API:	**05-123-23022**	**KB ELEVATION:**	**5092**	**QTR-QTR:**	**SWSW**
WELL NAME:	**RLW W 13-13JI**	**GROUND LEVEL:**	**5080**	**SECTION:**	**13**
COUNTY:	**WELD**	**MD:**	**8207**	**TWNSHIP:**	**2N**
LATITUDE:	**40.13309**	**PBMD:**	**8173**	**RANGE:**	**66W**
LONGITUDE:	**-104.73289**	**CREATED BY:**	**D. HASZ**		
		DATE:	6/29/2017		

Existing

DATUM: RKB
KB=12'

Proposed

Hole Size/Depth 12 1/4" - 1010'

Surface Casing

Casing Size/Depth: 8-5/8", 24#/ft @ 1000'

Fox Hills Formation Marker 1470'

Sussex
Top 4590'
Base 4838'
Productive within 1 mile

Shannon Absent
NOT Productive within 1 mile

TOC (from CBL) 6610

Niobrara Top 7284'

Codell Perfs 7513' - 7528'

Production Casing/Hole
Casing Size/Depth 4-1/2", 11.6#/ft @ 8188'
Hole Size/Depth 7 7/8" (bit size) @ 8207'

950' TOC in S.C.

1570' Shoot off casing
1670' BOC inside csg

4230' TOC inside csg
4390' Top Sq Perfs

4890' Bot Sq Perfs

6880' TOC inside csg

- Existing Cement
- New CICR
- Existing CICR
- New CIBP
- Existing CIBP
- New Cement
- Sand Plug
- Existing Mud