

ORIGINAL

December 28, 1980

Ramos & Newland Oil Company
Rt. 1
LeRoy, Kansas 66857

Murray No. 13

0 - 23	Soil & Clay	693 - 705	Lime w/shale
23 - 28	Gravel	705 - 719	Shale
28 - 87	Shale	719 - 728	Lime
87 - 132	Lime - Sand	728 - 739	Shale
132 - 160	Lime	739 - 749	Lime
160 - 258	Shale	749 - 754	Shale
258 - 283	Lime	754 - 771	Lime w/shale
283 - 292	Shale w/lime	771 - 780	Shale
292 - 303	Lime	780 - 808	Lime
303 - 307	Black Shale	808 - 815	Shale
307 - 328	Lime	815 - 847	Lime
328 - 362	Shale	847 - 850	Black Shale
362 - 373	Lime	850 - 859	Shale
373 - 394	Shale	859 - 891	Lime 20'
394 - 398	Lime	891 - 895	Black Shale
398 - 424	Shale	895 - 899	Lime 5'
424 - 426	Lime	899 - 932	Shale
426 - 433	Shale	932 - 933	Cap
433 - 448	Lime	933 - 936	Shale
448 - 511	Shale	936 - 937	Cap
511 - 525	Lime	937 - 953	Core
525 - 529	Shale	937 - 948	Oil Sand
529 - 548	Lime	948 - 1002	Shale
548 - 550	Shale		Total Depth
550 - 553	Lime		
553 - 693	Big Shale		

Set 51.90' of a 7" surface pipe. Ran 991' of
2 1/2" 10 rd. pipe. SYN @ 935'.

RECEIVED

OCT 19 2001

KCC WICHITA