

OILFIELD RESEARCH LABORATORIES

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

June 19, 1980.

Triangle Petroleum Company, Inc.
211 East Laurel
P.O. Box 1047
Independence, Kansas 67301

Gentlemen:

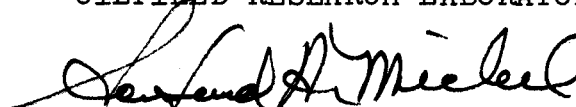
Enclosed herewith are the results of tests run on the rotary core taken from the Edds Lease, Well No. 5, Montgomery County, Kansas, and submitted to our laboratory on June 9, 1980.

The core was sampled and sealed in plastic bags by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

20 c to Independence, Kansas

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Triangle Petroleum Company, Inc. Lease Edds Well No. 5
 Location 1265' FNL & 1060' FEL NW $\frac{1}{4}$
 Section 27 Twp. 33S Rge. 14E County Montgomery State Kansas

Elevation, Feet	
Name of Sand	Wayside
Top of Core	696.0
Bottom of Core	715.3
Top of Sand	696.0
Bottom of Sand	715.3
Total Feet of Permeable Sand	19.3

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 2	6.1	6.1
2 - 4	3.0	9.1
4 - 6	2.0	11.1
6 - 8	2.6	13.7
8 - 10	4.6	18.3
10 & Above	1.0	19.3

Average Permeability Millidarcys	4.9
Average Percent Porosity	71.3
Average Percent Oil Saturation	28.2
Average Percent Water Saturation	54.8
Average Oil Content, Bbls./A. Ft.	381.
Total Oil Content, Bbls./Acre	7,358.

LOGName Triangle Petroleum Company, Inc. Lease Edds Well No. 5Depth Interval,
FeetDescription

696.0 - 698.0

Light brown shaly sandstone.

698.0 - 699.6

Light brown to gray, very shaly sandstone.

699.6 - 715.3

Light brown shaly sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Triangle Petroleum Company, Inc. Lease Edds Well No. 5

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation		Oil Content Bbbs. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water			T Total	Ft.		
1	696.5	17.3	24	56	80	6.3	1.0	1.0	322	6.30
2	697.6	17.7	39	41	80	8.3	1.0	2.0	536	8.30
3	698.5	16.6	22	65	87	0.73	1.0	3.0	283	0.73
4	699.5	16.7	29	48	77	6.9	0.6	3.6	226	4.14
5	700.7	18.5	29	50	79	9.2	1.6	5.2	666	14.72
6	701.8	19.2	28	48	76	0.21	1.0	6.2	417	0.21
7	702.6	16.9	37	47	84	6.4	1.0	7.2	485	6.40
8	703.6	17.3	18	64	82	1.2	1.0	8.2	242	1.20
9	704.5	15.4	22	65	87	0.54	1.0	9.2	263	0.54
10	705.7	16.7	45	44	89	4.4	1.0	10.2	583	4.40
11	706.5	16.9	26	59	85	1.8	1.0	11.2	341	1.80
12	707.5	18.6	29	47	76	9.8	1.0	12.2	419	9.80
13	708.8	19.1	29	46	75	13.9	1.0	13.2	430	13.00
14	709.7	18.1	35	46	81	8.9	1.0	14.2	492	8.90
15	710.3	16.5	30	62	92	1.0	1.1	15.3	422	1.10
16	711.6	14.9	10	83	93	2.6	1.0	16.3	116	2.60
17	712.5	15.6	37	55	92	3.9	1.0	17.3	448	3.90
18	713.6	20.2	26	50	76	4.3	1.0	18.3	408	4.30
19	714.5	15.9	21	65	86	2.9	1.0	19.3	259	2.90

