



OILFIELD RESEARCH LABORATORIES

P. O. BOX 647 - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

December 18, 1984

Wilson Exploration, Inc.
ATTN: John Guy
3214 South Water
Wichita, Kansas 67217

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Johnson-Gilmore Lease, Well No. 4, located 165' North from the South Line and 220' East from the West Line (SW) in Section 22, T-14S, R-22E, Johnson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 13, 1984.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

Alan M. Dunning

AMD/rmc

4 c to Wichita, Kansas

1 c to Richard Schmidt
1219 College
Topeka, Kansas 66604

- REGISTERED ENGINEERS -

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

LOGCompany Wilson Exploration, Inc. Lease Johnson-Gilmore Well No. 4

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SANDSTONE</u>
858.5 - 859.0	Shale, gray.
859.0 - 860.1	Sandstone, brown, with scattered gray shale partings.
860.1 - 863.0	Sandstone, dark brown, with scattered gray shale partings.
863.0 - 865.0	Sandstone, dark brown, with gray shale partings.
865.0 - 866.9	Sandstone, brown, shaly, with gray shale partings.
866.9 - 867.5	Sandstone, grayish brown, very shaly.

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TABLE 1

Company Wilson Exploration, Inc. Lease Johnson-Gilmore Well No. 4

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbbs. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	859.5	19.7	40	32	72	611	11.
2	860.5	28.3	36	20	56	790	181.
3	861.5	23.0	47	15	62	839	305.
4	862.5	21.3	44	22	66	727	266.
5	863.5	19.7	41	41	82	627	23.
6	864.5	15.4	54	38	92	645	8.5
7	865.3	18.6	44	34	78	635	3.8
8	866.4	19.0	34	32	66	501	2.0
$5 \times 2.5 \times 275 = 3450$							

