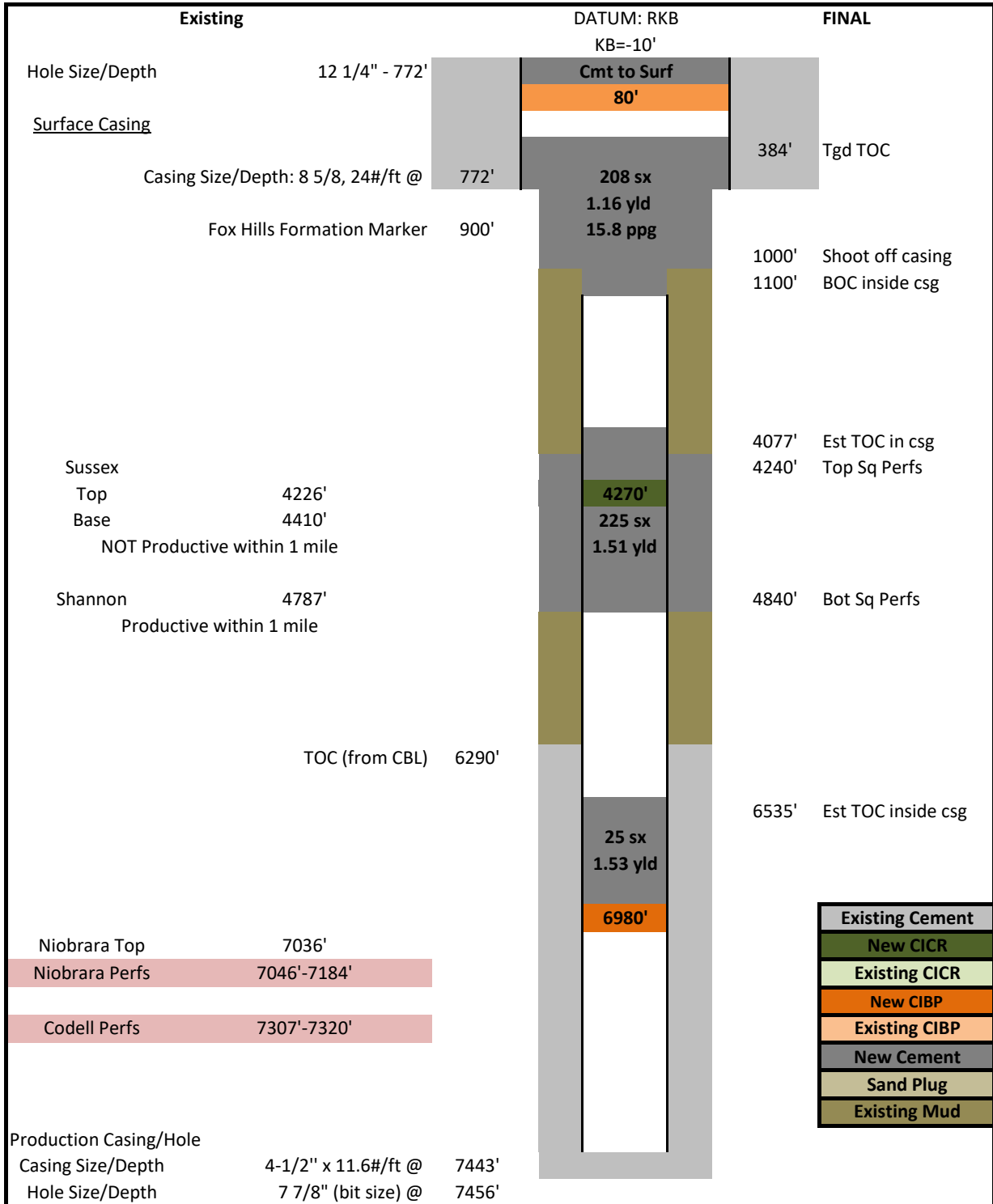


API:	05-123-17809	KB ELEVATION:	4822	QTR-QTR:	SESW
WELL NAME:	HSR Randy 14-23	GROUND LEVEL:	4812	SECTION:	23
COUNTY:	WELD	MD:	7456	TWNSHIP:	3N
LATITUDE:	40.20537	PBMD:	7395	RANGE:	67W
LONGITUDE:	-104.86036	CREATED BY:	D. HASZ		
		DATE:	4/18/2017		



Well Name **HSR Randy**  
Number **14-23**

OW RPT    OW CMT    WELLBORE CMT    WL

	80		80		80
	384	384		337	384
208 sx	208 sx		208 sx		
	1000		1000		1000 rel
	1100	1100		1100	
		4077		4076	
	4240		4240		4240
	4270		4270		
					rel
225 sx	225 sx		225 sx		
	4840	4842	4840	4840	4840

		6535		6535	
25 sx	25 sx		25 sx		
	6980	6980	6980	6980	we set

COLOR KEY



GENERAL INPUTS	
Name	David Hasz
Cell Phone Number	970-371-8820
Date	4/18/2017
WELL INPUTS	
Well Name	HSR Randy 14-23
API #	05-123-17809
WINS #	74984
Gyro Date:	Oct-14
Surface Hole Size (in)	12.25
Prod Hole Size (in)	7.88
Surface Casing (size/wt)	8-5/8", 24#
Surface Casing Shoe (ft)	772
Prod csg (size/wt)	4.5", 11.6#
Tubing OD (in)	2-3/8
Tubing Set Depth (ft)	7299
Collar Above JSand CIBP (ft)	7530
Collar Below JSand CIBP (ft)	7574
J Sand CIBP (ft)	7550
Collar Above Nio CIBP (ft)	6966
Collar Below Nio CIBP (ft)	6998
Niobrara CIBP / BOC (ft)	6980
Niobrara TOC (ft)	6580
Niobrara Cement Vol (sx)	25
SUSX/SH Bot Sq Holes (ft)	4840
SUSX/SH Top Sq Holes (ft)	4240
SUSX/SH Cmt Above CICR (bbls)	3
SUSX/SH TOC in Casing (ft)	4080
SUSX/SH OH Excess Factor (%)	60
SUSX/SH Cement Vol (sx)	220
Bradenhead Issues? (Y/N)	Y
Stub Plug BOC (ft)	1100
Cut Casing Depth (ft)	1000
Stub Plug TOC Form6 (ft)	722
Stub Plug TOC Calc (ft)	570
Stub Plug Cement Vol (sx)	180
Stub OH Excess Factor (%)	60
GEOLOGY INPUTS	
FHM (ft)	900
Sussex Top (ft)	4226
Sussex Base (ft)	4410
Shannon Base (ft)	4787
Niobrara Top (ft)	7036
QUESTIONS?	
Who Drilled Well?	Elk Exploration Inc
Straight or Deviated Hole?	Straight
Age of well (yr)	22
Existing squeeze holes? (Y/N)	N
Details of Integrity Issues?	NONE
SUSX Productive? (Y/N)	N
SH Productive? (Y/N)	Y
Gyro Found (Y/N)	Y
CBL Found (Y/N)	Y
Packer Downhole? (Y/N)	N
Packer Depth (ft)	7350

O.D. Nom.	Wt
8.625	24
4.5	11.6

Recommended
22.8

Recommended
215.5

Recommended
180

1st Flush (bbl)	2nd Flush (bbl)
72	73

\*No end punctuation

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