



OILFIELD RESEARCH LABORATORIES

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

January 22, 1981

United Oil & Gas, Inc.
805 Willow
Coffeyville, Kansas 67337

Gentlemen:

Enclosed herewith are the results of tests run on the rotary core taken from the Enloe Lease, Well No. 3, Montgomery County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on January 12, 1981.

Your business is greatly appreciated.

Very truly yours,

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Sanford A. Michel

SAM/tem

5 c to Coffeyville, Kansas

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GENERAL INFORMATION & SUMMARY

Company United Oil & Gas, Incorporated Lease Enloe Well No. 3

Location -

Section 13 Twp. 35S Rge. 15E County Montgomery State Kansas

Elevation, Feet	
Name of Sand	Wayside
Top of Core	325.0
Bottom of Core	336.3
Top of Sand	325.0
Bottom of Sand	336.3
Total Feet of Permeable Sand	11.3

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 30	4.0	4.0
30 - 40	4.3	8.3
40 - 50	2.0	10.3
50 & Above	1.0	11.3

Average Permeability Millidarcys	34.1
Average Percent Porosity	17.7
Average Percent Oil Saturation	37.2
Average Percent Water Saturation	50.6
Average Oil Content, Bbls./A. Ft.	510.
Total Oil Content, Bbls./Acre	5,759.

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LOG

Name United Oil & Gas, Inc. Lease Enloe Well No. 3

Depth Interval,
Feet

Description

325.0 - 336.3

Brown slightly calcareous sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company United Oil & Gas, Incorporated Lease Enloe Well No. 3

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	325.5	19.6	30	47	77	456	26.	1.0	1.0	456	26.00
2	326.7	18.9	31	60	91	455	41.	1.0	2.0	455	41.00
3	327.6	16.1	41	51	92	512	26.	1.0	3.0	512	26.00
4	328.7	15.3	34	50	84	404	54.	1.0	4.0	404	54.00
5	329.5	17.6	42	48	90	574	36.	1.0	5.0	574	36.00
6	330.5	15.9	41	49	90	506	26.	1.0	6.0	506	26.00
7	331.5	17.7	38	43	81	522	22.	1.0	7.0	522	22.00
8	332.5	18.7	36	53	89	522	41.	1.0	8.0	522	41.00
9	333.5	20.5	41	46	87	652	38.	1.0	9.0	652	38.00
10	334.5	16.9	34	55	89	446	31.	1.0	10.0	446	31.00
11	335.5	17.6	40	54	94	546	34.	1.3	11.3	710	44.20

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	United Oil & Gas, Incorporated	Lease	Enloe	Well No.	3
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.		
325.0 - 336.3	11.3	34.1	385.20		
Depth Interval, Feet	Feet of Core Analyzed	Average Percent Oil Saturation	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
325.0 - 336.3	11.3	37.2	50.6	510	5,759