

SWIFT Services, Inc.

DATE 7-4-16 PAGE NO.

TICKET NO. 29541

Wing & Nelson

WELL NO. # 1-3

LEASE Deutscher - Schoen Thaler

JOB TYPE 2 stage long string

RT	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	730							On location w/ Float Equip
								14# 5 1/2 csg
								RTD - 3930'
								Total pipe - 3928
								Baffle @ 3907
								D.V. Tool - 15 1/2' on H 60
								Centralizers - 1, 3, 5, 7, 9, 11, 59
								Basket - 60
	900							Start Running Csg / Float Equip
	1030							Break Circ on Bottom
	1130		12			300		pump mud flush
			20			300		pump Kcl spacer
	1140		36			200		pump Cmt - 150 sks EA-2 @ 15.5 ppq
								Drop 1st plug / wash P&L
	1155	7	0			0		Start Disp
		7	70			300		Catch Cmt
	1215	5.5	95			600		land plug lift psi - 600
								land psi - 1300
	1220							Drop D.V. bomb
	1225							open Dv tool and Circ while waiting for water
	100							Plug Rat hole - 30 sks SMD cmt
	105							Plug Mouse Hole - 15 sks SMD cmt
	110	6	0			200		START CMT
	140	2.5	80			0		End Cmt
			0					Drop plug
						200		START Disp - Hard to Disp w/ Mud pump b/c with pump on Rig broke down
	145		38			1300		End Disp - Hook back up to pump trk to psi up
								lift - 300 land - 1300
								35 sks Circ to pit