



OILFIELD RESEARCH LABORATORIES

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

May 6, 1981

Yenom Oil Company
841 North Broadway
Wichita, Kansas 67214

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Dotson Lease, Well No. 16, located in Bourbon County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on April 28, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/mkf

4 c to Wichita, Ks.
1 c to Chanute, Ks.

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LOGName Yenom Oil Company Lease Dotson Well No. 16

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>CATTLEMAN SAND</u>
638.0 - 640.0	Brown slightly calcareous sandstone.
640.0 - 640.7	Grayish light brown slightly calcareous shaly sandstone.
640.7 - 643.9	Dark brown slightly calcareous slightly carbonaceous sandstone.
643.9 - 647.5	Light brown slightly calcareous slightly carbonaceous sandstone.
647.5 - 649.7	Grayish light brown shaly sandstone.
649.7 - 652.6	Gray shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Yenom Oil Company Lease Dotson Well No. 16

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	638.5	16.0	59	23	82	732	58.
2	639.5	17.2	49	33	82	654	62.
3	640.5	16.5	53	28	81	678	6.3
4	641.5	22.3	52	15	67	900	195.
5	642.4	19.4	43	25	68	647	62.
6	643.5	23.3	64	8	72	1157	203.
7	644.5	19.3	59	31	90	883	14.
8	645.5	19.1	51	39	90	756	43.
9	646.4	15.0	69	26	95	803	11.
10	647.3	15.8	15	44	59	184	9.4
11	648.4	13.8	7	65	72	75	0.57
12	649.5	20.0	19	51	70	295	0.28