

Existing

KB=10'

Proposed

MCHALE HAZEL UN B 1

API: 0512308332

Surface Casing/Hole

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

Hole Size/Depth: 12 1/4" @

Fox Hills Formation Marker

594'

600'

751'

Cmt to Surf

80'

390'

Stub Plug Top

290 sx

960'

Shot Off

1060'

Stub Plug Bottom

Cement Sqz From 3167' to 3340'; Perfs/Leak: 3340'

3240'

TOC ID

11 bbls

Sussex

No perfs

Top

4100'

3900'

Top Perf

3930'

490 sx

4500'

Bottom Perf

Shannon

No perfs

Base

4700'

TOC

6660'

Niobrara Top

7022'

6620'

TOC Plug

25 sx

7000'

BOC Plug

Niobrara Perfs

7076' - 7088'

7000'

Codell Perfs

7288' - 7306'

2 sx

7675'

J Sand Perfs

7728' - 7764'

Production Casing/Hole

Casing Size/Depth 4 1/2" x10.5 / 11.6#/ft @

7870'

Hole Size/Depth

7 7/8" @

7870'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Sand Plug