API:	**05-123-17883**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**February 22nd, 2023**
WELL NAME:	**MARKHAM 15-11I8**	**ELEVATION:**	**4933**	**QTRQTR:**	**NESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4922**	**SEC:**	**15**
LATITUDE:	**40.3104363**	**MD:**	**7267**	**TWN:**	**4N**
LONGITUDE:	**-104.9929409**	**PBMD:**	**7219**	**RNG:**	**68W**

Existing — DATUM: RKB, KB=11' — **FINAL**

Hole Size/Depth 12-1/4" / 539'

Deepest water well in 1 mile - 550'

357 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 532'

Sussex Productive in 1 mile
Top 3521'
Base 3687'
Shannon Base 4138' - NOT productive in 1 mile

TOC (from CBL) 5998'

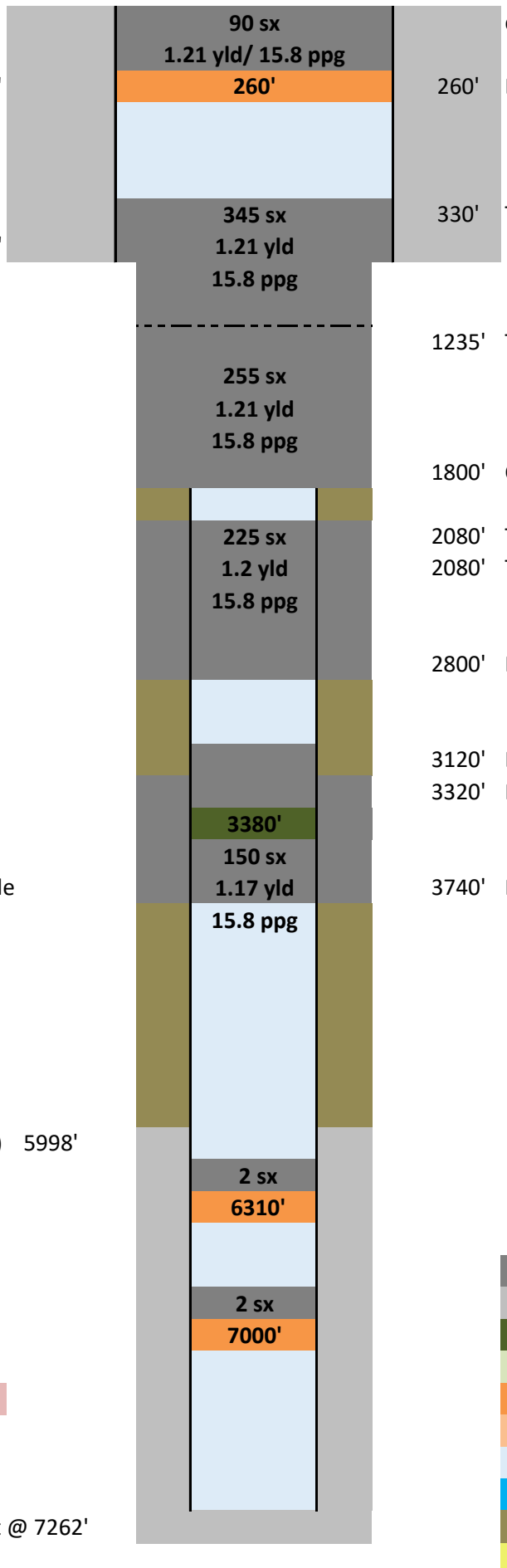
Niobrara Top 6359'

J Sand Perfs 7086' - 7114'

260 Sx Cmt

Production Casing 3-1/2", 7.7#, B-70 set @ 7262'

Hole Size/Depth 7-7/8" / 7267'



260' BOC OH

330' Tged TOC OH

1235' Tged TOC/BOC

1800' Cut csg/BOC

2080' Tged TOC in csg
2080' TOC behind csg

2800' Perfs/BOC

3120' ETOC in csg
3320' Perfs/TOC in annu

3740' Perfs/BOC

cmt to surface

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