

Kansas Corco

PETROLEUM RESERVOIR ENGINEERING
WICHITA, KANSAS 67208

WELL Lemon #2-X COUNTY Commanche STATE Kansas
 COMPANY K.R.M. Petroleum, Corp. DATE 3-24-79 FILE NO S-1373
 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	4764	x 0.0	0.0	6.8	33.1	12.9	No Perm	Vertical fracture with oil in fracture
	65							
2	4765	x 0.0	0.0	6.7	37.9	9.4	No Perm	
	66							
3	4766	x 0.0	0.0	7.3	39.2	10.7	No Perm	
	67							
Net	0'	0.0	0.0	6.9	36.7	11.0		

Kansas Cores

PETROLEUM RESERVOIR ENGINEERING WICHITA, KANSAS

COMPANY K.R.M. Petroleum Corp. DATE 3-24-79
WELL Lemon #2-X ANALYST IS
FIELD _____ ELEVATION _____
COUNTY Comanche STATE Kansas CR _____ RB _____

Analyses and interpretations are based on material brought to Kansas Cores by the client, and such data and interpretations are accessioned by that company which the client represents. Kansas Cores makes no warranty and makes no guarantee for the interpretations and opinions of the data. Our opinions of an analysis are placed at the discretion of the operator.

PERMEABILITY MILLIDARCYS $\text{O} \rightarrow \text{O}$

CONNATE WATER % SATURATION $\text{O} \rightarrow \text{O}$

30 20 10 0

0 70 60 50 40

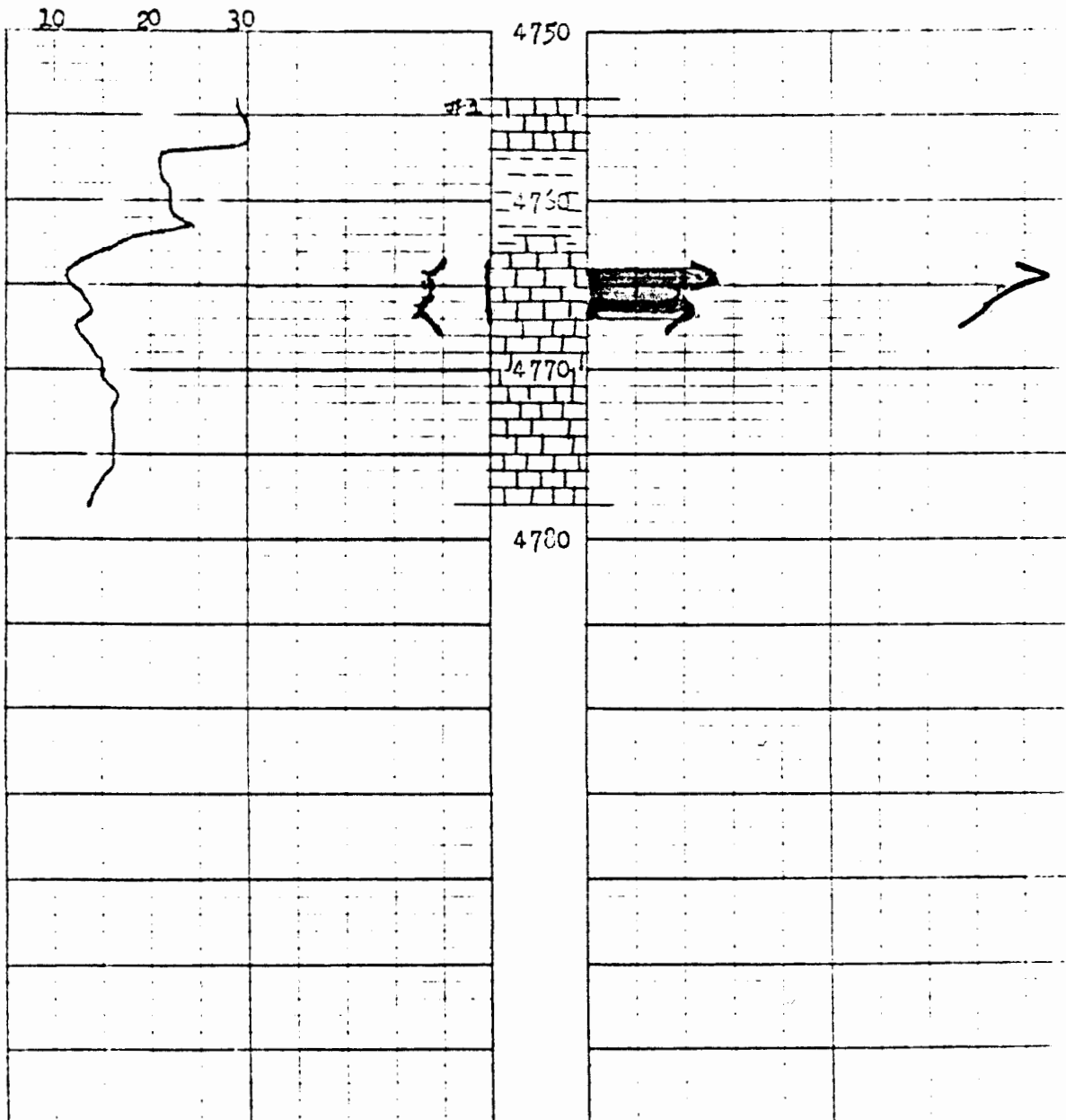
POROSITY-% $\text{X} \rightarrow \text{X}$

OIL % PORE SATURATION $\text{X} \rightarrow \text{X}$

CORING TIME 20 10 0

0 10 20

MIN/FT



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.