

OILFIELD RESEARCH LABORATORIES

813 EAST SIXTH
OKMULGEE, OKLAHOMA
PHONE: 4444

- REGISTERED ENGINEERS -

Chanute, Kansas

536 N. HIGHLAND
CHANUTE, KANSAS
PHONE: 728 ✓

April 29, 1961

Mr. Mack C. Colt
Iola, Kansas

Dear Sir:

Attached hereto are the results of tests run on the Rotary core taken from the Stewart Lease, Well No. 17-A, Allen County, Kansas, and submitted to our laboratory on April 28, 1961.

This core was sampled and the samples submitted to our 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:db

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OILFIELD RESEARCH LABORATORIES

LOGCompany Mack C. Colt Lease Stewart Well No. 17-ADepth Interval, Description
Feet

698.0 - 700.5 - Core not received.
700.5 - 700.8 - Grayish light brown sandstone.
700.8 - 702.5 - Core not received.
702.5 - 702.9 - Light brown sandstone.
702.9 - 705.5 - Core not received.
705.5 - 705.7 - Brown sandstone.
705.7 - 708.9 - Core not received.
708.9 - 709.2 - Brown sandstone.
709.2 - 711.8 - Core not received.
711.8 - 712.0 - Brown sandstone.
712.0 - 715.3 - Core not received.
715.3 - 715.6 - Brown to dark sandstone.
715.6 - 718.7 - Core not received.
718.7 - 718.9 - Dark sandstone.
718.9 - 720.5 - Core not received.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Mack C. Colt Lease Stewart Well No. 17-A

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	700.6	22.1	9	74	83	154	120.00				
2	702.8	26.1	18	68	86	364	27.30				
3	705.5	21.1	34	62	96	556	46.40				
4	709.0	23.7	40	57	97	735	57.49				
5	711.9	25.2	26	71	97	508	29.80				
6	715.4	23.6	55	38	93	1,006	0.300				
7	718.8	20.8	57	32	89	919	Imp.				