

API:	05-123-08349	KB ELEVATION:	5029'	QTR-QTR:	SW NE
WELL NAME:	BROWNE -USX VV 21-7	GROUND LEVEL:	5019'	SECTION:	21
COUNTY:	WELD	MD:	8261'	TOWNSHIP:	1N
LATITUDE:	40.039284	PBMD:	8180'	RANGE:	67W
LONGITUDE:	-104.891394	CREATED BY:	STERLING METZGER/C GRAY		
		DATE:	9/13/2016		

EXISTING	FINAL
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		DATUM: RKB			
		KB=10'			
Surface Casing					
Hole Size/Depth	12 1/4" - 209'			56'	Tagged TOC
		62 sx			
		1.17 yld			
		15.8 ppg			
Casing Size/Depth: 8-5/8", 24#/ft @	209'				
Deepest Water Well	780'			513'	Tagged TOC in csg
DV TOOL	845'				
BOC (CBL)	845'	60 sx			
Fox Hills Marker	1351'	15.8 ppg		1500'	TOP Sqz Holes
		1.17 YLD			
		1553'			
		135 sx			
		15.8 ppg			
		1.17 yld		1800'	BTM Sqz Holes
Squeeze/TOC (CBL)	4095'				
				4346'	Tagged TOC in Csg
Squeeze/BOC (CBL)	4340'				
		50 sx			
		1.18 yld			
		15.8 ppg			
Sussex Top	4590'				
Productive within 1 mile					
Squeeze/TOC (CBL)	4800'				
Sussex Base	4883'				
Squeeze/BOC (CBL)	5174'			4936'	BOC
Shannon Base	Absent				
NOT productive within 1 mile					
				6850'	TOC in casing
Squeeze/TOC (CBL)	6930'				
		46 sx			
		1.55 yld			
		15.8 ppg			
Niobrara Top	7259'				
Squeeze/BOC (CBL)	7380'	2 sx			
TOC	7380'	7617'			
		2 sx			
		7750'			
		Collapsed			
		Casing			
		7791'			
Codell Perfs	7648'-7664'				
J Sand	8103'-8128'				
Production Casing/Hole					
Casing Size/Depth	4 1/2" x 10.5#/ft @	8250'			
Hole Size/Depth	7 7/8" (bit size) @	8250'			
Dakota	8250'-8323'				
Deepening					
Hole Size/Depth	3.88" (bit size)@	8323'			

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