

Kansas Cores

PETROLEUM RESERVOIR ENGINEERING
WICHITA, KANSAS 67208

WELL Lemon #10 COUNTY Comanche STATE Kansas
 COMPANY K.R.M. Petroleum Corp. DATE 11-18-79 FILE NO. S-1415
 FIELD _____ TYPE CORES Diamond ANALYST IS

ANALYSIS DATA AND INTERPRETATIONS

SAMPLE No.	DEPTH	PERMEABILITY MILLIDARCYs		POROSITY %	SATURATION WATER % PORE SPACE	SATURATION OIL % PORE SPACE	PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL					
1	3 4770 71	23.0	21.6	21.6	17.4	3.8	The low oil percentages indicate mainly gas with some oil will be produced from this entire zone.	
2	4 4771 72	2.0	2.1	25.0	18.2	6.8		
3	5 4772 73	3.0	2.4	28.5	13.4	2.6		
4	6 4773 74	2.1	0.8	14.8	34.1	17.0		
5	7 4774 75	X 0.0	0.0	6.7	47.6	4.2		
Net	4'	7.5	6.7	22.5	20.8	7.6		

APPENDIX V

EXHIBIT V-2

Lemon Ranch Core Data
Summary - Standard Analyses

<u>Well</u>	<u>Cored Interval</u>	<u>Net^{1/} Feet</u>	<u>Permeability - Md.</u>		<u>Porosity %</u>	<u>Saturations - %</u>	
			<u>Horizontal</u>	<u>Vertical</u>		<u>Water</u>	<u>Oil</u>
✓Lemon #2X	4764-67	0	0	0	6.9	36.7	11.0
✓Lemon #5	4784-88	3	48.9	20.6	25.5	14.8	8.2
✓Lemon #6	4781-92	8	76.6	63.0	21.2	26.2	9.9
✓Lemon #7	4793-98	2	1.0	0	14.8	32.1	1.7
✓Lemon #8	4776-84	4	3.8	1.2	9.9	27.8	8.2
✓Lemon #9	4774-78	1	1.0	0.8	16.9	18.5	9.2
✓Lemon #10	4770-75	4	7.5	6.7	22.5	20.8	7.6
Lemon #11	4760-67	6	35.3	11.6	10.4	21.7	10.9
✓Rhodes #1	4766-70	2	13.4	7.2	15.1	18.8	11.4
✓Rhodes #2	4755-65	9	84.7	49.6	19.1	22.9	8.7
Rhodes #3	4770-81	6	17.0	6.0	16.4	25.3	12.9
Average							
10 Wells ^{2/}	--	4.5	42.5	25.9	17.4	23.5	8.9

Notes

1/ Net feet - Greater than 1.0 millidarcy.

2/ Lemon #2X not included in average.