API:	**05-123-12570**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**7-Sep-2022**
WELL NAME:	**UPRR 39 PAN AM F 1**	**ELEVATION:**	**4907**	**QTRQTR:**	**NESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4897**	**SEC:**	**5**
LATITUDE:	**40.2519557**	**MD:**	**10827**	**TWN:**	**3N**
LONGITUDE:	**-104.6896429**	**PBMD:**	**7857**	**RNG:**	**65W**

Existing — DATUM: RKB, KB=10' — **FINAL**

Hole Size/Depth 12-1/4" / 1220'

TOC (from CBL) SURF

Deepest water well in 1 mile - 380'

165 sx
1.21 yld
15.8 ppg

550 Sx Cmt

Surface Casing 9-5/8", 36#, J-55 set @ 1220'

1280'
100 sx
1.21 yld 15.8 ppg

1400'
100 sx
1.21 yld 15.8 ppg

1540'
100 sx
1.21 yld 15.8 ppg

1870'
125 sx
1.20 yld
15.8 ppg

Stage 2 - DV Tool @ 3182'

BOC (from CBL) 3250'

3230'
105 sx
1.17 yld
15.8 ppg

TOC (from CBL) 3922'

4500'
105 sx
1.17 yld
15.8 ppg

Sussex Perfs 4534' - 4572'

Sussex Productive in 1 mile
Top 4275'
Base '
Shannon Base ' - NOT productive in 1 mile

Squeeze Perfs BOC 4700'

215 sx

TOC 6356'

5050'
125 sx
1.52 yld
15.8 ppg

Niobrara Top 6980'

Niobrara Perfs 7002' - 7158'

6972'
110 sx
1.52 yld
15.8 ppg

4 sx
7200'

Ft Hays Perfs 7253' - 7255'

Codell Perfs 7269' - 7283'

4 sx
7670'

J Sand Perfs 7725' - 7790'

1020 Sx Cmt — Float 7857'

Production Casing 5-1/2", 17#, I-80 set @ 7945'

TOC Bal Plug (Calc) 8467'
BOC Bal Plug 8717'

75 Sx
1.15 yld

Cored Open-hole Section

Hole Size/Depth 7-7/8" / 10827'

67'	Csg Punches
90'	Csg Punches
157'	Csg Punches
460'	Csg Punches
691'	Csg Punches
1000'	Csg Punches
1200'	Tgd TOC/BOC in csg
1275'	Perfs
1300'	Perfs
1344'	Perfs/BOC
1400'	ETOC in csg
1432'	Perfs
1502'	ETOC in csg
1575'	Attmp cut csg
1581'	Tgd TOC in csg
1900'	Perfs/BOC
3144	ETOC in csg
3260	Perfs/BOC
4418'	ETOC in csg
4534'	Perfs/BOC
4878'	ETOC in csg
5000'	Perf/TOC
5500'	Perf/BOC
6890'	ETOC in csg
7002'	Perfs/BOC

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