

Customer Russell Oil, Incorporated	Lease No. Leased	Date 6-19-11
Lease Utens	Well # 1-18	
Field Order # 4384	Station Pratt, Kansas	Casing 5 1/2" 17Lb
		Depth 3394 Feet
Type Job C.N.W. - Longstring	Formation	County McPherson
		State Kansas
		Legal Description 18-205-5W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2" 17Lb./ft.	Tubing Size 4 1/2" 17Lb./ft.	Shots/Ft	125 sacks	AA2 with	88 FLTA	RATE	PRESS	ISIP
Depth 3394 Feet	Depth	From	758 Gal	108 Salt	Max	25Lb./st.	Cell Plate	5 1/2" Defoamer
Volume 78.7 Bbl.	Volume	From	To	5.3Lb./Gal., 5.46 Gal	Min	1.36	CU.FT./st.	10 Min.
Max. Press. 1750 P.S.I.	Max. Press.	From	To		Avg			15 Min.
Well Connection Plug container	Annulus Vol.	From	To	30 sacks	60/40 Poz to Pl	HHP Used by Rat Hole		Annulus Pressure
Plug Depth 3352 Feet	Packer Depth	From	To	Flush	77.8 Bbl. Free	Gas Volume Fresh Water		Total Load

Customer Representative Todd Brown	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37216	19,903	19,905
Driver Names Messick	Mittal	Phye

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:40					Cementer and Float Equipment on location.
2:45					Southwind Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill Insert screwed into collar and a total of 8 Joints new 17Lb./ft. 5 1/2" casing. A Turbolizer was installed on collars # 1, 2, 5 and # 7.
4:30					Casing in well. Circulate for 1 hour. Shut in well and pressure test. Open Well.
5:30	350			6	Start Fresh Water Pre-Flush
	375		15	6	Start Super Flush II.
	375		39	5	Start Fresh Water Spacer.
	375		42	5	Start mixing 125 sacks AA2 cement.
	-0		72		Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
5:47	100			6.5	Start 28 HrCL Displacement
			30	6.5	Start Fresh Water Displacement
6:00	600		77.8		Plug down.
	1750				Pressure up.
					Release pressure. Insert held.
			7	3	Plug Rat Hole.
					Wash up pump truck.
6:45					Job Complete.
					Thank You.
					Clarence, Mitche. Dale