

API:	05-001-09329	ELEVATION:	5228	QTR-QTR:	NESW
WELL NAME:	HSR-NOAH BASS 11-21	GROUND LEVEL:	5218	SECTION:	21
COUNTY:	ADAMS	MD:	8200	TOWNSHIP:	1S
LATITUDE:	39.947808	PBMD:	8145	RANGE:	65W
LONGITUDE:	-104.672472	CREATED BY:	S. TRAN		
		DATE:	4/10/2017		

Existing		DATUM: RKB KB=10'		FINAL	
Hole Size/Depth	12 1/4" @ 1590'		Cmt to Surf		
			80'		
			150 sx 1.50 yld 15.8 ppg	242'	Est TOC
<u>Surface Casing</u>			276 sx	850'	Tgd TOC
Casing Size/Depth	8 5/8" x 24#/ft @	1588'	1.50 yld 15.8 ppg		
	Fox Hills Formation Marker	1967'	300 sx 1.38 yld 14.6 ppg	1963'	Tgd TOC
				2070'	Shoot off casing
				2170'	BOC inside csg
				4040'	Est TOC inside csg
				4640'	Top Squeeze Holes
Sussex			4670'		
Top	4845'		146 sx 1.51 yld 15.8 ppg		
Base	5085'			5060'	Btm Squeeze Holes
Not productive within 1 mile					
Shannon	Absent				
Not productive within 1 mile					
	OH TOC (from CBL)	6520'			
				6720'	Est TOC inside csg
Niobrara Top	7214'		71 sx 1.53 yld		
			7970'		
J Sand Perfs	8062'-8100'				
Production Casing/Hole					
Casing Size/Depth	4 1/2" x 11.6#/ft @	8196'			
Hole Size/Depth	7 7/8" (bit size) @	8200'			

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