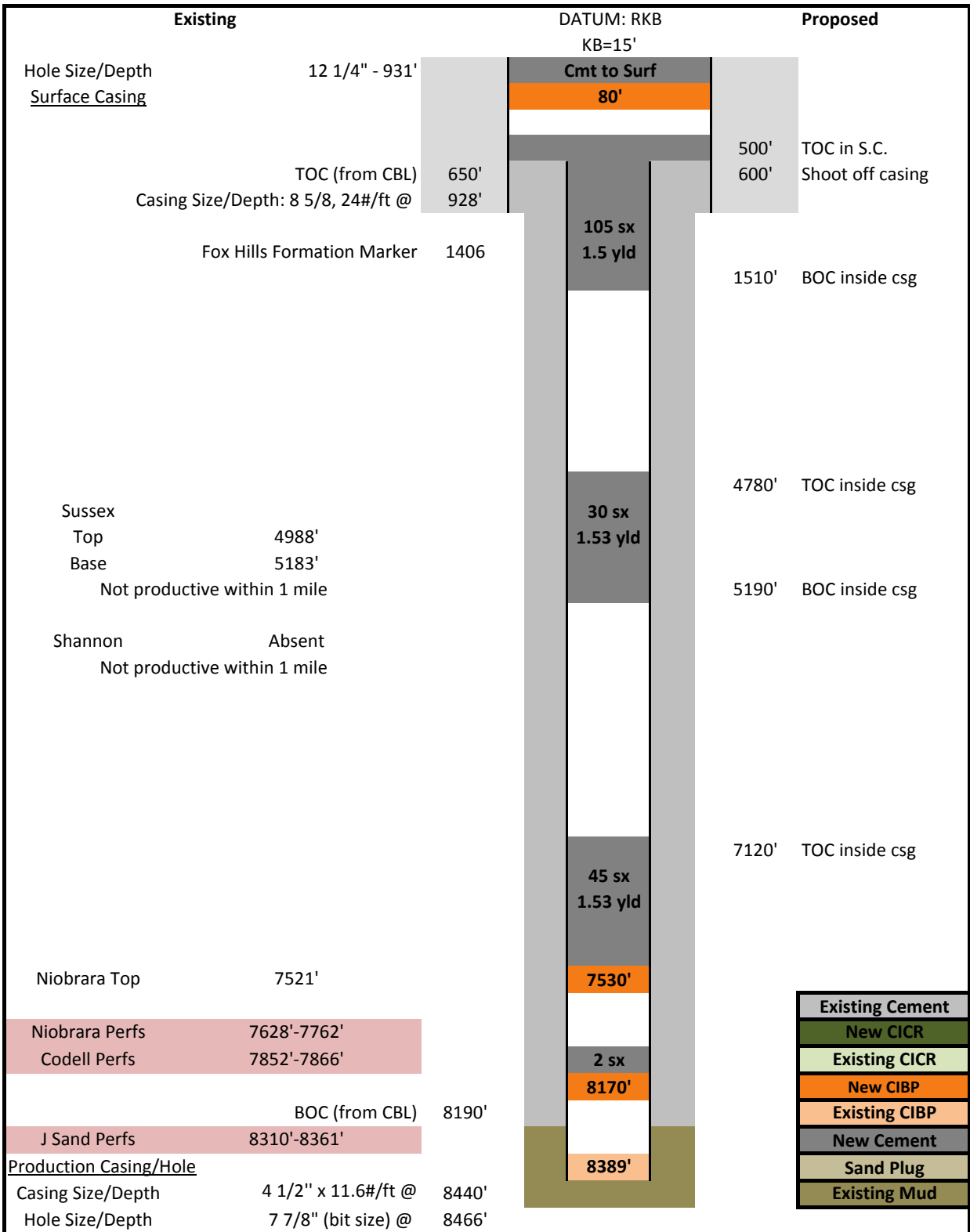


API:	05-123-33429	ELEVATION:	4999	QTR-QTR: SENW
WELL NAME:	WARNER 12-18	GROUND LEVEL:	4984	SECTION: 18
COUNTY:	WELD	MD:	8466	TWNSHIP: 2N
LATITUDE:	40.1391803	PBMD:	8389	RANGE: 65W
LONGITUDE:	-104.7075384	CREATED BY:	S. TRAN	
		DATE:	1/28/2017	



GENERAL INPUTS	
Name	Samantha Tran
Cell Phone Number	832-540-0209
Date	1/28/2017
WELL INPUTS	
Well Name	WARNER 12-18
API #	05-123-33429
WINS #	E2467
Gyro Date:	11/20/2011
Surface Hole Size (in)	12-1/4
Prod Hole Size (in)	7-7/8
OH Excess Factor	100
Surface Casing (size/wt)	8-5/8", 24#
Surface Casing Shoe (ft)	928
Prod csg (size/wt)	4-1/2", 11.6#
Production Casing Shoe (ft)	8440
Tubing OD (in)	2-3/8"
Tubing Set Depth (ft)	8284
Collar Above JSand CIBP (ft)	8140
Collar Below JSand CIBP (ft)	8182
J Sand CIBP (ft)	8170
Collar Above Nio CIBP (ft)	7518
Collar Below Nio CIBP (ft)	7560
Niobrara CIBP / BOC (ft)	7530
Niobrara TOC (ft)	7120
Niobrara Cement Vol (sx)	25
SUSX/SH BOC (ft)	5190
SUSX/SH TOC (ft)	4780
SUSX/SH Cement Vol (sx)	30
Bradenhead Issues? (Y/N)	N
Stub Plug BOC (ft)	1510
Cut Casing Depth (ft)	600
Stub Plug TOC Form6 (ft)	500
Stub Plug TOC Calc (ft)	400
Stub Plug Cement Vol (sx)	105
GEOLOGY INPUTS	
FHM (ft)	1406
Sussex Top (ft)	4988
Sussex Base (ft)	5183
Shannon Base (ft)	Absent
Niobrara Top (ft)	7521
QUESTIONS?	
Who Drilled Well?	Anadarko
Straight or Deviated Hole?	Deviated
Age of well (yr)	5
Any squeeze holes? (Y/N)	N
Details of Integrity Issues?	DV Tool @ 8182'
SUSX 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)	N

Tubular	ID (in)	Wt. (#/ft)
Surf. Csg.	8.625	24
Prod. Csg.	4.5	11.6
Prod. Hole	7.88	

Recommended Volume (sx)
23.4

Recommended Volume (sx)
23.4

\*Round up an extra 5 s

Recommended Volume (sx)
110

\*Rounded up to nearest

Cut Circ Vol. 1 (bbl)	39
Cut Circ Vol. 2 (bbl)	53

\*Limited to 100 bbl in |

#### COLOR KEY



\*No end punctuation

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

\*Packer depth below is ignored if "N"

ix

st 10 sx

prog.