

Kansas Cores

PETROLEUM RESERVOIR ENGINEERING
WICHITA, KANSAS 67208

WELL Lemon #6 COUNTY Comanche STATE Kansas
COMPANY K.R.M Petr. Corp. DATE 5-8-79 FILE NO. S-1386
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	4781	10.1	1.0	29.7	30.0	2.7	Gas	
	82							
2	4782	8.0	4.2	20.7	28.4	9.1	Oil	
	83							
3	4783	5.8	2.1	22.8	27.1	11.5	Oil	
	84							
4	4784	22.5	7.4	16.5	40.2	17.0	Oil	
	85							
5	4785	130	57.0	23.2	19.3	8.7	Oil	
	86							
6	4786	130	120	19.2	21.1	8.1	Oil	
	87							
7	4787	26.7	32.2	17.8	24.8	11.0	Oil	
	88							
8	4788	x 0.0	0.0	12.0	19.8	11.0	No Perm	
	89							
9	4789	280	280	19.7	18.6	11.2	Oil	
	90							
10	4790	x 0.0	0.0	12.4	23.2	11.6	No Perm	
	91							
11	4791	x 0.0	0.0	6.9	29.9	5.7	No Perm	
	92							
Net	8'	76.6	63.0	21.2	26.2	9.9		

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PETROLEUM RESERVOIR ENGINEERING WICHITA, KANSAS

COMPANY K.R.M. Petroleum Corp.

DATE 5-8-79

WELL Lemon #6

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 0—0

400 200 100 50 0

POROSITY—% X—X

CORING TIME

20 10 0

MIN/FT

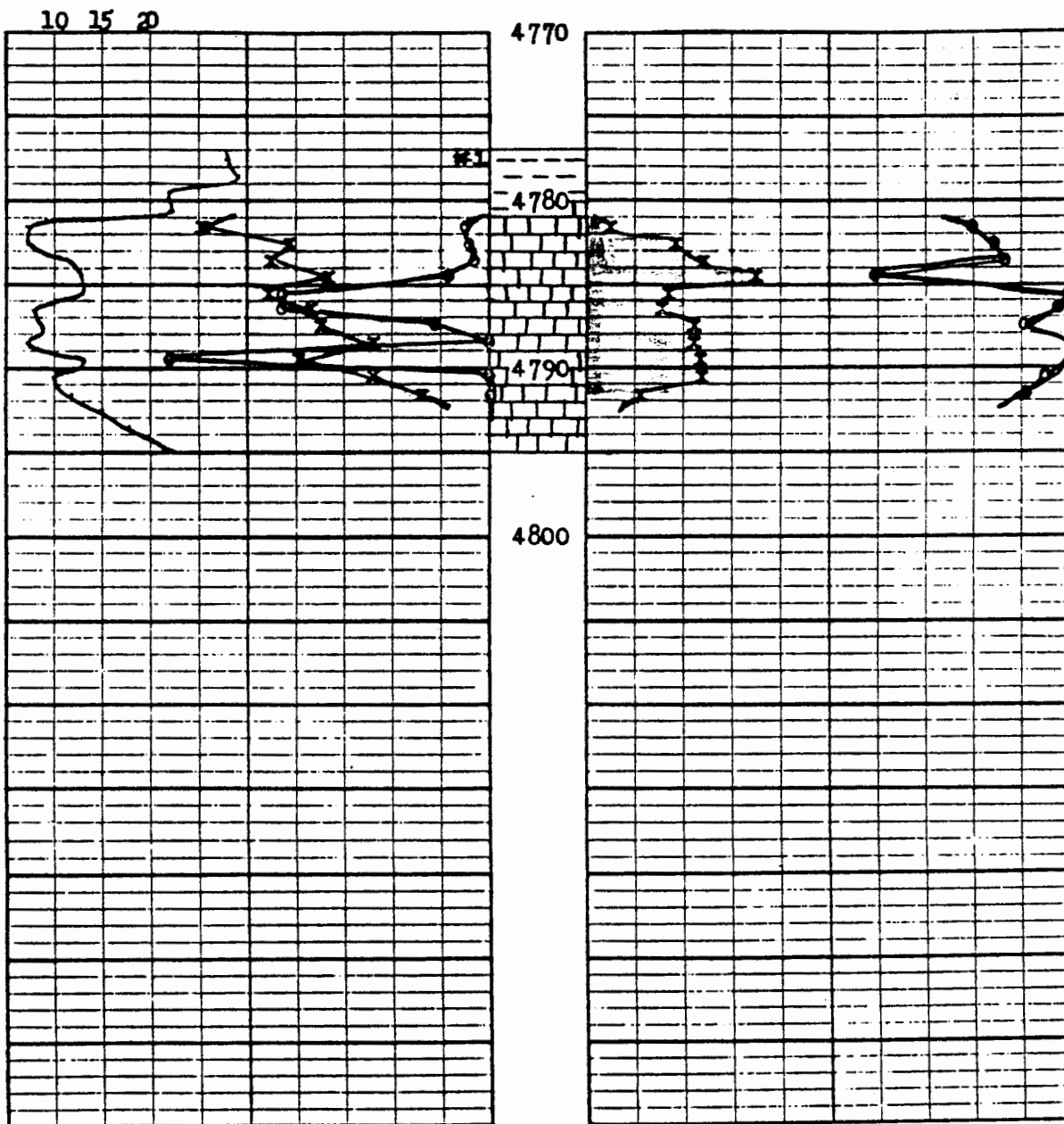
10 15 20

CONNATE WATER % SATURATION

0 60 50 40 30 0—0

OIL % PORE SATURATION X—X

0 10 20 30



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.