API:	**05-123-09626**	**ELEVATION:**	**4998**	**QTR-QTR:**	**NENE**
WELL NAME:	**DORIS SMITH & CO. 41D-21 1**	**GROUND LEVEL:**	**4988**	**SECTION:**	**21**
COUNTY:	**WELD**	**MD:**	**4860**	**TWNSHIP:**	**2N**
LATITUDE:	**40.12816**	**PBMD:**	**4815**	**RANGE:**	**66W**
LONGITUDE:	**-104.77637**	**CREATED BY:**	**C. MARTIN**		
		DATE:	8/29/2018		

Existing

DATUM: RKB
KB=10'

Proposed

Hole Size/Depth 12 1/4" - 220'

Cmt to Surf
80'

Surface Casing

167' TOC in S.C.

Casing Size/Depth: 8-5/8", 24#/ft @ 217'

260 sx
1.55 yld

480' Shoot off casing

TOC (est.) 500'

DV Tool/BOC (est.) 846'

Fox Hills Formation Marker 1400'

1600' BOC inside csg

TOC (est.) 4000'

4200' TOC inside csg

40 sx
1.53 yld

4600'

Sussex
Top 4680'
Base 4760'
Sussex Perfs 4694' - 4726'
Productive within 1 mile

Shannon Absent
Not Productive within 1 mile

Production Casing/Hole
Casing Size/Depth 5-1/2", 15.5#/ft @ 4854'
Hole Size/Depth 7 7/8" (bit size) @ 4860'

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