

API:	05-123-17575	KB ELEVATION:	4897	QTR-QTR:	SESE
WELL NAME:	HERMAN 32-16K	GROUND LEVEL:	4886	SECTION:	32
COUNTY:	WELD	MD:	7550	TWNSHIP:	3N
LATITUDE:	40.176	PBMD:	7466	RANGE:	66W
LONGITUDE:	-104.79374	CREATED BY:	C. MARTIN		
		DATE:	7/25/2018		

Existing		DATUM: RKB KB=11'		Proposed
Hole Size/Depth	12-1/4" - 720'		Cmt to Surf	
			80'	
<u>Surface Casing</u>				665' TOC in S.C.
Casing Size/Depth: 8-5/8", 24#/ft @	715'			
Fox Hills Formation Marker	1121'		270 sx 1.55 yld	1225' BOC inside csg
			125 sx 1.79 yld	3650' TOC in O.H.
Sussex				4050' BOC in O.H.
Top	4437'	TOC (CBL)	4078'	4050' Shoot off casing
Base	4600'			
Productive within 1 mile				
		BOC (CBL)	4515'	
Shannon	Absent			
NOT Productive within 1 mile				
		TOC (from CBL)	6562'	
				6690' TOC inside csg
Niobrara Top	7093'		25 sx 1.53 yld	
			7300'	
Codell Perfs	7360' - 7370'			
<u>Casing/Hole</u>				
Casing Size/Depth	3-1/2", 7.7#/ft @	7537'		
Hole Size/Depth	7-7/8" (bit size) @	7550'		

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