

OILFIELD RESEARCH LABORATORIES

- REGISTERED ENGINEERS -

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January 20, 1962

Amaden-Conka Company
445 Petroleum Club Building
Denver 2, Colorado

Gentlemen:

Enclosed herewith are the results of tests run on the Rotary core samples taken from the Moldenhauer Lease, Well No. 1, Franklin County, Kansas, and submitted to our laboratory on January 16, 1962.

This core is from a virgin territory and was sampled and submitted to the laboratory by a representative of the client.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Benjamin R. Pearman
Benjamin R. Pearman

BRP:rf

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OILFIELD RESEARCH LABORATORIES

LOGCompany Amaden-Conka Co. Lease Moldenhauer Well No. 1Depth Interval, Description
Feet

723.0 - 725.0 - Brown slightly shaley sandstone.

725.0 - 726.0 - Gray limestone.

726.0 - 728.0 - Core not received.

728.0 - 731.6 - Brown slightly shaley sandstone.

731.6 - 732.0 - Gray limestone.

732.0 - 735.0 - Brown slightly shaley sandstone.

735.0 - 736.0 - Brown and gray laminated shaley sandstone.

736.0 - 740.0 - Brown slightly shaley sandstone.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Amaden-Conka Company Lease Moldenhauer Well No. 1

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	723.5	21.1	46	36	82	752	18.	1.0	1.0	752	18.00
2	724.5	17.6	54	40	94	736	28.	1.0	2.0	736	28.00
3	725.5	4.8	43	50	93	160	Imp.	1.0	3.0	160	0.00
4	728.5	21.1	50	27	77	818	33.	1.0	4.0	818	33.00
5	729.5	18.7	54	38	92	783	26.	1.0	5.0	783	26.00
6	730.5	18.3	56	35	91	794	15.	1.0	6.0	794	15.00
7	731.5	18.1	54	38	92	758	4.3	0.6	6.6	455	2.58
8	732.5	20.8	44	33	77	710	40.	1.0	7.6	710	40.00
9	733.5	19.0	56	37	93	825	16.	1.0	8.6	825	16.00
10	734.5	20.4	38	36	74	601	8.1	1.0	9.6	601	8.10
11	735.5	15.6	32	63	95	387	2.9	1.0	10.6	387	2.90
12	736.5	18.4	47	43	90	671	14.	1.0	11.6	671	14.00
13	737.5	18.3	38	47	85	539	13.	1.0	12.6	539	13.00
14	738.5	19.5	24	38	62	363	17.	1.0	13.6	363	17.00
15	739.5	20.8	39	40	79	629	6.6	1.0	14.6	629	6.60
								Total		9,223	

Oilfield Research Laboratories

SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company	Lease	Well No.							
Amaden-Conka Co.	Moldenhauer	1							
Depth Interval, Feet	Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.	Average Percent Oil Saturation	Average Percent Porosity	Average Percent Water Saturation	Average Oil Content Bbl./A. Ft.	Total Oil Content Bbls./Acre
723.0 - 734.0	723.0 - 734.0	7.6	23.4	178.58	50.6	17.7	37.1	701	6,033
734.0 - 740.0	734.0 - 740.0	6.0	10.3	61.60	36.3	18.8	44.5	531	3,190
723.0 - 740.0	723.0 - 740.0	13.6	17.7	240.18	44.7	18.2	40.1	631	9,223