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SUMMARY OF PERMEABILITY & SATURATION TESTS

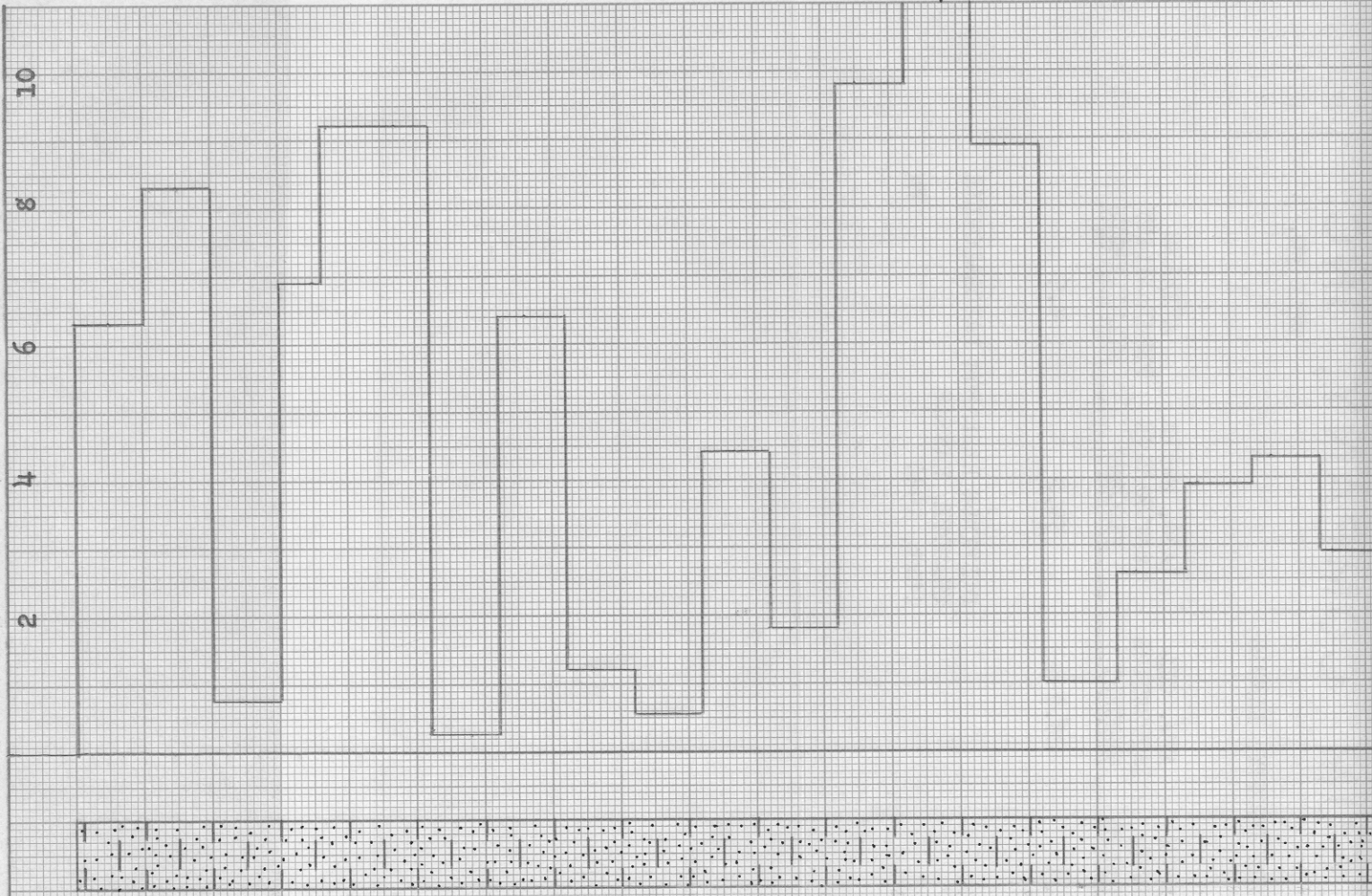
TABLE III

Company Triangle Petroleum Company, Inc. Lease Edds Well No. 5

Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
696.0 - 715.3	19.3	4.9	95.24	381	7,358
696.0 - 715.3	19.3	28.2	54.8	17.3	381

