Existing | KB=16' | Proposed

Harkis 32-2

API: 05-123-21099

Surface Casing/Hole

Casing Size/Depth: 8 5/8, 24#/ft @ 884'
Hole Size/Depth: 12 1/4'' @ 884'

Fox Hills Marker 1203'

No SH wells productive within 1 mile

Sussex Top	4282'	
Perfs	None	

DV Tool 4831'

TOC - OD 6466'

Niobrara Top	6904'

J-Sand Perfs	7583' - 7620'
Dakota Perfs	7770' - 7777'

Production Casing/Hole

Casing Size/Depth	4 1/2'' x 11.6#/ft @	7890'
Hole Size/Depth	7 7/8'' @	7890'

80'

680' Stub Plug TOC

230 sx

1310' Shoot Off

1410' Stub Plug btm

3960'

100 sx

3930' TOC - ID

4130' Cmt btm - ID

70 sx

6500' TOC - ID

7520'

2 sx

7755'

Existing Cement
New CICR
Existing CICR
New CIBP
Existing CIBP
New Cement
Sand Plug