

OILFIELD RESEARCH LABORATORIES

- REGISTERED ENGINEERS -

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February 5, 1962

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

Gentlemen:

Enclosed herewith are the results of tests run on the Cable Tool core samples taken from the Revey Lease, Well No. 2, Franklin County, Kansas, and submitted to our laboratory on February 2, 1962.

This core was sampled and the samples sealed in plastic bags by a representative of the client.

It was impossible to obtain permeability plugs for all the samples received.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Benjamin R. Pearman

BRP:rf

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Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company <u>Amaden-Conka Co.</u>	Lease <u>Revey</u>	Well No. <u>2</u>
Location <u>SE</u>		
Section <u>30</u> Twp. <u>15S</u> Rge. <u>21E</u>	County <u>Franklin</u>	State <u>Kansas</u>
Name of Sand - - - - -		Squirrel
Top of Core - - - - -		716.0
Bottom of Core - - - - -		728.0
Top of Sand - - - - - (Tested)		716.0
Bottom of Sand - - - - - (Tested)		728.0
Total Feet of Permeable Sand - (Tested)		5.0
Total Feet of Floodable Sand - - - - -		
Distribution of Permeable Sand:		
Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 5	2.0	2.0
25 - 75	3.0	3.0
Average Permeability Millidarcys - - - - -		28.1
Average Percent Porosity - - - - -		18.6
Average Percent Oil Saturation - - - - -		40.5
Average Percent Water Saturation - - - - -		48.5
Average Oil Content, Bbls./A. Ft. - - - - -		571.
Total Oil Content, Bbls./Acre - - - - -		6,850.
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 - - (Primary) - - - - -		1,000.
Packer Setting, Feet - - - - -		
Viscosity, Centipoises @ - - - - -		
A. P. I. Gravity, degrees @ 60 °F - - - - -		
Elevation, Feet - - - - -		

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LOG

Company Amaden-Conka Co. Lease Revey Well No. 2

Depth Interval, Description
Feet

716.0 - 722.0 - Brown sandstone.

722.0 - 723.0 - Gray shaley sandstone.

723.0 - 726.0 - Light brown slightly shaley sandstone.

726.0 - 728.0 - Light brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Amaden-Conka Co. Lease Revey 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.		
1	716.5	22.8	40	43	83	706	-	1.0	1.0	706	-
2	717.5	17.8	46	51	97	636	-	1.0	2.0	636	-
3	718.5	15.1	55	28	83	644	-	1.0	3.0	644	-
4	719.5	22.4	45	34	79	782	3.8	1.0	4.0	782	3.80
5	720.5	22.5	45	44	89	786	72.	1.0	5.0	786	72.00
6	721.5	16.4	45	48	93	572	25.	1.0	6.0	572	25.00
7	722.5	14.3	11	87	98	122	-	1.0	7.0	122	-
8	723.5	16.3	47	48	95	594	40.	1.0	8.0	594	40.00
9	724.5	15.8	40	49	89	490	0.10	1.0	9.0	490	0.10
10	725.5	15.2	38	52	90	447	-	1.0	10.0	447	-
11	726.5	22.2	35	56	91	413	-	1.0	11.0	413	-
12	727.5	21.8	39	42	81	658	Imp.	1.0	12.0	658	0.00
								Total	-----	6,850	

SUMMARY OF PERMEABILITY & SATURATION TESTS

Well No. 2

Company	Amaden-Conka Co.	Lease	Revey	Well No.	2		
	Depth Interval, Feet	-Permeable- Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.			
	716.0 - 722.0	3.0	33.6	100.80			
	722.0 - 728.0	2.0	20.1	40.10			
	716.0 - 728.0	5.0	28.2	140.90			
	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
	716.0 - 722.0	6.0	19.5	46.0	41.4	688	4,126
	722.0 - 728.0	6.0	17.6	35.0	55.6	455	2,724
	716.0 - 728.0	12.0	18.6	40.5	48.5	571	6,850