

OILFIELD RESEARCH LABORATORIES

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

March 5, 1982

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 Ericson Lease, Well No. W-14, located in Allen County, Kansas and submitted to our laboratory on March 3, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

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

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GENERAL INFORMATION & SUMMARY

Company Inexco Oil Company Lease Ericson Well No. W-14
 Location 400' FEL & 500' FSL, SE $\frac{1}{4}$
 Section 13 Twp. 26S Rge. 20E County Allen State Kansas

Elevation, Feet

Name of Sand.....

Bartlesville

Top of Core

727.0

Bottom of Core

738.1

Top of Sand

727.0

Bottom of Sand

737.1

Total Feet of Permeable Sand

8.2

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 4	1.1	1.1
30 - 63	1.9	3.0
113 - 164	5.2	8.2

Average Permeability Millidarcys

99.0

Average Percent Porosity

18.8

Average Percent Oil Saturation

34.7

Average Percent Water Saturation.....

46.2

Average Oil Content, Bbls./A. Ft.

505.

Total Oil Content, Bbls./Acre.....

4,142.

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LOG

Name Inexco Oil Company Lease Ericson Well No. W-14

<u>Depth Interval, Feet</u>	<u>Description</u>
727.0 - 732.2	Brownish black slightly carbonaceous sandstone.
732.2 - 732.7	Gray and brown finely laminated shale and sandstone.
732.7 - 733.5	Brownish dark gray slightly carbonaceous sandstone.
733.5 - 734.9	Gray shale with scattered brown sandstone partings.
734.9 - 736.0	Brownish black slightly carbonaceous sandstone.
736.0 - 737.1	Grayish brown shaly sandstone.
737.1 - 738.1	Gray shale with scattered brown sandstone partings.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Inexco Oil Company Lease Ericson Well No. W-14

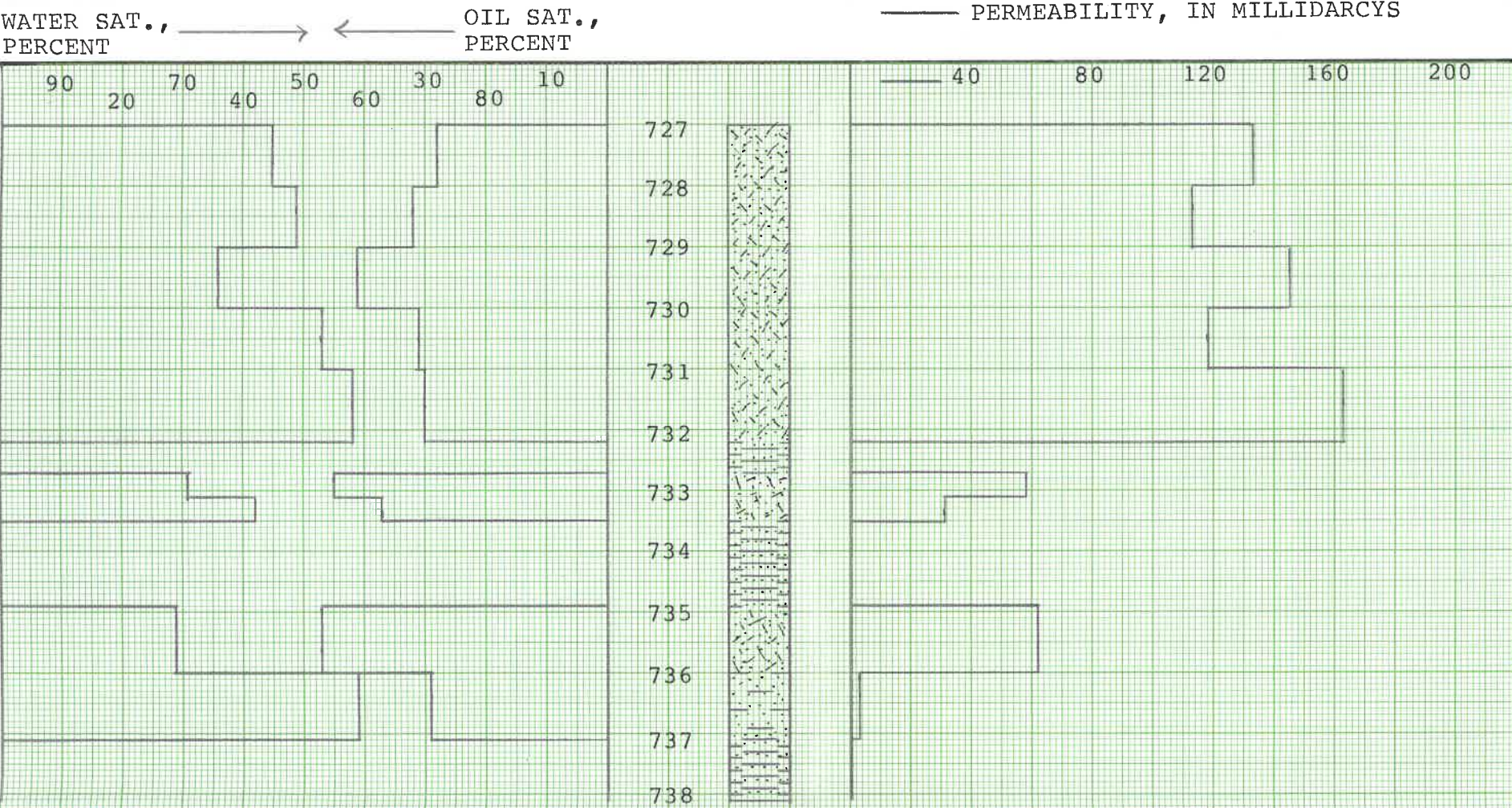
Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	727.6	19.7	28	45	73	428	133.	1.0	1.0	428	133.00
2	728.4	19.3	32	49	81	479	113.	1.0	2.0	479	113.00
3	729.4	20.5	41	36	77	652	145.	1.0	3.0	652	145.00
4	730.5	19.8	31	53	84	476	118.	1.0	4.0	476	118.00
5	731.6	20.5	30	58	88	477	163.	1.2	5.2	572	195.60
6	732.8	18.7	45	31	76	653	58.	0.4	5.6	261	23.20
7	733.4	18.1	37	42	79	520	31.	0.4	6.0	208	12.40
8	735.6	16.9	47	29	76	616	62.	1.1	7.1	678	68.20
9	736.4	15.7	29	59	88	353	3.3	1.1	8.2	388	3.63

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company		Inexco Oil Company	Lease	Ericson	Well No.	W-14
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.			
727.0 - 737.1	8.2	99.0	812.03			
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
727.0 - 737.1	8.2	18.8	34.7	46.2	505	4,142



INEXCO OIL COMPANY

ERICSON LEASE

ALLEN COUNTY, KANSAS

WELL NO. W-14

DEPTH INTERVAL, FEET	FEET OF CORE ANALYZED	AVERAGE PERCENT POROSITY	AVG. OIL SATURATION PERCENT	AVG. WATER SATURATION PERCENT	AVERAGE PERMEABILITY, MILLIDARCYS
727.0 - 737.1	8.2	18.8	34.7	46.2	99.0

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CHANUTE, KANSAS
MARCH, 1982

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