



OILFIELD RESEARCH LABORATORIES

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

February 11, 1981

Timber Hill Development
P. O. Box 366
Cherryvale, Kansas 67335

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Driskell Stanger Lease, Well No. 3, located in the Southeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ in Section 4, T-32S, R-17E, in Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on February 4, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Cherryvale, Kansas

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LOGName Timber Hill Development Lease Driskell Stanger Well No. 3

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BARTLESVILLE SAND</u>
750.0 - 753.1	Grayish brown shaly sandstone.
753.1 - 757.3	Light brown and gray laminated sandstone and shale.
757.3 - 759.0	Light brown shaly sandstone.
759.0 - 761.2	Light brown and gray laminated sandstone and shale.
761.2 - 762.1	Brown sandstone.
762.1 - 763.0	Brown shaly sandstone.
763.0 - 766.4	Brown and gray laminated sandstone and shale.
766.4 - 770.0	Brown shaly sandstone.
772.0 - 773.8	Brown and gray laminated sandstone and shale.
773.8 - 774.9	Brown shaly sandstone.
774.9 - 776.6	Brown sandstone.
776.6 - 779.3	Brown and gray laminated sandstone and shale.
779.3 - 780.3	Grayish brown conglomeratic shaly sandstone.
780.3 - 781.6	Brown and gray laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Timber Hill Development Lease Driskell Stagner Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	750.5	13.2	29	50	79	297	4.1
2	751.5	13.7	26	46	72	276	Imp.
3	752.5	10.6	23	70	93	189	Imp.
4	753.5	18.1	21	30	51	295	1.4
5	754.5	13.4	27	64	91	281	Imp.
6	755.5	18.6	18	48	66	260	3.8
7	756.6	16.3	22	42	64	278	1.4
8	757.6	21.3	42	27	69	694	7.8
9	758.4	17.3	48	32	80	644	0.71
10	759.5	13.1	35	55	90	356	2.8
11	760.5	15.9	18	43	61	222	3.1
12	761.5	20.5	27	40	67	429	18.
13	762.5	16.5	30	41	71	384	1.5
14	763.6	15.5	45	40	85	541	Imp.
15	764.5	16.1	22	44	66	275	1.8
16	765.5	16.6	30	44	74	386	2.2
17	766.5	20.9	41	33	74	665	9.2
18	767.5	19.3	38	38	76	569	6.4
19	768.5	19.9	41	31	72	633	6.5
20	769.5	20.5	54	23	77	859	9.9
21	772.5	14.3	45	41	86	499	1.6
22	773.5	17.1	43	26	69	570	4.7
23	774.6	20.3	44	34	78	693	9.3
24	775.5	20.7	41	30	71	658	46.
25	776.5	20.1	54	15	69	842	18.
26	777.5	18.4	33	33	66	471	4.5
27	778.5	17.0	49	27	76	646	4.2
28	779.5	16.6	30	60	90	386	6.3
29	780.5	12.6	43	50	93	420	13.
30	781.5	16.5	42	30	72	538	Imp.