

OILFIELD RESEARCH LABORATORIES

- REGISTERED ENGINEERS -

700 NORTH MISSION
OKMULGEE, OKLAHOMA
PHONE: 4444

Chanute, Kansas

536 N. HIGHLAND
CHANUTE, KANSAS
PHONE: HE 1-2650

January 6, 1962

Ross Schoonover
1000 West 6th
Topeka, Kansas

Dear Sir:

Enclosed herewith are the results of tests run on the Rotary core samples taken from the Wiseman Lease, Well No. 3, Franklin County, Kansas, and submitted to our laboratory on January 3, 1962.

These samples were sealed in plastic bags and brought in 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

5 c.

T155, R21E, Sec. 30

Oilfield Research Laboratories

GENERAL INFORMATION & SUMMARY

Company Ross Schoonover Lease Wiseman Well No. 3

Location _____

Section _____ Twp _____ Rge _____ County Franklin State Kansas

Name of Sand - - - - -	Squirrel
Top of Core - - - - -	757.0
Bottom of Core - - - - -	778.0
Top of Sand - - - - -	757.0
Bottom of Sand - - - - -	778.0
Total Feet of Permeable Sand - - - - -	21.0
Total Feet of Floodable Sand - - - - -	

Distribution of Permeable Sand:
Permeability Range
Millidarcys

Feet

Cum. Ft.

0 - 10	3.0	3.0	
10 - 20	6.0	9.0	
20 - 50	6.0	15.0	
50 - 100	3.0	18.0	
100 - 200	1.0	19.0	
200 & above	2.0	21.0	
Average Permeability Millidarcys - - - - -			51.7
Average Percent Porosity - - - - -			19.8
Average Percent Oil Saturation - - - - -			48.1
Average Percent Water Saturation - - - - -			33.4
Average Oil Content, Bbls./A. Ft. - - - - -			740.
Total Oil Content, Bbls./Acre - - - - -			15,567.
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 - - - - -			
Packer Setting, Feet - - - - -			
Viscosity, Centipoises @ - - - - -			
A. P. I. Gravity, degrees @ 60 °F - - - - -			
Elevation, Feet - - - - -			

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LOG

Company Ross Schoonover Lease Wiseman Well No. 3

Depth Interval, Description
Feet

757.0 - 763.0 - Brown laminated shaley sandstone.

763.0 - 775.0 - Brown slightly laminated slightly shaley sandstone.

775.0 - 777.0 - Brown laminated shaley sandstone.

777.0 - 778.0 - Brown and gray laminated shaley sandstone.

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company			Ross Schoonover			Lease			Wiseman			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	757.5	16.1	44	37	81	549	13.	1.0	549	13.00							
2	758.5	14.7	42	39	81	479	0.40	1.0	479	0.40							
3	759.5	16.1	51	39	90	636	11.	1.0	636	11.00							
4	760.5	18.4	45	34	79	642	7.3	1.0	642	7.30							
5	761.5	16.4	56	39	95	712	24.	1.0	712	24.00							
6	762.5	16.9	44	40	84	576	22.	1.0	576	22.00							
7	763.5	20.2	44	30	74	689	73.	1.0	689	73.00							
8	764.5	18.9	50	38	88	733	11.	1.0	733	11.00							
9	765.5	19.6	51	34	85	775	23.	1.0	775	23.00							
10	766.5	21.5	54	30	84	900	25.	1.0	900	25.00							
11	767.5	21.0	44	32	76	716	64.	1.0	716	64.00							
12	768.5	23.3	52	25	77	940	213.	1.0	940	213.00							
13	769.5	21.4	34	31	65	565	13.	1.0	565	13.00							
14	770.5	21.0	52	24	76	847	137.	1.0	847	137.00							
15	771.5	25.2	47	25	72	919	273.	1.0	919	273.00							
16	772.5	21.1	42	24	66	687	77.	1.0	687	77.00							
17	773.5	22.3	63	27	90	1090	32.	1.0	1090	32.00							
18	774.5	21.1	50	33	83	818	33.	1.0	818	33.00							
19	775.5	20.8	49	37	86	791	13.	1.0	791	13.00							
20	776.5	20.9	53	36	89	859	14.	1.0	859	14.00							
21	777.5	19.3	43	47	90	644	9.1	1.0	644	9.10							
Total									15,567								

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SUMMARY OF PERMEABILITY & SATURATION TESTS

TABLE III

Company		Lease		Well No.	
Ross Schoonover		Wiseman		3	
Depth Interval, Feet	Feet of Core Analyzed	Average Permeability, Millidarcys	Permeability Capacity Ft. x Md.		
757.0 - 763.0	6.0	13.0	77.70		
763.0 - 775.0	12.0	81.0	974.00		
775.0 - 778.0	3.0	12.0	36.10		
757.0 - 778.0	21.0	51.7	1,087.80		

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
757.0 - 763.0	6.0	16.5	47.0	38.0	599	3,594
763.0 - 775.0	12.0	21.4	48.5	29.4	806	9,679
775.0 - 778.0	3.0	20.3	48.4	40.0	765	2,294
757.0 - 778.0	21.0	19.8	48.1	33.4	740	15,567