



17-28-17E
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OILFIELD RESEARCH LABORATORIES

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July 9, 1991

Richey Oil & Gas, Inc.
P. O. Box 876
Tyler, TX 75710

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Wiggans C Lease, Well No. 591-R1, located in Section 17, T28S, R17E, Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on July 5, 1991.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning

Alan M. Dunning

AMD:bl

4 c Tyler, TX

1 c Butch Fuller

R. 1, Box 61
Chanute, KS 66720

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Wichita, Kansas

LOG

Company Richey Oil & Gas Lease Wiggans C Well No. 591-R1

BARTLESVILLE SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
951.0 - 952.7	Sandstone, light brown with widely scattered shale partings and inclusions.
952.7 - 953.7	Sandstone, brown with widely scattered shale partings and inclusions.
953.7 - 958.5	Shale and sandstone, gray and light brown, alternate layers.
958.5 - 958.8	Sandstone, brown.
958.8 - 959.4	Shale, gray with widely scattered brown sandstone partings.
959.4 - 960.0	Sandstone and shale, brown and gray, alternate layers.
960.0 - 960.3	Shale, gray with widely scattered light brown sandstone partings.
960.3 - 960.5	Sandstone, light grayish brown, shaly.
960.5 - 961.4	Shale, gray with widely scattered brown sandstone partings.
961.4 - 963.4	Sandstone and shale, brown and gray, laminated.
963.4 - 963.8	Shale, gray with scattered brown sandstone partings.
963.8 - 965.7	Sandstone, brown, shaly with scattered shale partings and inclusions.

Oilfield Research Laboratories
RESULTS OF SATURATION & PERMEABILITY TESTS

17-28-7E
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TABLE 1

Company Richey Oil & Gas Lease Wiggans C Well No. 591-R1

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	951.5	18.1	33	31	64	463	10.
2	952.5	18.6	30	37	67	433	14.
3	953.5	19.7	37	32	69	566	28.
4	954.4	11.5	20	75	95	178	0.17
5	955.6	15.0	24	53	77	279	2.3
6	956.6	10.5	18	75	93	147	Imp.
7	957.3	15.6	12	57	69	145	4.3
8	958.6	17.3	33	42	75	443	14.
9	959.5	15.9	32	56	88	395	2.8
10	960.4	15.6	17	65	82	206	2.0
11	961.5	15.6	20	50	70	242	4.6
12	962.5	14.1	26	54	80	284	0.47
13	963.3	13.7	20	57	77	213	0.96
14	964.5	16.6	34	48	82	438	2.1
15	965.4	16.0	33	40	73	410	1.5
			25.9	51.4			

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