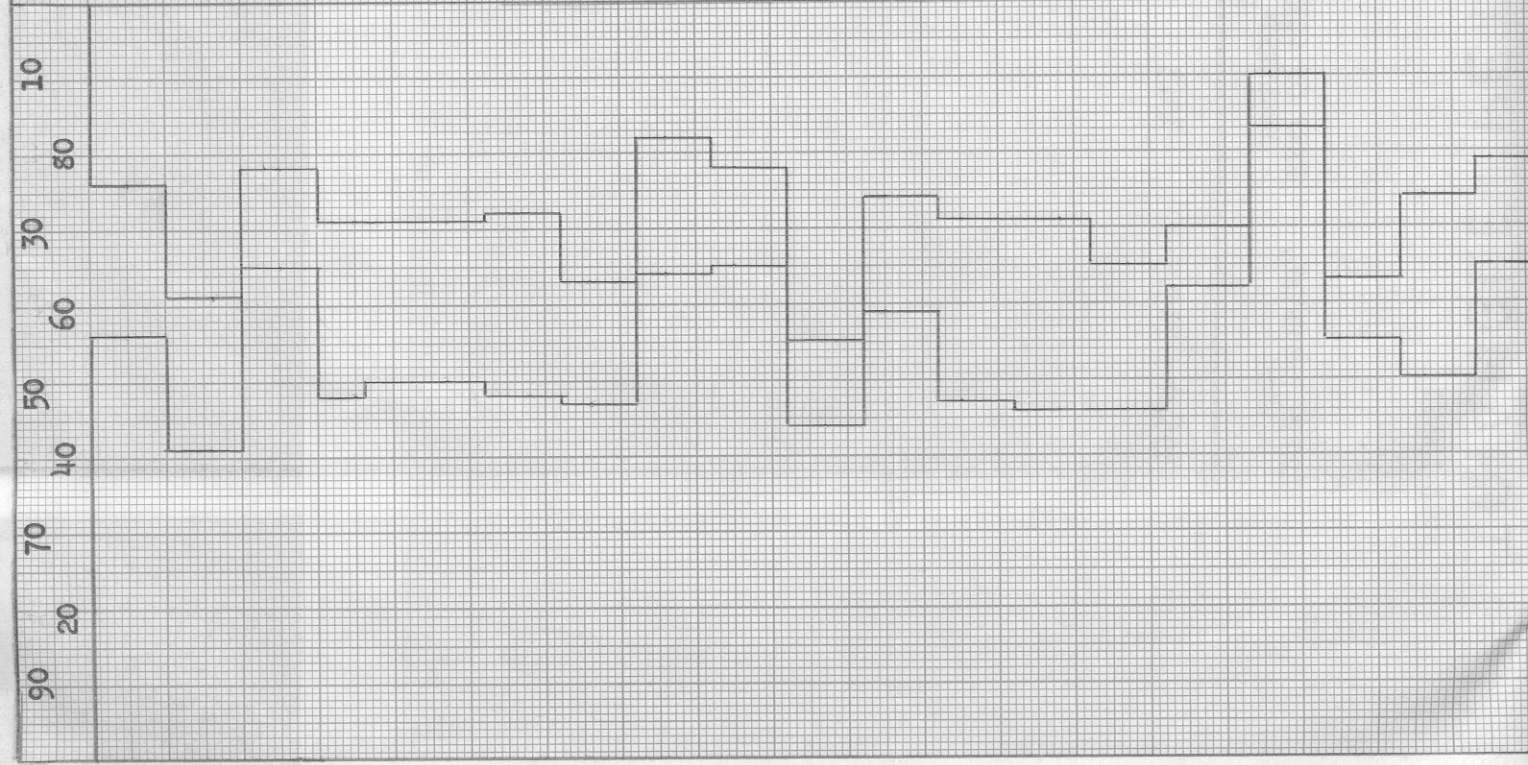
PERMEABILITY, IN MILLIDARCYS

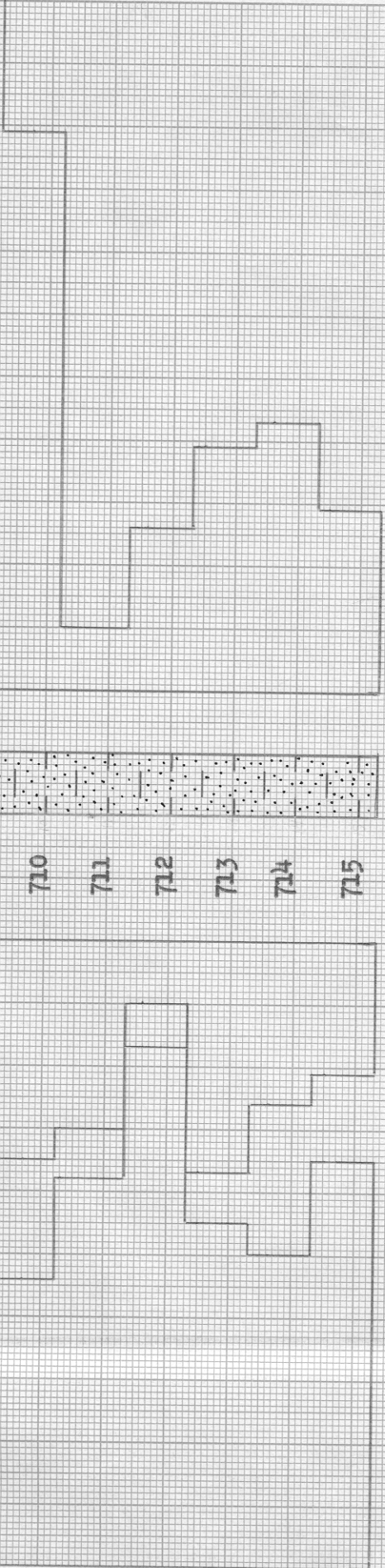
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WATER SAT., PERCENT

OIL SAT., PERCENT





KEY:



SHALY SANDSTONE

TRIANGLE PETROLEUM COMPANY, INC.

EDDS LEASE WELL NO. 5

MONTGOMERY COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY MILLIDARCS
696.0 - 715.3	19.3	17.3	28.2	54.8	4.9

OILFIELD RESEARCH LABORATORIES
CHANDLER, KANSAS
JUNE, 1980

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