

**JOB LOG**

**SWIFT Services, Inc.**

DATE 9-14-13 PAGE NO.

CUSTOMER Norstar Pet WELL NO. 1-13 LEASE Wieland JOB TYPE 5 1/2 Longstring TICKET NO. 24495

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0150							on location
								TD 4700 SJ 25.25
								TP 4703 Insert 4678
								PC Top 52 2559' 5 1/2 x 15.5#
								Centralizers 1,3,5,7,9,11,13,15,17,19,51,53
								Basket 13,52
	0300							Start Pipe
	0530							Drop Ball Break circulation Rotate
	0700		7/5					wait for Cat to Get casing crew out
								Plug RH 30cks MH 20cks
	0705	5	12		✓		300	Start Mod Flush
		5	20		✓		300	Start KCL Flush
	0715	5	36		✓		300	Start Cement
								Drop Plug
	0726							wash out Pump + Lines
	0728	6.5			✓		300	Start Displacement
		6.5	70		✓		300	Stop Rotating
	0745	6.5	111.3		✓		<del>300</del> 1500	land Plug
								Release Dry
								wash up Back Up
	0830							Job Complete
								Thank You
								Sust, Brian, Doug