API:	**05-123-08120**	**CREATED BY:**	**C. MARTIN**	**DATE:**	**Sep 27, 2024**
WELL NAME:	**EUGENE D MUSE GAS UNIT 1**	**ELEVATION:**	**5030**	**QTRQTR:**	**NENW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**5016**	**SEC:**	**10**
LATITUDE:	**40.2449348**	**MD:**	**8011**	**TWN:**	**3N**
LONGITUDE:	**-104.765893**	**PBMD:**	**7941**	**RNG:**	**66W**

Existing

DATUM: RKB
KB=14'

Existing

Hole Size/Depth 12-1/4" / 209'

10 sx
1.21 yld
cmt to surface

Deepest water well in 1 mile - 748'

105'

175 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 209'

35 sx
1.21 yld
159' TOC

570'

95 sx
600' Perfs/BOC

200 sx cmt DV Tool/est BOC 896'

15 sx
1170' TOC in csg
1300' Perfs/TOC

1360'

Upper Pierre Aquifer Base 1910'

210 sx
1.21 yld
2000' Perfs/BOC

15 sx
3640' TOC in csg
3770' Perfs/TOC

Sussex
Top 4070'

3830'

195 sx
1.19 yld
4270' Perfs/BOC

15 sx
6270' TOC in csg
6400' Perfs/TOC

6460'

150 sx
1.52 yld
6900' Perfs/BOC

6950'

Niobrara Top 7120'

100 sx

est TOC 7211'

J Sand Perfs 7858' - 7892'

200 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 8011'

Hole Size/Depth 7-7/8" / 8011'

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