

Kansas Cores

PETROLEUM RESERVOIR ENGINEERING
WICHITA KANSAS 67208

WELL Lemon #5 COUNTY Commanche STATE Kansas
 COMPANY K.R.M. Petr. Corp. DATE 4-28-79 FILE NO S-1383
 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	4784 85	77.8	38.5	26.5	14.5	7.6	Oil *	*High Gas-Oil Ratio
2	4785 86	x 0.0	0.0	1.2	21.8	2.6	No Perm	
3	4786 87	36.6	10.1	24.4	16.2	7.1	Oil *	
4	4787 88	32.2	13.2	25.5	13.7	10.0	Oil *	
Net	3'	48.9	20.6	25.5	14.8	8.2		

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WICHITA, KANSAS

COMPANY **K.R.M. Petroleum Corp.** DATE **4-28-79**
 WELL **Lenon #5** ANALYST **IS**
 FIELD _____ ELEVATION _____
 COUNTY **Comanche** STATE **Kansas** GR _____ KB _____

The analyses and interpretations are based on material brought to Kansas Cores by the client, and such data and interpretations are accessible only to 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 $\circ \leftarrow$

200 150 100 50 0

POROSITY-% $X \leftarrow X$

CORING TIME 20 10 0

MIN/FT

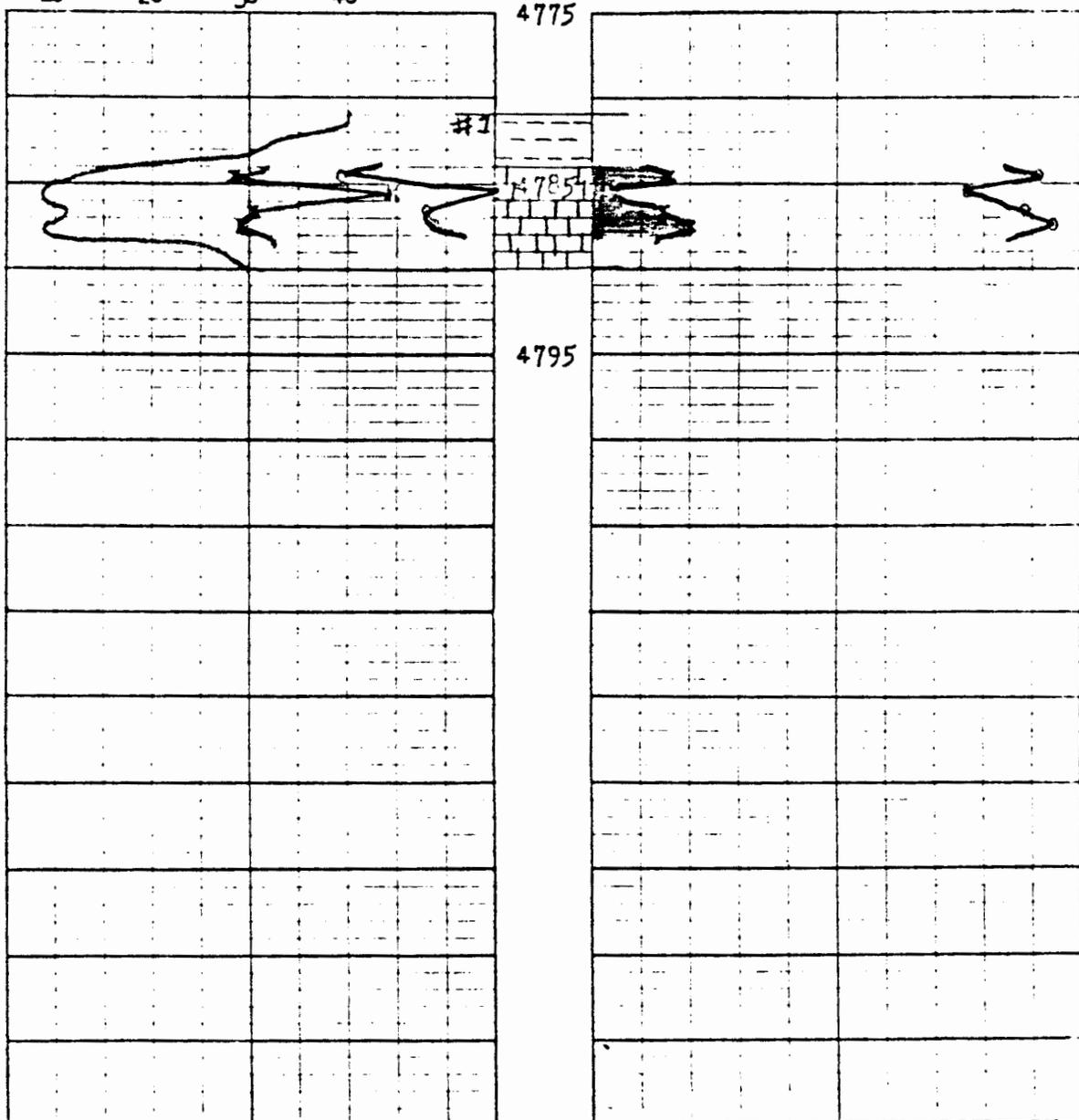
10 20 30 40

CONNATE WATER % SATURATION $\circ \leftarrow$

0 50 40 30 20

OIL % PORE SATURATION $X \leftarrow X$

0 10 20



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.