 7/8" @ 7206'

Liner Size/Depth 2-3/8" x 4.7#/ft @ 7660'

Hole Size/Depth 2 7/8" @ 7663'

30 sx

Existing Cement

New CIBP

Existing CIBP

New Cement

Existing Cement

New CIBP

Sand Plug