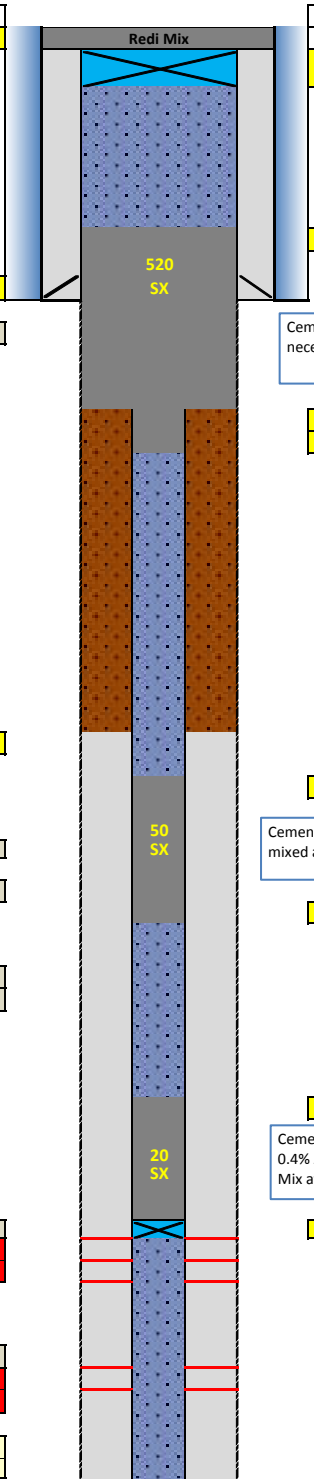
WEISS 11-33

Existing Features	
KB	12
Surface csg shoe at	797
Bottom of Foxhills (FHM)	1164
TOC Cement existing (CBL)	4066
Sussex Top	4392
Sussex Bottom	4642
Shannon Base	5091
Not producing Shannon w/in 1 mile	
Niobrara Top	7147
Perf Top	7150
Perf Bottom	7304
Codell	7392
Perf Top	7392
Perf Bottom	7412
PBMD	7529
4 1/2" 11.6# CSG	7545



Proposed Additions for P&A	
80	CIBP 8 5/8" 24#
590	TOC

Cement Blend: Type III w/cello flake and CaCl2 as necessary, mixed at 14.8 ppg and 1.33 cuft/sk.

1270	Casing Stub
1370	Bottom of cement
4200	Top of cement

Cement Blend: "G" w/ 0.4% CD-32, 0.4% ASA-301, mixed at 15.8 ppg and 1.15 cuft/sk.

4850	Bottom of cement
6740	Top of cement

Cement Blend: "G" w/silica flour, 0.4% CD-32, 0.4% ASA-301 and R-3 to achieve 2:30 pump time. Mix at 15.8 ppg and 1.38 cuft/sk.

7060	CIBP 4 1/2" 11.6#

API#	05-123-23024			
Well:	WEISS 11-33 (74091)			
Equipment	Specs.	Depth	Capacity (bbl/ft)	Capacity ft^3/ft
Surface Casing	8 5/8" 24#	797	0.0637	0.3576
Production Casing	4 1/2" (11.6#)	7545	0.0155	0.0873
Tubing Size	2 3/8" (4.7)	7361	0.003870	0.02171
Hole Size (TOP)	14	1270	0.1904	1.0690
Hole Size (SU/SH)	N/A	N/A	N/A	N/A
Hole Size (NB)	N/A	N/A	N/A	N/A

Cement Calculations				
Section	Volume cu-ft	Cement Sacks	Excess	
Open Hole	606.77	456.22	20%	Top Plug
Surface casing	74.02	55.66		14 in hole
Production casing	8.73	6.56		
FX Total	680.80	518.44	520	
Open Hole				
Production casing	56.745	49.34348		
SU Total	56.75	49.34348	50	
Open Hole				
Production	27.94	20.24		
NB/CD Total	27.94	20.24	20	

Cement Yield	1.33	1.15	1.38
	FX	SX/SH	NB

Legend	
	Existing cement with CBL
	New cement
	Assumed cement w/ no CBL
	Cast Iron Cement Retainer
	Cast Iron Bridge Plug
	Mud
	Water + Biocide