API:	**05-123-22150**	**CREATED BY:**	**K. MILAM**	**DATE:**	**Jul 27, 2021**
WELL NAME:	**GRAZNAK 10-11**	**ELEVATION:**	**4931**	**QTRQTR:**	**NWSE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4915**	**SEC:**	**11**
LATITUDE:	**40.2380345**	**MD:**	**8012**	**TWN:**	**3N**
LONGITUDE:	**-104.7425378**	**PBMD:**	**7970**	**RNG:**	**66W**

Existing — DATUM: RKB, KB=16' — **Proposed**

Hole Size/Depth 12-1/4" / 654'

80 sx 1.15 yld — 250' BOC — Cmt to Surface

Deepest water well in 1 mile - 430'

260 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 640'

120 sx 1.21 yld — 590' TOC — 740' BOC

740' Cut casing

25 sx in csg 1.21 yld — 1500' TOC

Upper Pierre Aquifer Base 1599'

85 sx behind 15.8 ppg — 1800' Perf/BOC

10 sx 1.21 yld — 3750' TOC in csg — 3850' Perfs/TOC in OH

3910'

15.8 ppg 65 sx — 4050' Perfs/BOC

TOC (from CBL) 4150'

Sussex Productive in 1 mile

Top 4289.4395'

Base 4567.8364'

Shannon Base Absent

2 sx

Niobrara Top 7072.85'

7000'

Niobrara Perfs 7070' - 7240'

Codell Perfs 7356' - 7371'

7600' SAND PLUG

J Sand Perfs 7812' - 7878'

550 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7986'

Hole Size/Depth 7-7/8" / 8012'

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