

API:	05-123-16003	KB ELEVATION:	5045	QTR-QTR:	SENE
WELL NAME:	LUHMAN UPRR 42-13 4	GROUND LEVEL:	5035	SECTION:	13
COUNTY:	WELD	MD:	8070	TWNSHIP:	3N
LATITUDE:	40.2266695	PBMD:	8038	RANGE:	66W
LONGITUDE:	-104.7181157	CREATED BY:	C. MARTIN		
		DATE:	6/27/2018		

Existing		DATUM: RKB KB=10'		Proposed	
Hole Size/Depth	12-1/4" - 314'		Cmt to Surf		
			80'		
<u>Surface Casing</u>				264'	TOC in S.C.
Casing Size/Depth: 8-5/8", 24#/ft @	314'				
BOC (from CBL)	720'		110 sx 1.15 yld		
Fox Hills Formation Marker	1229'			1430'	BOC inside csg
			3 bbl	4080'	TOC inside csg
				4240'	Top Sq Perfs
Sussex			4270'		
Top	4441'		145 sx		
Base	4715'		1.79 yld	4765'	Bot Sq Perfs
Productive within 1 mile					
Shannon	Absent				
NOT Productive within 1 mile					
				6700'	TOC inside csg
TOC (from CBL)	6782'		25 sx 1.53 yld		
Niobrara Top	7160'		7100'		
Niobrara Perfs	7164' - 7225'				
Codell Perfs	7444' - 7454'				
Liner Hanger Top	7501'				
<u>Production Casing/Hole</u>					
Casing Size/Depth	4-1/2", 11.6#/ft @	7550'			
Hole Size/Depth	7-7/8" (bit size) @	7558'	2 sx		
			7840'		
J Sand Perfs	7910' - 7945'				
<u>Liner Casing/Hole</u>					
Liner Size/Depth	2-7/8", 6.4#/ft @	8070'			
Hole Size/Depth	3-7/8" (bit size) @	8070'			

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