

API:	05-123-16360	CREATED BY:	M. Guerrero	DATE:	May 26, 2021
WELL NAME:	HSR-Big George 14-35	ELEVATION:	4850	QTRQTR:	SESW
COUNTY:	WELD	GROUND LEVEL:	4840	SEC:	35
LATITUDE:	40.2637946	MD:	8082	TWN:	4N
LONGITUDE:	-104.7479397	PBMD:	7987	RNG:	66W

Existing

Hole Size/Depth

12-1/4" / 446'

Deepest water well in 1 mile - 400'

310 Sx Cmt

Surface Casing

8-5/8", 24#, J-55 set @ 446'

Sussex Productive in 1 mile

Top 4242'

Base 4539'

Shannon Base Absent

TOC (from CBL) 6170'

Niobrara Top 7005'

Niobrara Perfs 7007'-7179'

Codell Perfs 7302'-7315'

J Sand Perfs 7770'-7816'

556 Sx Cmt

Production Casing

4-1/2", 11.6#, I-70 set @ 8067'

Hole Size/Depth

7-7/8" / 8082'

DATUM: RKB

KB=10'

16 sx

1.15 yld

120 sx

1.23 yld

110 sx

1.23 yld

15 sx

4100'

135 sx

1.79 yld

2 sx

6940'

2 sx

7696'

7700'

7850'

Proposed

Cmt to Surface

50'

BOC

396'

TOC

550'

BOC

1375'

TOC

1575'

BOC

1575'

Cut casing

3840'

TOC in csg

4040'

Perfs/TOC

4590'

Perfs/BOC

New Cement

Existing Cement

New CICR

Existing CICR

New CIBP

Existing CIBP

Treated Water

Brine

Mud

Sand Plug