API:	**05-123-16542**	**CREATED BY:**	**C. MARTIN**	**DATE:**	**Sep 7, 2021**
WELL NAME:	**HEIMARK 6-2**	**ELEVATION:**	**4767**	**QTRQTR:**	**SENW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4757**	**SEC:**	**2**
LATITUDE:	**40.2561906**	**MD:**	**7320**	**TWN:**	**3N**
LONGITUDE:	**-104.8598879**	**PBMD:**	**7263**	**RNG:**	**67W**

Existing | DATUM: RKB, KB=10' | **Proposed**

Hole Size/Depth 12-1/4" / 655'

75 sx
1.21 yld — 250' BOC — Cmt to Surface

Deepest water well in 1 mile - 200'

460 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 652'

120 sx
1.21 yld — 602' TOC — 755' BOC/Cut casing

1.21 yld — 1700' TOC in csg
25 sx — 1700' TOC behind csg
In Csg
85 sx
Sqz'd — 2000' Perfs/BOC

Sussex NOT productive in 1 mile
Top 4096'
Base 4299'
Shannon Base 4650' - NOT productive in 1 mile

TOC (from CBL) 6030'

2 sx
Niobrara Top 6890' — **6840'**

Niobrara Perfs 6884' - 7046'

Codell Perfs 7162' - 7181'

200 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7304'

Hole Size/Depth 7-7/8" / 7320'

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