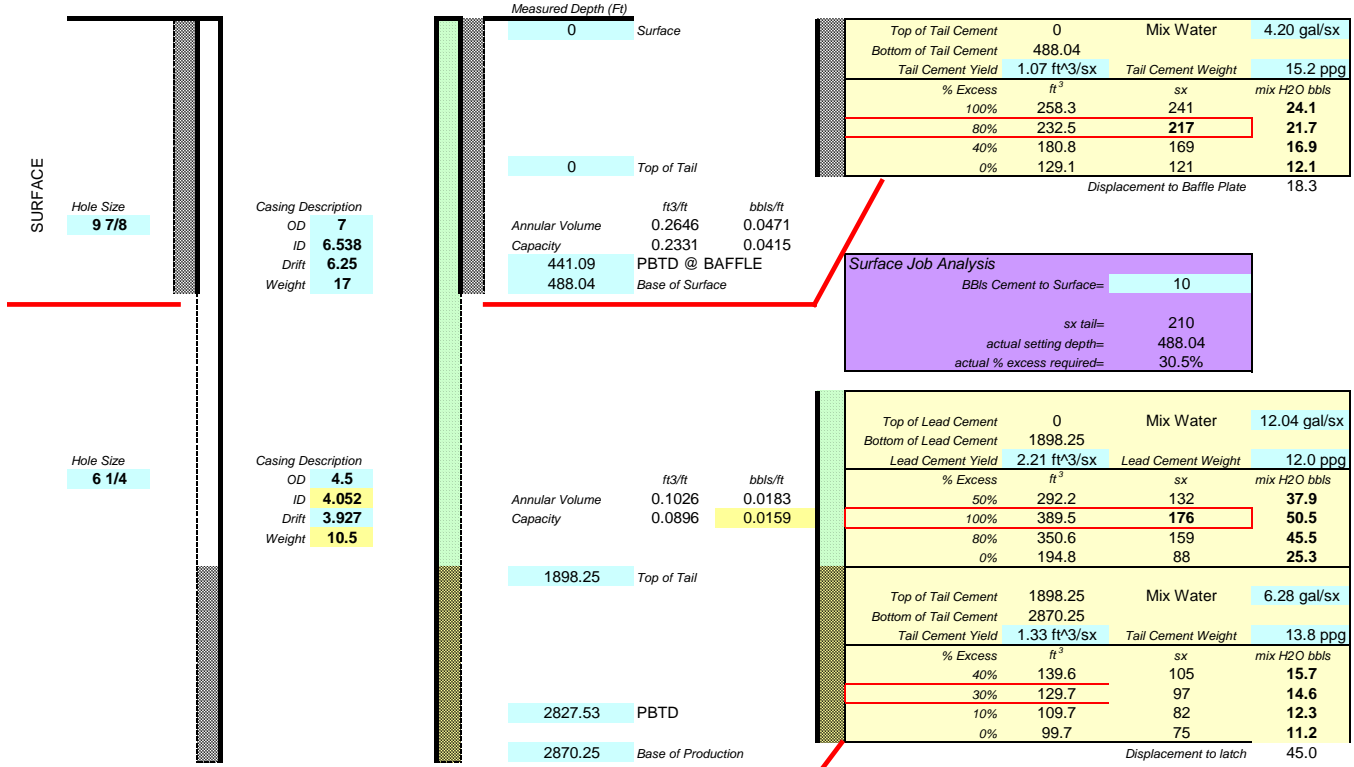


Well Name: Five Rivers 32-19 2N46W

Location: Sec 19, 2N, 46W, Yuma Co. CO

PLANNED



AS PUMPED

Surface	Date	Sunday, April 28, 2013	44	= Capacity	Cu. Ft. / Ft.
Job Description	Time	SURFACE	9.5	0.0162	0.0912
		1700	10.5	0.0159	0.0895
Mud Flush		0	11.6	0.0155	0.0872
Lead Cement	220 sx	50/50 POZ, 3% CaCl ₂ , .25% flo-cel	17	0.0415	0.2331
Mix Water	4.20 gal/sx		20	0.0405	0.2273
Cement Yield	1.07 ft ³ /sx		23	0.0393	0.2210
Cement Weight	15.2 ppg				
Pump Rate	5.0 Bbls/min				
BBLs Displaced	18.5				
Bumped Plug	NA				
Floats Held	NA				
Full / Partial / No Returns	FULL				
Cement Circulated	yes				
Bbls Cement Circulated	19				
Pipe Reciprocated	NA				
Reciprocation length (ft)	NA				
Reciprocation Rate (SPM)	NA				
Time Job Complete	1730				

Production	Date	Tuesday, April 30, 2013			
Job Description	Time	Longstring			
		1300			
Mud Flush w/ 2% KCl		5KCL, 10 DYE/KCL, 45 KCL			
Lead Cement	150 sx	50/50 POZ, 12% GEL, 2% CACL			
Mix Water	12.04 gal/sx				
Cement Yield	2.21 ft ³ /sx				
Cement Weight	12.0 ppg				
Tail Cement	75 sx	50/50 POZ, 3% CaCl ₂ , .25% flo-cel			
Mix Water	6.28 gal/sx				
Cement Yield	1.33 ft ³ /sx				
Cement Weight	13.8 ppg				
BBLs Displaced 2% KCl water	45.0				
Pump Rate	3.0 Bbls/min				
Bumped Plug	Yes				
Floats Held	Yes				
Full / Partial / No Returns	Full				
Cement Circulated	Yes				
Bbls Cement Circulated	3				
Pipe Reciprocated	NO				
Reciprocation length (ft)	NA				
Reciprocation Rate (SPM)	NA				
Time Job Complete	1415				