API:	**05-123-20682**		**K. MILAM**	**DATE:**	**Oct 27, 2020**
WELL NAME:	**POGG 1-13A**	**ELEVATION:**	**4808**	**QTRQTR:**	**NENE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4796**	**SEC:**	**13**
LATITUDE:	**40.23053**	**MD:**	**7895**	**TWN:**	**3N**
LONGITUDE:	**-104.83263**	**PBMD:**	**7873**	**RNG:**	**67W**

Existing

DATUM: RKB
KB=12'

Proposed

Hole Size/Depth 12-1/4" / 788'

Deepest water well in 1 mile - 360'

620 Sx Cmt

Surface Casing 8-5/8", 24#/ft set @ 778'

16 sx
1.15 yld
50' BOC
Cmt to Surface

90 sx
1.23 yld
728' TOC
880' BOC

110 sx
1.23 yld
1300' TOC
1500' BOC
1500' Cut casing

Sussex NOT productive in 1 mile
Top 4226'
Base 4439'
Shannon Base 4817' - NOT productive in 1 mile

TOC (from CBL) 6400'

2 sx
6950'

Niobrara Top 7010'
Niobrara Perfs 7025' - 7180'

Codell Perfs 7296' - 7312'

2 sx
7690'

J Sand Perfs 7756' - 7800'

275 Sx Cmt

Production Casing 4-1/2", 11.6#/ft set @ 7887'

Hole Size/Depth 7-7/8" / 7895'

New Cement
Existing Cement
New CICR
Existing CICR
New CIBP
Existing CIBP
Treated Water
Brine
Mud
Sand Plug