

JOB LOG

SWIFT Services, Inc.

DATE 12-15-11 PAGE NO. 7

CUSTOMER Dunning & Nelson WELL NO. 2-12 LEASE Verna Herl JOB TYPE Cement 2-stage L.S. TICKET NO. 20421

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		TD-3850' DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1645							On location w/ Float Equip - Recharge over to run casing L.D.-RH/MT
	1750							Start 5 1/2" casing to 3850' Insert Float Shoe w/ Auto-Fill D.V. L.D. Baffle - SS-21' @ 3825' = 93 1/2' BBI Cement - 1-3-5-7-9-11-58 Cement Basket #58 D.V. #59 collar ca 1378' = 33 1/2' BBI Drop Ball up Ball 5 STs out
	1915							Fin run casing
	1930							Start Circ / Rotate Casing
	2000							Fin circ - Hook up for 1st stage
		5	12				350	Plug Pump - 500 gal Mud/Flush
		5 1/2	20				350	Pump 20 BBI KCL Flush
		4					300	Start 150 sks EA-2 cement
			36				Vac	Fin out - Wash out Pump Lines
	2020	9						Drop D.V. L.D. Plug - Start Displ H ₂ O
		8	60				300	Start 15 BBI Mud
		7	75				400	Start KCL Flush For Top stage
	2035	0	93 1/2				850 / 1500	Plug Down - Hold - Release - Hold.
	2040							Drop D.V. opening tool
		0	2				1200	Plug RH - 30 SKS ^{SHUD} MT 15 SKS ^{SHUD}
	2055	5 1/2					950	Open D.V. - KCL flush 2 BBI - 2nd stage
		5 1/2					250	Start 130 SKS SHUD out.
	2115		75				1000	Fin out - Drop D.V. Closing Plug
		6					250	Start Displ (33 1/2 BBI)
		5 1/2	15				350	
		5 1/2	20				400	cut cir to Pit
	2130		33 1/2				150 / 1500	Plug Down - D.V. closed - Release OK 25 SKS can't circulate to Pit
	2130							Job Complete Wishup & Break up

Woods, Don, Brian & David