

OILFIELD RESEARCH LABORATORIES

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

April 25, 1981

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

Gentlemen:

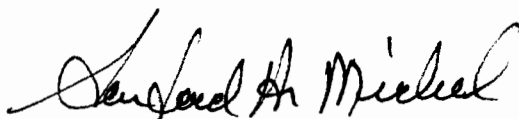
Attached hereto are the results of tests run on the rotary core taken from the Morrison Lease, Well No. B-19, located in the Northwest $\frac{1}{4}$ in Section 22, T-25S, R-19E, in Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on April 21, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/kas

5 c to Moran, Kansas

- REGISTERED ENGINEERS -

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

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LOGName Tech American Resources Corp. Lease Morrison Well No. B-19

<u>Depth Interval, Feet</u>	<u>Description</u>
837.0 - 839.8	Grayish light brown shaly sandstone.
839.8 - 843.3	Light brown sandstone.
843.3 - 843.9	Grayish light brown shaly sandstone.
843.9 - 844.5	Light brown sandstone.
844.5 - 846.7	Gray calcareous sandstone.
846.7 - 854.2	Brown slightly calcareous sandstone.
854.2 - 855.3	Grayish light brown slightly calcareous shaly sandstone.
855.3 - 856.7	Brown slightly calcareous sandstone.
856.7 - 860.2	Grayish light brown slightly calcareous shaly sandstone.
860.2 - 866.7	Brown slightly calcareous sandstone.
866.7 - 868.0	Light brown slightly calcareous sandstone.
868.0 - 871.7	Gray shale.
871.7 - 872.9	Grayish light brown slightly calcareous shaly sandstone.
872.9 - 874.4	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Tech American Resources Corp. Morrison Well No. B-19
 Company _____ Lease _____

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	837.5	14.5	31	53	84	349	1.7
2	838.5	15.3	34	50	84	404	3.4
3	839.5	14.5	44	44	88	495	1.2
4	840.5	17.2	57	24	81	761	16.
5	841.5	16.2	55	29	84	691	19.
6	842.5	17.1	49	32	81	650	24.
7	843.6	16.0	26	41	67	323	0.47
8	844.4	15.7	40	40	80	487	12.
9	845.5	5.9	37	57	94	169	Imp.
10	846.5	12.7	25	31	56	246	3.5
11	847.6	17.6	39	34	73	533	60.
12	848.5	18.8	57	19	76	831	71.
13	849.6	18.2	35	33	68	494	70.
14	850.5	18.7	46	31	77	667	105.
15	851.5	18.9	42	29	71	616	72.
16	852.6	18.2	32	32	64	452	153.
17	853.5	18.4	50	29	79	714	169.
18	854.5	13.9	52	39	91	561	3.4
19	855.5	19.0	41	30	71	604	60.
20	856.5	20.1	32	39	71	499	64.
21	857.5	15.0	46	50	96	535	5.6
22	858.5	15.9	52	33	85	641	6.3
23	859.5	15.4	35	47	82	418	4.3
24	860.5	18.0	57	30	87	796	26.
25	861.5	17.5	53	36	89	720	21.
26	862.5	17.9	61	32	93	847	13.
27	863.5	15.3	52	29	81	617	26.
28	864.5	15.3	73	23	96	867	33.
29	865.5	17.8	67	16	83	925	63.
30	866.5	17.0	74	14	88	976	104.
31	867.5	15.9	43	24	67	530	19.
32	872.5	16.0	66	26	92	819	3.3