

API:	05-123-08162	KB ELEVATION:	5045'	QTR-QTR:	SW NE
WELL NAME:	UPRR 22 PAN AM K 1	GROUND LEVEL:	5035'	SECTION:	25
COUNTY:	WELD	MD:	8078'	TWNSHIP:	3N
LATITUDE:	40.199239	PBMD:	8043'	RANGE:	66W
LONGITUDE:	-104.721522	CREATED BY:	Zachary Garrity		
		DATE:	7/15/2015		FINAL

				DATUM: RKB	
				KB=10'	
Hole Size/Depth				Cmt to Surf	
<u>Surface Casing</u>				90'	
				95'	
Casing Size/Depth: 8-5/8", 24#/ft @	210'			11 bbl. TOC	
Hole Size/Depth: 12-1/4" (bit size) @	216'			Tagged @	
				100'	
DV Tool	724'			788'	750' Squeeze perfs
OH BOC (from CBL 12/2/2010)	726'			710 sx	
				1.33 yield	
Fox Hills Formation Marker	1280'				1485' Squeeze perfs
				3 bbl	
				4550'	4520' Squeeze perfs
				270 sx	
				1.15 yield	
Sussex	No perfs				
Top	4430'				
Not Productive within 1 mile					
Shannon	No perfs				4930' Squeeze perfs
Base	NA				
Not Productive within 1 mile					
OH TOC (from CBL 12/2/2010)	7408'			70 sx	6741' TOC Inside CSG Tagged
				1.36 yield	
Niobrara Top	7180'				
Niobrara Perfs	NA				
Codell Perfs	NA			2 sx	
				7845'	
J Sand Perfs	7918' - 7974'			2 sx	
				7850'	
Dakota Perfs	NA				
<u>Production Casing/Hole</u>					
Casing Size/Depth:	4-1/2" x 11.6#/ft @	8078'			
Hole Size/Depth:	7-7/8" (bit size) @	8078'			

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