

OILFIELD RESEARCH LABORATORIES

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

February 7, 1980

Graybol-Patton Company
10 East Third Street
Holarud Building
Suite 301
Tulsa, Oklahoma 74103

Gentlemen:

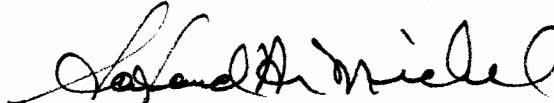
Attached hereto are the results of tests run on the rotary core taken from the Meyer Lease, Well No. G-22, located 1250' from South Line and 220' from West Line, Northwest, Southwest, Southwest, Section 34, T-27S, R-19E, Neosho County, Kansas.

The core was sampled by a representative of the client and submitted to our laboratory on January 3, 1980.

Your business is greatly appreciated.

Very truly yours,

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Sanford A. Michel

SAM/kas
5 c to Tulsa, Oklahoma

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GENERAL INFORMATION & SUMMARY

Company Graybol-Patton Company Lease Meyer Well No. G-22
 Location 1250' FSL & 220' FWL NW SW SW
 Section 34 Twp. 27S Rge. 19E County Neosho State Kansas

Elevation, Feet

Name of Sand Bartlesville

Top of Core 712.0

Bottom of Core 728.0

Top of Sand 712.0

Bottom of Sand 727.7

Total Feet of Permeable Sand 12.6

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 4	3.6	3.6
12 - 16	2.0	5.6
20 - 40	4.3	9.9
40 & Above	2.7	12.6

Average Permeability Millidarcys 23.7

Average Percent Porosity 16.6

Average Percent Oil Saturation

Average Percent Water Saturation

Average Oil Content, Bbls./A. Ft.

Total Oil Content, Bbls./Acre

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LOGName Graybol-Patton Company Lease Meyer Well No. G-22

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>BARTLESVILLE</u>
712.0 - 713.0	Light brown very shaly sandstone.
713.0 - 713.6	Light brown sandstone.
713.6 - 714.3	Gray laminated shale.
714.3 - 716.3	Light brown very shaly sandstone.
716.3 - 717.0	Light brown sandstone.
717.0 - 718.0	Gray and light brown laminated sandstone and shale.
718.0 - 721.0	Brown sandstone.
721.0 - 721.6	Light brown shaly sandstone.
721.6 - 722.4	Gray sandy shale.
722.4 - 723.1	Brown sandstone.
723.1 - 723.4	Gray sandy shale.
723.4 - 724.7	Brown sandstone.
724.7 - 725.0	Gray sandy shale.
725.0 - 727.7	Brown sandstone.
727.7 - 728.0	Gray sandy shale.

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RESULTS OF PERMEABILITY AND POROSITY TESTS

TABLE I A

Company Graybol-Patton Company Lease Meyer Well No. G-22

Sample No.	Depth Feet	Permeability Millidarcys	Feet of Core		Permeability Capacity Ft. x Md.	Percent Porosity
			Ft.	Cum. Ft.		
1	712.5	0.26	1.0	1.0	0.26	11.4
2	713.5	13.	0.6	1.6	7.80	11.2
3	714.5	1.1	1.0	2.6	1.10	11.3
4	715.5	0.34	1.0	3.6	0.34	10.3
5	716.5	12.	0.7	4.3	8.40	14.2
6	717.5	Imp.	1.0	5.3	0.00	9.6
7	718.5	47.	1.0	6.3	47.00	22.2
8	719.5	32.	1.0	7.3	32.00	20.1
9	720.5	24.	1.0	8.3	24.00	19.1
10	721.5	2.7	0.6	8.9	1.62	14.4
11	722.5	54.	0.7	9.6	37.80	22.0
12	723.5	31.	0.6	10.2	18.60	20.4
13	724.5	35.	0.7	10.9	24.50	20.4
14	725.5	36.	1.0	11.9	36.00	20.8
15	726.5	49.	1.0	12.9	49.00	20.1
16	727.5	14.	0.7	13.6	9.80	20.0

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SUMMARY OF PERMEABILITY & POROSITY TESTS

TABLE II A

Company	Lease	Meyer	Well No.
Graybol-Patton Company			G-22
Depth Interval, Feet	Feet of Core Analyzed	Average Air Permeability, Millidarcys	Average Effective Permeability, Millidarcys
			Permeability Capacity Ft. x Md.
712.0 - 727.7	13.6	23.7	298.22
			16.6
			Average Percent Porosity