



OILFIELD RESEARCH LABORATORIES

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January 4, 1982

Tech American Resources Corporation
c/o L. C. Bodeman, Jr.
P. O. Box 467
Moran, Kansas 66755

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Richards Lease, Well No. 5, located 220' from the North Line and 660' from the West Line of the Northwest $\frac{1}{4}$ in Section 27, T-25S, R-19E, in Allen County, Kansas.

The core was sampled and sealed in plastic bags, except for samples 4, 5, and 6 which were unbagged. The core was delivered to the laboratory by a representative of the client on December 30, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Moran, Kansas

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LOGName Tech American Resources Corp. Lease Richards Well No. 5

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SAND</u>
858.0 - 863.0	Gray shale with very fine light gray sandstone partings.
863.0 - 864.5	Grayish brown shaly sandstone with fine shale partings.
864.5 - 866.1	Very dark brown sandstone.
866.1 - 869.7	Grayish brown shaly sandstone with very fine intermittent shale partings.
869.7 - 870.4	Grayish brown shaly sandstone with intermittent coal partings.
870.4 - 872.7	Grayish brown slightly shaly sandstone.
872.7 - 873.4	Gray shale with very fine light gray sandstone partings.
873.4 - 873.9	Grayish brown shaly sandstone.
873.9 - 875.0	Grayish brown shaly sandstone with intermittent fine coal partings.
875.0 - 876.0	Gray shale with light brown sandstone partings.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Tech American Resources Corp. ~~Lease~~ Richards Well No. 5

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	863.5	14.5	35	46	81	394	0.71
2	864.6	18.0	51	20	71	712	14.
3	865.5	19.3	54	21	75	809	16.
* 4	868.5	16.3	63	24	87	797	3.0
* 5	871.5	15.1	62	29	91	726	9.1
* 6	874.5	20.1	52	11	63	811	0.48
NOTE: * SAMPLE WAS UNBAGGED							