API:	**05-123-11252**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**Mar 28, 2023**
WELL NAME:	**UPRR 42 PAN AM AQ TRUE 1**	**ELEVATION:**	**4949**	**QTRQTR:**	**SESE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4934**	**SEC:**	**17**
LATITUDE:	**40.13377**	**MD:**	**8093**	**TWN:**	**2N**
LONGITUDE:	**-104.79566**	**PBMD:**	**8035**	**RNG:**	**66W**

Existing DATUM: RKB KB=15' **Proposed**

Hole Size/Depth 12-1/4" / 815'

110 sx
1.21 yld
cmt to surface

Deepest water well in 1 mile - 320'

300'

400 Sx Cmt

Surface Casing 9-5/8", 36#, J-55 set @ 806'

350 sx
1.21 yld
756' TOC

Upper Pierre Aquifer Base 1780'

1.21 yld
1600' TOC in csg
45 sx
In Csg
1600' TOC behind csg
75 sx
Sqz'd
2000' Perfs/BOC

TOC (from CBL) 3570'

Sussex Productive in 1 mile
Top 4470'
Base 4689'
Shannon Base Absent

10 sx
4628'
4545' TOC in csg
90 sx
4658' Perfs/BOC

10 sx
7150'
7070' TOC in csg
90 sx
7180' Perfs/BOC

Niobrara Top 7179'

4 sx
7860'

J Sand Perfs 7908' - 7960'

1150 Sx Cmt

Production Casing 5-1/2", 15.5#, J-55 set @ 8091'
Hole Size/Depth 7-7/8" / 8093'

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