



# OILFIELD RESEARCH LABORATORIES

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

May 29, 1981

Petroleum Production Corporation  
107 Crestview Drive  
Paola, Kansas 66071

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Grandon Lease, Well No. 10, located in the Southeast  $\frac{1}{4}$ , of the Southeast  $\frac{1}{4}$ , of the Southwest  $\frac{1}{4}$ , of Section 9, T-17S, R-22, Miami County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on May 25, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/mkf

5 c to Paola, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

LOGName Petroleum Production Corp. Lease Grandon Well No. 10

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>PERU SAND</u>
491.0 - 491.3	Brown calcareous sandstone.
491.3 - 491.6	Gray limestone.
491.6 - 494.0	Brown slightly calcareous sandstone.
494.0 - 494.5	Gray limestone.
494.5 - 498.0	Brown slightly calcareous sandstone.
498.0 - 499.2	Hard brown calcareous sandstone.
499.2 - 500.0	Gray sandy shale.
500.0 - 500.9	Hard grayish brown limestone.
500.9 - 502.1	Hard brown calcareous sandstone.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Petroleum Production Corp. Lease Grandon Well No. 10

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	491.7	21.1	38	46	84	622	96.
2	492.5	26.4	49	26	75	1005	169.
3	493.5	26.1	41	21	62	830	175.
4	494.6	22.0	76	15	91	1297	94.
5	495.5	19.8	40	34	74	614	181.
6	496.5	18.0	18	27	45	251	82.
7	497.5	9.7	38	14	52	286	68.
8	498.4	6.7	56	36	92	291	2.2
9	500.5	8.5	12	60	72	79	Imp.
10	501.5	19.2	25	21	46	372	0.39