

API:	05-123-16780	KB ELEVATION:	4786	QTR-QTR:	NWNE
WELL NAME:	BRIGGS 1-12A	GROUND LEVEL:	4776	SECTION:	1
COUNTY:	WELD	MD:	7895	TWNSHIP:	3N
LATITUDE:	40.2591636	PBMD:	7863	RANGE:	67W
LONGITUDE:	-104.8362527	CREATED BY:	D. HASZ		
		DATE:	4/19/2017		

Existing		DATUM: RKB KB=10'		FINAL
Hole Size/Depth	12 1/4" - 415'		<b>Cmt to Surf</b>	
<u>Surface Casing</u>			<b>80'</b>	
Casing Size/Depth: 8 5/8, 24#/ft @	402'			131' Tgd TOC
Fox Hills Formation Marker	836'		<b>395 sx 1.16 yld 15.8 ppg</b>	940' Shoot off casing 1040' BOC inside csg
				3840' Est TOC inside csg 4005' Top Sq Perfs
Sussex			<b>4035'</b>	
Top	4209'		<b>160 sx</b>	
Base	4427'		<b>1.51 yld</b>	4410' Bot Sq Perfs
NOT Productive within 1 mile				
Shannon	4784'			
NOT Productive within 1 mile				
TOC (from CBL)	6474'			
			<b>40 sx 1.53 yld</b>	6519' Est TOC inside csg
Niobrara Top	7066'			
			<b>7220'</b>	
Codell Perfs	7296'-7306'			
			<b>2 sx</b>	
Liner Top / Liner TOC	7371'		<b>7360'</b>	
Liner/Hole				
Casing Size/Depth	4 1/2" x 12.6#/ft @	7441'		
Hole Size/Depth	7 7/8" (bit size) @	7445'		
J Sand Perfs	7755'-7802'			
Liner/Hole				
Casing Size/Depth	2 7/8" x 6.5#/ft @	7863'		
Hole Size/Depth	3 7/8" (bit size) @	7895'		

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

OW RPT	OW CMT	WELLBOR	CMT	WL
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80	80	80
tg 131	131	100 131 pio

395 sx      395 sx      395 sx

940                      940                      940 pio  
1040                      1040                      1040

3345	3840	3841	
4005			4005
4035		4035	pio
160 sx	160 sx	160 sx	
4410	4410	4410	4410

40 sx      40 sx      40 sx

7220      7220      7220      7220      7220

7360                      7360                      7360 pio

**COLOR KEY**



GENERAL INPUTS	
Name	David Hasz
Cell Phone Number	970-371-8820
Date	4/19/2017
WELL INPUTS	
Well Name	BRIGGS 1-12A
API #	05-123-16780
WINS #	75527
Gyro Date:	Dec-14
Surface Hole Size (in)	12-1/4
Prod Hole Size (in)	7-7/8
Surface Casing (size/wt)	8-5/8", 24#
Surface Casing Shoe (ft)	402
Prod csg (size/wt)	4-1/2", 12.6#
Tubing OD (in)	2-3/8"
Tubing Set Depth (ft)	7350
Collar Above JSand CIBP (ft)	7371
Collar Below JSand CIBP (ft)	7371
J Sand CIBP (ft)	7371
Collar Above Nio CIBP (ft)	7202
Collar Below Nio CIBP (ft)	7232
Niobrara CIBP / BOC (ft)	7220
Niobrara TOC (ft)	6660
Niobrara Cement Vol (sx)	35
SUSX/SH Bot Sq Holes (ft)	4410
SUSX/SH Top Sq Holes (ft)	4005
SUSX/SH Cmt Above CICR (bbls)	3
SUSX/SH TOC in Casing (ft)	3845
SUSX/SH OH Excess Factor (%)	60
SUSX/SH Cement Vol (sx)	155
Bradenhead Issues? (Y/N)	Y
Stub Plug BOC (ft)	1040
Cut Casing Depth (ft)	940
Stub Plug TOC Form6 (ft)	352
Stub Plug TOC Calc (ft)	200
Stub Plug Cement Vol (sx)	390
Stub OH Excess Factor (%)	100
GEOLOGY INPUTS	
FHM (ft)	836
Sussex Top (ft)	4209
Sussex Base (ft)	4427
Shannon Base (ft)	4784
Niobrara Top (ft)	7066
QUESTIONS?	
Who Drilled Well?	Prima Exploration Inc
Straight or Deviated Hole?	Straight
Age of well (yr)	23
Any squeeze holes? (Y/N)	N
Details of Integrity Issues?	NONE
SX Productive? (Y/N)	N
SH Productive? (Y/N)	N
Gyro Found (Y/N)	Y
CBL Found (Y/N)	Y
Packer Downhole? (Y/N)	N
Packer Depth (ft)	7500

Tubular	ID	Wt.
Surf. Csg.	8.625	24
Prod. Csg.	4.5	12.6
Prod. Hole	7.88	

Recommended Volume
31.3

Recommended Volume
148.1

Recommended Volume	
390	
Flush 1	91
Flush 2	93

\*Limited to 100 bbl in prog

\*No end punctuation

\*If No Integrity Issues, Put "NONE".

\*Packer depth below is ignored if "N"