



OILFIELD RESEARCH LABORATORIES

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

February 11, 1981

Falcon Oil
P. O. Box 707, 507 E. Main
Chanute, Kansas 66720

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Olson Lease, Well No. 4, located in Section 25, in Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on February 4, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

T27S, R16E, Sec 25

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LOGName Falcon Oil Lease Olson Well No. 4

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>	<u>Squirrel</u> <u>Sand</u>
888.0 - 889.2	Light brown and gray laminated sandstone and shale.	
889.2 - 890.0	Light brown shaly sandstone.	
890.0 - 890.9	Brown and gray laminated sandstone and shale.	
890.9 - 892.8	Grayish brown very shaly sandstone.	
892.8 - 893.8	Brown and gray laminated sandstone and shale.	
893.8 - 895.6	Dark brown sandstone.	
895.6 - 896.8	Brown and gray laminated sandstone and shale.	
896.8 - 897.6	Brown slightly shaly sandstone.	
897.6 - 898.7	Gray sandy shale.	

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Falcon Oil Lease Olson Well No. 4

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	888.7	7.8	57	16	73	345	Imp.
2	889.5	16.3	29	45	74	367	0.52
3	890.5	19.6	52	15	67	791	10.
4	891.5	14.3	51	42	93	566	0.22
5	892.5	16.1	63	33	96	787	0.31
6	893.5	15.2	64	33	97	755	2.2
7	894.5	15.9	62	16	78	765	14.
8	895.5	19.0	51	21	72	752	12.
9	896.5	17.3	43	32	75	577	3.4
10	897.5	16.4	50	23	73	636	9.9