



OILFIELD RESEARCH LABORATORIES

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

November 12, 1979

We-Kan Resources, Inc.
Rural Route 3
Garnett, Kansas 66032

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core samples taken from the Markley Lease, Well No.2, Linn County, Kansas and submitted to our laboratory on November 5, 1979.

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

Benjamin R. Pearman
Benjamin R. Pearman

BRP/tem
5 c to Garnett, Kansas

- REGISTERED ENGINEERS -

ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company We-Kan Resources, Inc. Lease Markley Well No. 2

Location 990' WEL & 150' SNL

Section 1 Twp. 22S Rge. 23E County Linn State Kansas

Name of Sand	-	Upper Bartlesville
Top of Core	-	328.0
Bottom of Core	-	332.0
Top of Sand	-	328.0
Bottom of Sand	-	332.0
Total Feet of Permeable Sand	-	4.0
Total Feet of Floodable Sand	-	-

Distribution of Permeable Sand:
Permeability Range
Millidarcys

	Feet	Cum. Ft.
0 - 25	2.0	2.0
40 & Above	2.0	4.0

Average Permeability Millidarcys	-	33.0
Average Percent Porosity	-	18.2
Average Percent Oil Saturation	-	38.3
Average Percent Water Saturation	-	41.0
Average Oil Content, Bbls./A. Ft.	-	541.
Total Oil Content, Bbls./Acre	-	2,163.
Average Percent Oil Recovery by Laboratory Flooding Tests	-	-
Average Oil Recovery by Laboratory Flooding Tests, Bbls./A. Ft.	-	-
Total Oil Recovery by Laboratory Flooding Tests, Bbls./Acre	-	-
Total Calculated Oil Recovery, Bbls./Acre	-	-
Packer Setting, Feet	-	-
Viscosity, Centipoises @	-	-
A. P. I. Gravity, degrees @ 60 °F	-	-
Elevation, Feet	-	-

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LOG

Name We-Kan Resources, Inc. Lease Markley Well No. 2Depth Interval,
FeetDescriptionSQUIRREL SAND

226.0 - 229.0

Brown slightly shaly sandstone.

229.0 - 231.0

Brown and gray laminated sandstone and shale.

231.0 - 232.0

Brown slightly shaly sandstone.

232.0 - 238.0

Brown and gray laminated sandstone and shale.

UPPER BARTLESVILLE SAND

328.0 - 332.0

Brown slightly shaly sandstone.

LOWER BARTLESVILLE SAND

426.0 - 432.0

Brown and gray laminated sandstone and shale.

432.0 - 434.0

Dark brown sandstone.

434.0 - 437.0

Brown and gray laminated sandstone and shale.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE I-B

Company We-Kan Resources, Inc. Lease Markley Well No. 2

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.		
6	431.5	11.9	64	28	92	591	*	1.0	6.0	591	-
7	432.5	19.6	45	21	66	684	745.	1.0	7.0	684	745.00
8	433.5	21.3	52	15	67	859	599.	1.0	8.0	859	599.00
9	434.5	21.1	39	24	63	638	1.3	1.0	9.0	638	1.30
10	435.5	17.3	23	46	69	309	1.7	1.0	10.0	309	1.70
11	436.5	9.2	36	60	96	257	58.	1.0	11.0	257	58.00

* UNABLE TO GET PERM. SAMPLE

