



OILFIELD RESEARCH LABORATORIES

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

November 30, 1981

Tech-American (Kansas)
% Dan Arbuckle
P. O. Box 467
Moran, Kansas 66755

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the H. E. Scott Lease, Well No. 1, located 1100' from the East Line and 220' from the South Line in the Southwest $\frac{1}{4}$, of Section 14, T-25S, R-19E, in Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 27, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/mkf

5 c to Moran, Ks.

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LOGName Tech-American (Kansas) Lease H. E. Scott Well No. 1

<u>Depth Interval, Feet</u>	<u>Description</u>
847.0 - 850.0	Grayish brown shaly sandstone with shale partings.
850.0 - 851.1	Brown sandstone with shale partings.
851.1 - 854.3	Grayish brown shaly sandstone with shale partings.
854.3 - 855.1	Grayish brown sandstone with shale partings.
855.1 - 859.3	Grayish brown shaly sandstone with shale partings containing a vertical fracture.
859.3 - 860.0	Brown sandstone containing a vertical fracture.
860.0 - 861.0	Gray and brown laminated shale and sandstone.
861.0 - 864.2	Brown sandstone containing a vertical fracture.
864.2 - 881.0	Grayish brown shaly sandstone with fine shale and micaceous partings.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Tech-American (Kansas) Lease H. E. Scott Well No. 1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	847.5	16.1	45	33	78	562	3.9
2	848.5	16.9	45	33	78	590	8.0
3	849.5	15.5	52	33	85	625	7.2
4	850.5	17.2	47	34	81	627	13.
5	851.6	15.0	56	32	88	652	1.2
6	652.4	17.8	53	25	78	732	2.4
7	853.5	17.0	45	33	78	594	5.2
8	854.5	17.8	15	47	62	207	12.
9	855.5	14.9	26	59	85	301	0.37
10	856.4	16.4	31	52	83	394	0.73
11	857.5	15.2	29	56	85	342	9.2
12	858.6	10.8	20	73	93	168	2.0
13	859.5	19.2	41	30	71	611	29.
14	860.7	16.7	13	54	67	168	9.6
15	861.5	17.5	55	27	82	747	35.
16	862.6	19.4	46	29	75	692	62.
17	863.5	19.9	64	21	85	988	62.
18	864.5	20.0	76	18	94	1179	7.8
19	865.5	19.0	71	27	98	1047	5.7
20	866.5	19.2	59	24	83	879	7.5
21	867.5	16.3	76	15	91	961	0.34
22	868.6	17.1	57	33	90	756	1.8
23	869.6	17.3	64	32	96	859	1.4
24	870.6	15.7	42	27	69	512	1.0
25	871.5	14.5	41	44	85	461	0.41
26	872.6	17.9	58	25	83	805	3.9
27	873.5	16.0	58	31	89	720	2.0
28	874.6	17.0	65	24	89	857	6.0
29	875.4	14.4	40	50	90	447	0.78
30	876.6	17.6	55	33	88	751	3.3
31	877.6	18.7	52	30	82	754	3.9
32	878.5	16.1	62	23	85	774	2.2
33	879.5	17.5	59	26	85	801	4.9
34	880.5	9.9	43	50	93	330	0.40