

OILFIELD RESEARCH LABORATORIES

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

October 28, 1980

Tri State Oil Exploration, Inc.
Rural Route #2
Brownfield, Illinois 62911

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Fish Lease, Well No. 6, Crawford County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on September 22, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

5 c to Brownfield, Illinois

T285, R22E, Sec. 5

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GENERAL INFORMATION & SUMMARY

Company Tri-State Oil Exploration, Inc. Lease Fish Well No. 6

Location -

Section 5 - Twp. 28 - S Rge. 22 - E County Crawford State Kansas

Elevation, Feet

Name of Sand

Tucker

Top of Core

584.0

Bottom of Core

595.0

Top of Sand

584.0

Bottom of Sand (Tested)

594.0

Total Feet of Permeable Sand

8.6

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

1 - 10

8.6

8.6

Average Permeability Millidarcys

4.5

Average Percent Porosity

16.6

Average Percent Oil Saturation

41.3

Average Percent Water Saturation

32.7

Average Oil Content, Bbls./A. Ft.

533.

Total Oil Content, Bbls./Acre

4,585.

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LOG

Name Tri-State Oil Exploration, Inc. Lease Fish Well No. 6

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
584.0 - 591.7	Brown shaly sandstone.
591.7 - 593.1	Light brown very shaly sandstone.
593.1 - 594.0	Brown shaly sandstone.
594.0 - 595.0	Gray laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Tri-State Oil Exploration, Inc. Lease Fish Well No. 6

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	584.5	18.6	46	22	68	664	7.7	1.5	1.5	996	11.55
2	586.5	17.8	41	33	74	566	3.4	1.5	3.0	849	5.10
3	587.5	17.2	35	39	74	467	5.0	1.0	4.0	467	5.00
4	588.5	14.2	22	53	75	242	1.4	1.0	5.0	242	1.40
5	589.5	16.6	43	30	73	554	4.2	1.0	6.0	554	4.20
6	590.5	16.0	48	31	79	596	5.1	1.0	7.0	596	5.10
7	591.5	15.4	50	30	80	597	6.0	0.7	7.7	418	4.20
8	593.5	14.4	46	28	74	514	2.4	0.9	8.6	463	2.16

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Tri-State Oil Exploration, Inc. Lease Fish Well No. 6

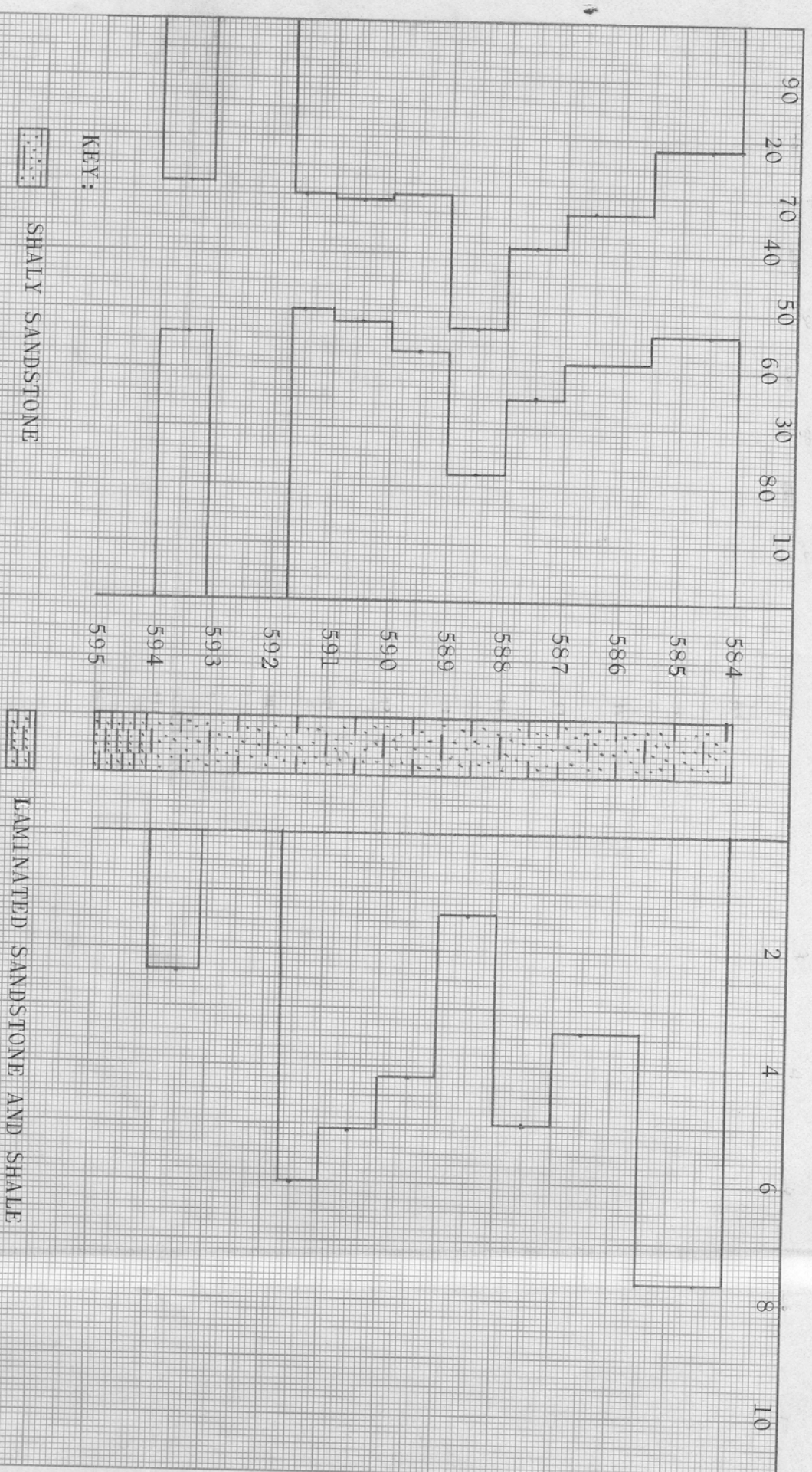
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Pt. x Md.
584.0 - 594.0	8.6	4.5	38.7

Depth Interval, Feet	Feet of Core Analyzed	Average Percent Porosity	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
584.0 - 594.0	8.6	16.6	41.3	32.7	533	4,585

WATER SAT., PERCENT
K&E 10 X 10 TO THE CENTIMETER #25 X 38 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.
OIL SAT., PERCENT

47 1512

PERMEABILITY, IN MILLIDARCYs



TRI-STATE OIL EXPLORATION, INC.

FISH LEASE

CRAWFORD COUNTY, KANSAS

WELL NO. 6

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCS
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584.0 - 594.0	8.6	16.6	41.3	32.7	4.5
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CHANUTE, KANSAS
OCTOBER, 1980

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