API:	**05-123-17550**	**ELEVATION:**	**4867**	**QTR-QTR:**	**NESE**
WELL NAME:	**Sarchet 33-9L**	**GROUND LEVEL:**	**4856**	**SECTION:**	**33**
COUNTY:	**WELD**	**MD:**	**7890**	**TWNSHIP:**	**3N**
LATITUDE:	**40.1799**	**PBMD:**	**7880**	**RANGE:**	**67W**
LONGITUDE:	**-104.8881**	**CREATED BY:**	**Ryan Hollinshead**		
		DATE:	**12/16/2015**		

Existing DATUM: RKB **Proposed**

KB=10'

Hole Size/Depth 12 1/4" - 632'

Surface Casing

Casing Size/Depth: 8 5/8, 23#/ft @ 623'

Cmt to Surface

80'

400' TOC inside casing

Fox Hills Formation Marker 1297'

470 sx

1.33 yld

1500' BOC

Sussex No perfs

Top 4198'

Sussex is productive within 1 mile

4000' Top of Cmt

Shannon No perfs

Base 4462'

Shannon is productive within 1 mile

270 sx

1.15 yld

4510' Btm of Cmt

3 bbls

6530'

120 sx

1.66 yld

6900' Btm Squeeze Perf

OH TOC (calc) 7009'

Niobrara Top 7115'

1 sx

7260'

Codell Perfs 7365' - 7376'

1 sx

7390'

Liner Top 7426'

Liner TOC (from CBL) 7426'

Production Casing/Hole

Casing Size/Depth 3 1/2'' x 7.7#/ft @ 7559'

Hole Size/Depth 7 7/8" (bit size) @ 7582'

J Sand Perfs 7801' - 7856'

Deepened Liner

Casing Size/Depth 2-3/8'' x 4.7#/ft @ 7890'

Hole Size/Depth 3" (bit size) @ 7890'

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

New Cement

Sand Plug

Existing Mud