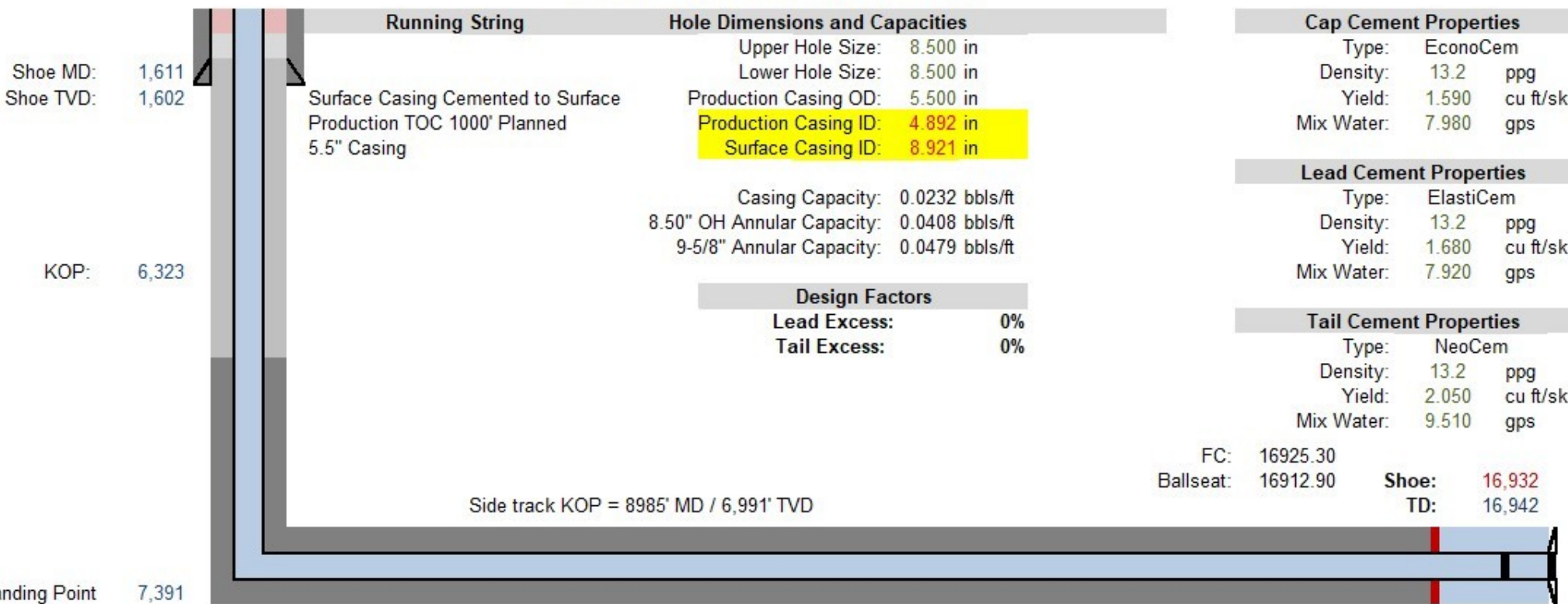


Capitol 07N 5-1/2" Production String Cement Job



Note: Be sure to review cement calculations with the cement supervisor based on actual running string, cement yield, and pump time. **These are preliminary estimates only.**

Pump Schedule				Job Time (Estimate only)			
Tuned Prime	Spacer	Surfactant (12.0 ppg)	120.0 bbls	Spacer:	120 bbls	6 bpm	20 min
	Cap Cement	(13.2 ppg)	39.6 bbls	Cap Cement:	40 bbls	6 bpm	7 min
	Lead Cement	(13.2 ppg)	225.5 bbls	Lead Cement:	225 bbls	6 bpm	38 min
	Tail Cement	(13.2 ppg)	374.3 bbls	Tail Cement	374 bbls	6 bpm	62 min
	Shutdown:		0 bbls	Shutdown:	0 bbls	0 bpm	15 min
	Disp:		393 bbls	Disp:	393 bbls	10 bpm	39 min
Displacement (FW + Retarder):			393.2 bbls	Shutdown:	0 bbls	0 bpm	15 min
Overdisplacement (FW+):			5.0 bbls	Disp:	5 bbls	1 bpm	5 min
				TOTAL:	1158 bbls		201 min
							3.3 hrs

Centralizer Program

Time Equipment Flow To Amount Required