

OILFIELD RESEARCH LABORATORIES

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

October 10, 1980

Inexco Oil Company
R R # 2, Box 3
Moran, Kansas 66755

Gentlemen:

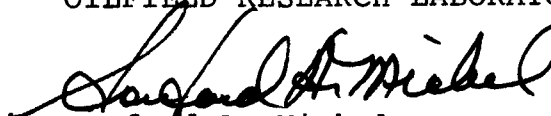
Enclosed herewith are the results of tests run on the rotary core taken from the Booth Lease, Well No. 14, located in Allen County, Kansas and submitted to our laboratory on August 12, 1980.

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/ks

3 c to Moran, Kansas
2 c to Oklahoma City, Oklahoma

Oilfield Research Laboratories
GENERAL INFORMATION & SUMMARY

Company Inexco Oil Co. Lease Booth Well No. 14
 Location -
 Section 18 Twp. 25S Rge. 21E County Allen State Kansas

Elevation, Feet	-
Name of Sand	Bartlesville
Top of Core	733.0
Bottom of Core	741.2
Top of Sand	733.0
Bottom of Sand	739.1
Total Feet of Permeable Sand	5.1

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 6	2.2	2.2
6 - 15	1.6	3.8
42 & Above	1.3	5.1

Average Permeability Millidarcys	16.1
Average Percent Porosity	13.1
Average Percent Oil Saturation	29.5
Average Percent Water Saturation	65.4
Average Oil Content, Ebls./A. Ft.	368.
Total Oil Content, Ebls./Acres	2,244.

LOG

Name Inexco Oil Company Lease Booth Well No. 14

<u>Depth Interval, Feet</u>	<u>Description</u>
733.0 - 735.3	Gray laminated sandstone and shale.
735.3 - 736.2	Grayish light brown very shaly sandstone.
736.2 - 737.8	Dark brown slightly calcareous sandstone.
737.8 - 739.1	Dark brown slightly calcareous shaly sandstone.
739.1 - 740.2	Coal.
740.2 - 741.2	Gray shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Inexco Oil Company Lease Booth Well No. 14

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	733.5	10.2	3	93	96	24	Imp.	1.0	1.0	24	0.00
2	734.5	9.4	8	89	97	58	42.	1.3	2.3	75	54.60
3	735.5	7.1	20	70	90	110	0.52	0.9	3.2	99	0.47
4	736.5	16.9	47	50	97	616	11.	1.0	4.2	616	11.00
5	737.5	15.2	50	46	96	590	14.	0.6	4.8	354	8.40
6	738.5	19.4	55	38	93	828	5.7	1.3	6.1	1076	7.41

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company Inexco Oil Co. Lease Booth Well No. 14

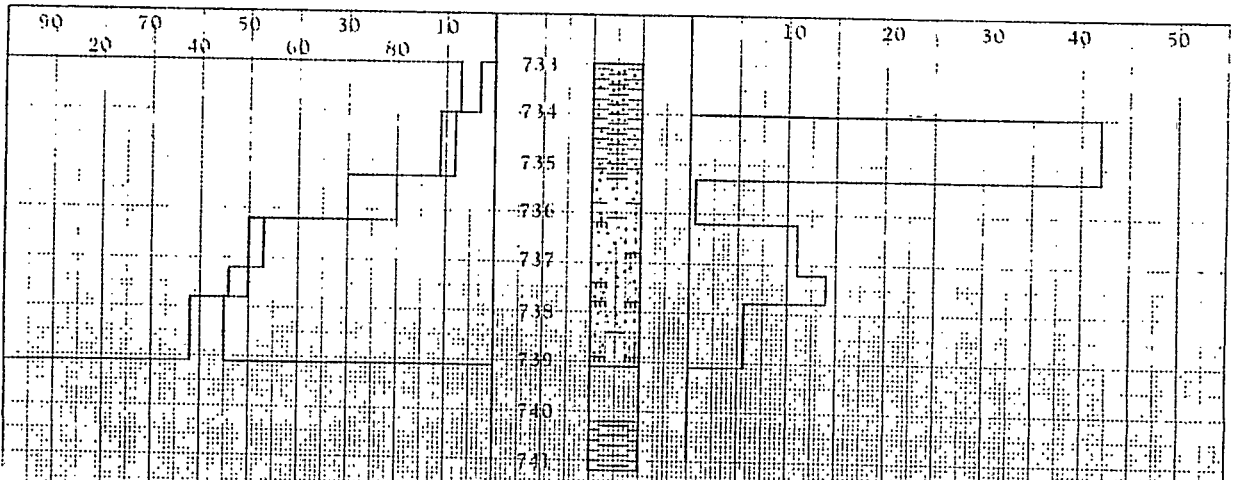
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.
733.0 - 739.1	5.1	16.1	81.88

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
733.0 - 739.1	6.1	13.1	29.5	65.4	368	2,244

WATER SAT. PERCENT

OIL SAT. PERCENT

PERMEABILITY, IN MILLIDARCY



KEY

LAMINATED SANDSTONE & SHALE

CALCAREOUS SANDSTONE

COAL

SHALY SANDSTONE

SHALY CALCAREOUS SANDSTONE

SHALE

INEXCO OIL COMPANY

BOOTH LEASE

ALLEN COUNTY, KANSAS

WELL NO. 24

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE POROSITY PERCENT	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY MILLIDARCY
733.0 - 739.1	6.1	13.1	29.3	65.4	10.1

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 CHANUTE, KANSAS
 SEPTEMBER, 1980

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