

OILFIELD RESEARCH LABORATORIES

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

April 21, 1981

Shaw Enterprises, Inc.
R R 4
Chanute, Kansas 66720

Gentlemen:

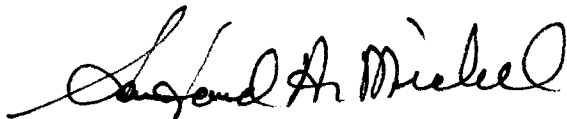
Enclosed herewith are the results of tests run on the rotary core taken from the Shaw Lease, Well No. 76, located in Neosho County, Kansas.

The core was sampled by a representative of the client and was submitted to our laboratory on April 15, 1981.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES



Sanford A. Michel

SAM/kas

5 c to Chanute, Kansas

Oilfield Research Laboratories
GENERAL INFORMATION & SUMMARY

Company Shaw Enterprises, Inc. Lease Shaw Well No. 76
 Location _____
 Section 22 Twp. 28S Rge. 19E County Neosho State Kansas

Elevation, Feet

Name of Sand	Bartlesville
Top of Core	592.0
Bottom of Core	602.4
Top of Sand	592.0
Bottom of Sand	602.4
Total Feet of Permeable Sand	7.2

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 4	6.4	6.4
16 - 20	0.8	7.2

Average Permeability Millidarcys	4.4
Average Percent Porosity	15.9
Average Percent Oil Saturation	50.8
Average Percent Water Saturation.....	28.9
Average Oil Content, Bbls./A. Ft.....	637.
Total Oil Content, Bbls./Acre.....	5,545.

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LOGName Shaw Enterprises, Inc. Lease Shaw Well No. 76

<u>Depth Interval, Feet</u>	<u>Description</u>
592.0 - 592.8	Brown sandstone
592.8 - 596.0	Slightly calcareous slightly carbonaceous grayish brown shaly sandstone.
596.0 - 602.4	Slightly calcareous slightly carbonaceous gray sandstone with fine shale partings.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Shaw Enterprises, Inc.Lease ShawWell No. 76

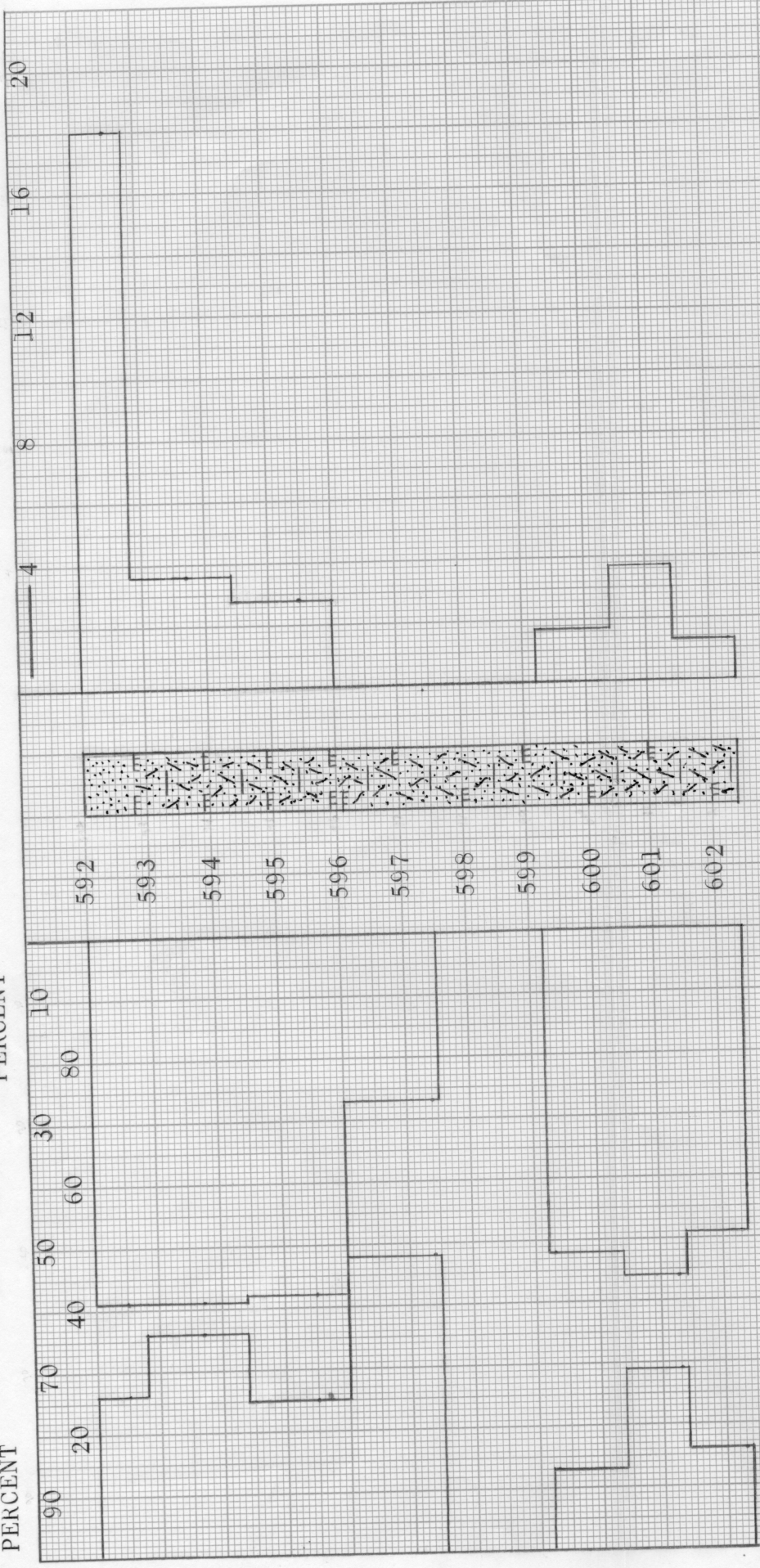
Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	592.5	17.4	59	26	85	796	18.	0.8	0.8	637	14.40
2	593.7	16.0	59	36	95	732	3.6	1.6	2.4	1171	5.76
3	595.5	18.5	58	25	83	832	2.8	1.6	4.0	1331	4.48
4	597.4	13.5	27	48	75	283	*	1.5	5.5	425	-
5	599.3	15.5	52	13	65	625	1.7	1.2	6.7	750	2.04
6	601.3	15.9	56	29	85	691	3.7	1.0	7.7	691	3.70
7	602.3	14.2	49	16	65	540	1.3	1.0	8.7	540	1.30

NOTE: * Permeability sample unobtainable.

PERMEABILITY, IN MILLIDARCYS

WATER SAT., PERCENT

OIL SAT., PERCENT



CARBONACEOUS SHALY CALCAREOUS SANDSTONE



CARBONACEOUS CALCAREOUS SANDSTONE WITH FINE SHALE PARTINGS



KEY:

SANDSTONE



SHAW ENTERPRISES, INC.

SHAW LEASE

WELL NO. 76

NEOSHO COUNTY, KANSAS

DEPTH INTERVAL, FEET	FEET OF COKE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCYS
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592.0 - 602.4

8.7

15.9

50.8

28.9

4.4

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CHANUTE, KANSAS
APRIL, 1981

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