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

December 22, 1986

Kansas Oil Properties, Inc.
R. 3, Box 189A
Baldwin City, KS 66006

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Shephard II Lease, Well No. 9, located in Section 13, T14S, R20E, Douglas County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on December 18, 1986.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

Alan M. Dunning

AMD:bl

5 c to Baldwin City, KS

LOG

Company Kansas Oil Properties, Inc. Lease Shephard II Well No. 9

SECOND SQUIRREL SANDSTONE

Depth Interval, Feet	Description
710.0 - 718.6	Sandstone, dark brown.
718.6 - 719.0	Sandstone, dark brown with widely scattered shale nodules.
719.0 - 719.1	Shale, gray.
719.1 - 719.7	Sandstone, brown, containing large shale nodules.
719.7 - 721.0	Sandstone, brown.
721.0 - 723.0	Sandstone, brown with widely scattered shale and mica partings.
723.0 - 725.4	Sandstone, brown with widely scattered shale, mica, and carbonaceous partings.
725.4 - 726.0	Sandstone, dark brown.
726.0 - 727.3	Sandstone, brown with scattered shale and mica partings.
727.3 - 729.8	Sandstone, dark brown.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Kansas Oil Properties, Inc. Lease Shephard II Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Stock Tank Barrels per Acre Foot	Permeability, Millidarcys
			Oil	Water	Total		
1	710.5	24.6	52	34	86	1200	*
2	711.5	27.0	42	33	75	1337	158.
3	712.4	25.9	39	35	74	1244	138.
4	713.5	26.1	49	31	80	1331	109.
5	714.5	27.7	37	30	67	1433	115.
6	715.5	25.6	40	32	72	1286	83.
7	716.5	24.5	40	32	72	1231	88.
8	717.5	25.9	38	32	70	1301	109.
9	718.5	26.4	38	29	67	1385	140.
10	719.5	20.6	23	59	82	624	11.
11	720.5	25.7	35	37	72	1196	63.
12	721.4	25.0	39	31	70	1275	95.
13	722.5	24.9	39	35	74	1196	67.
14	723.4	24.1	36	31	67	1229	64.
15	724.5	26.0	45	30	75	1345	64.
16	725.5	25.3	48	28	76	1346	76.
17	726.5	25.1	31	33	64	1243	118.
18	727.5	25.3	47	23	70	1439	151.
19	728.5	25.7	46	22	68	1481	218.
20	729.5	26.2	51	22	73	1510	174.

Note: * Permeability sample unobtainable.