

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

1

NCRA
TREMBLEY 'A' NO. 3 WELL
TREMBLEY FIELD
RENO COUNTY, KANSAS

DATE: 3/22/79
FORMATION: LANSING-KANSAS CITY
DRLG. FLUID: WATER BASE MUD
LOCATION: 34-24-8

FILE NO: 3402-962
ENGINEER: BOYLE
ELEVATION:

* INDICATES PLUG PERM

SMP. NO.	DEPTH	PERM. MAXIMUM	TO AIR MD. 90 DEG	POROSITY PERCENT	FLUID SATS. OIL WTR.	GR. DEN.	DESCRIPTION
WHOLE CORE ANALYSIS							
1	3467.0-68.0	*	<0.1	11.6	0.0 87.6	2.80	LM,V/SHY
+ 2	3468.0-69.0	16.0	13.0	9.3	0.0 92.3	2.79	LM,V/SHY
3	3469.0-70.0	0.3	0.1	2.8	0.0 84.1	2.76	LM,V/SHY
4	3470.0-71.0	5.2	2.7	17.3	7.1 42.5	2.72	LM,V/OOL
5	3471.0-72.0	4.7	3.3	20.5	8.5 40.7	2.72	LM,V/OOL
6	3472.0-73.0	3.2	2.5	17.5	8.3 38.8	2.72	LM,V/OOL
7	3473.0-74.0	1.1	0.7	1.4	11.1 65.4	2.73	LM,V/SHY
8	3474.0-75.0	*	<0.1	2.0	10.0 44.1	2.73	LM,V/SHY
9	3475.0-76.0	1.0	0.4	1.1	10.5 64.5	2.73	LM,V/SHY
10	3476.0-77.0	0.1	0.1	5.3	9.0 58.1	2.72	LM,OOL
11	3477.0-78.0	0.1	<0.1	3.9	8.8 68.8	2.72	LM,SL/OOL
12	3478.0-79.0	<0.1	<0.1	1.1	7.0 62.7	2.73	LM,SL/SHY
13	3479.0-80.0	0.2	0.2	2.7	11.2 69.1	2.73	LM,SL/SHY
14	3480.0-81.0	<0.1	<0.1	1.3	13.8 72.1	2.73	LM,SL/SHY
15	3481.0-82.0	<0.1	<0.1	1.7	10.8 69.7	2.73	LM,V/SHY
16	3482.0-83.0	8.6	4.5	7.4	9.9 81.8	2.75	LM,SL/DOL,SHY
17	3483.0-84.0	0.3	<0.1	9.3	0.0 90.1	2.81	LM,SL/DOL,V/SHY
18	3484.0-85.0	<0.1	<0.1	10.6	0.0 90.7	2.79	LM,SL/DOL
19	3485.0-86.0	0.1	<0.1	10.3	0.0 82.0	2.76	LM,SL/DOL
20	3486.0-87.0	0.2	<0.1	1.5	0.0 87.3	2.73	LM,SL/SHY

+ DENOTES HORIZONTAL CRACKS

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DALLAS, TEXAS

CORE SUMMARY

Company NATIONAL COOPERATIVE REFINERY ASSOCIATION
 Well TREMBLEY "A" NO. 3
 Page 2 of 2 File 3402-9626

DEPTH FEET	HORIZONTAL PERMEABILITY, Md.		POROSITY PER CENT	SATURATION		GRAIN DENSITY
	MAXIMUM	90 DEGREES		OIL	WATER	
3467.0-69.0	16	.6.5	10.5	0.0	90.0	2.80
3470.0-73.0	4.4	2.8	18.4	8.0	40.7	2.72
3473.0-82.0	0.3	0.2	2.3	10.2	63.8	2.73
3482.0-86.0	2.3	1.1	9.4	2.5	86.2	2.78