

API:	05-123-29611	ELEVATION:	4951	QTR-QTR:	NWNW
WELL NAME:	LUCERO X 20-04	GROUND LEVEL:	4938	SECTION:	20
COUNTY:	WELD	MD:	7475	TWNSHIP:	2N
LATITUDE:	40.129782	PBMD:	7447	RANGE:	65W
LONGITUDE:	-104.695725	CREATED BY:	D. HASZ		
		DATE:	10/10/2017		

Existing		DATUM: RKB KB=13'		Proposed	
Hole Size/Depth	12 1/4" - 955'		Cmt to Surf		
			80'		
<u>Surface Casing</u>				892'	TOC in S.C.
Casing Size/Depth: 8-5/8", 24#/ft @	942'				
TOC (from CBL)	990'		110 sx 1.16 yld	950'	Shoot off casing
Fox Hills Formation Marker	1352'			1455'	BOC inside csg
			2 sx 4240'		
Sussex					
Top	4455'				
Base	4745'				
NOT productive within 1 mile					
Shannon	Absent				
NOT productive within 1 mile					
BOC (from CBL)	5144'		3 bbl 5430'	5240'	TOC inside csg
			175 sx 1.16 yld	5400'	Top Sq Perfs
				5800'	Bot Sq Perfs
TOC (from CBL)	6418'			6545'	TOC inside csg
			25 sx 1.53 yld		
			2 sx 6956'		
Niobrara Top	7011'				
Niobrara Perfs	7072' - 7088'				
Codell Perfs	7310' - 7324'				
<u>Production Casing/Hole</u>					
Casing Size/Depth	4-1/2", 11.6#/ft @	7464'			
Hole Size/Depth	7 7/8" (bit size) @	7475'			

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