

# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

November 12, 1980

Yoder Oil Company  
P.O. Box 34  
Newton, Kansas 67114

Gentlemen:

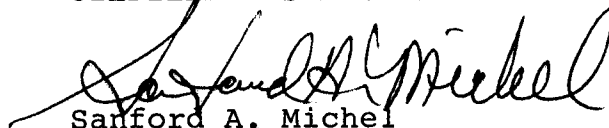
Attached hereto are the results of tests run on the rotary core taken from the Venamon Lease, Well No. 1, located in Chautauqua County, Kansas.

The core was sampled by a representative of Oilfield Research Laboratories on October 23, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/tem

5 c to Newton, Kansas

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Yoder Oil Company Lease Venamon Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1076.5	18.0	32	50	82	447	2.3
2	1077.5	13.7	36	59	95	383	Imp.
3	1078.5	5.8	27	70	97	122	Imp.
4	1079.5	12.9	28	69	97	280	Imp.
5	1080.5	13.2	14	85	99	143	Imp.
6	1081.5	9.1	26	71	97	184	Imp.
7	1086.5	15.7	14	81	95	171	Imp.
8	1089.5	15.1	12	81	93	141	Imp.
9	1090.5	13.0	8	88	96	81	Imp.
10	1091.5	13.8	28	69	97	300	Imp.
11	1092.5	15.0	20	71	91	233	2.8
12	1093.7	17.8	31	43	74	428	39.
13	1094.5	16.9	38	46	84	498	7.4
14	1097.5	10.0	40	55	95	310	Imp.
15	1098.5	14.5	41	43	84	461	Imp.
16	1099.5	15.8	45	46	91	552	Imp.
17	1100.5	14.3	38	59	97	422	Imp.

## OILFIELD RESEARCH LABORATORIES

LOGName Yoder Oil Company ~~Lease~~ Venamon Well No. 1Depth Interval,  
FeetDescription

## PERU SAND

1076.0 - 1081.7	Grayish light brown calcareous shaly sandstone.
1081.7 - 1085.6	Hard gray calcareous shaly sandstone.
1085.6 - 1093.3	Grayish light brown calcareous shaly sandstone.
1093.3 - 1094.7	Brown and gray laminated calcareous sandstone and shale.
1094.7 - 1101.3	Grayish light brown calcareous shaly sandstone.
1101.3 - 1110.0	Gray sandy shale.