



OILFIELD RESEARCH LABORATORIES

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

December 1, 1979

Remco Well Servicing
Rural Route 4
P.O. Box 67
Chanute, Kansas 66720

Gentlemen:

Enclosed herewith are the results of tests run on the rotary cores taken from the Ashcraft Lease, Well No. 10, Neosho County, Kansas, and submitted to our laboratory on November 7, 1979.

These cores were sampled by a representative of Oilfield Research Laboratories.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Benjamin R. Pearman

SAM/tem
5 c to Chanute, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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GENERAL INFORMATION & SUMMARY

Company Remco Well Servicing Lease Ashcraft Well No. 10

Location 330' SNL & 165' WEL NW 1/4

Section 2 Twp. 29S Rge. 20E County Neosho State Kansas

Name of Sand	Wiser
Top of Core	157.0
Bottom of Core	167.0
Top of Sand	157.0
Bottom of Sand	159.8
Total Feet of Permeable Sand	2.8
Total Feet of Floodable Sand	

Distribution of Permeable Sand: Permeability Range Millidarcys	Feet	Cum. Ft.
0 - 5	2.1	2.1
20 - 30	0.7	2.8

Average Permeability Millidarcys	7.5
Average Percent Porosity	18.2
Average Percent Oil Saturation	21.3
Average Percent Water Saturation	64.4
Average Oil Content, Bbls./A. Ft.	315.
Total Oil Content, Bbls./Acre	882.
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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LOGName Remco Well Servicing Lease Ashcraft Well No. 10Depth Interval,
FeetDescriptionWISER SAND

157.0 - 158.7	Brown shaly sandstone.
158.7 - 159.8	Gray shaly sandstone.
159.8 - 167.0	Gray shale.

BARTLESVILLE SAND

511.0 - 512.2	Light brown shaly sandstone.
512.2 - 514.6	Brown fine grained sandstone.
514.6 - 516.6	Light brown laminated shaly sandstone.
516.6 - 516.8	Gray sandy shale.
516.8 - 518.6	Light brown shaly sandstone.
518.6 - 536.0	Gray shale containing a vertical fracture.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1-B

Company Remco Well Servicing Lease Ashcraft Well No. 10

Sample No.	Depth, Feet	Effective Porosity Percent	Percent Saturation			Oil Content Bbbls. / A Ft.	Perm., Mill.	Feet of Sand		Total Oil Content	Perm. Capacity Ft. X md.
			Oil	Water	Total			Ft.	Cum. Ft.		
1	157.5	22.2	33	47	80	568	4.6	1.0	1.0	568	4.60
2	158.5	15.0	30	49	79	349	22.0	0.7	1.7	244	15.40
3	159.5	16.6	5	90	95	64	0.96	1.1	2.8	70	1.06
<u>WISER SAND</u>											
<u>BARTLESVILLE SAND</u>											
1	511.5	14.1	24	58	82	263	0.49	1.2	1.2	316	0.59
2	512.5	15.2	35	46	81	413	1.3	0.8	2.0	330	1.04
3	513.5	16.9	19	48	67	249	2.5	1.0	3.0	249	2.50
4	514.5	17.2	34	33	67	454	13.0	0.7	3.7	318	9.10
5	515.5	14.2	27	62	89	297	0.98	1.3	5.0	386	1.27
6	516.4	15.1	31	45	76	363	0.87	0.6	5.6	218	0.52
7	517.5	14.8	34	48	82	390	0.50	1.0	6.6	390	0.50
8	518.5	14.7	35	39	74	399	Imp.	0.8	7.4	319	0.00

