



# OILFIELD RESEARCH LABORATORIES

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

June 2, 1982

Miller Brothers Production Co.  
427 South Parker  
Olathe, Kansas 66061

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Walton Lease, Well No. 3, located 1570' from the North Line and 1485' from the East Line in Section 17, T-33S, R-23E, Johnson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on June 1, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Olathe, Kansas

T-33S R-23E Sec. 17

- REGISTERED ENGINEERS -

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

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LOGName Miller Brothers Prod. Co. Lease Walton Well No. 3

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
	<u>UPPER SQUIRREL SAND</u>
582.0 - 585.0	Gray and brown finely laminated shale and sandstone.
585.0 - 585.7	Grayish brown shaly sandstone.
585.7 - 586.8	Grayish brown calcareous shaly sandstone.
586.8 - 588.0	Brown sandstone.
588.0 - 589.5	Brown shaly sandstone.
589.5 - 590.0	Brown sandstone.
590.0 - 591.0	Brown shaly sandstone.
591.0 - 591.5	Brown slightly shaly sandstone.
591.5 - 592.9	Brown shaly sandstone.
592.9 - 593.8	Grayish brown very shaly sandstone.
593.8 - 595.5	Brown sandstone.
595.5 - 597.0	Gray very shaly sandstone.
597.0 - 598.0	Brown sandstone with gray shale partings.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

### TABLE 1

Company Miller Bros. Prod. Co. Lease Walton Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	585.6	11.8	27	70	97	247	5.7
2	586.6	10.9	26	69	95	220	1.6
3	587.6	26.6	15	64	79	310	118.
4	588.6	17.6	37	59	96	505	3.6
5	589.6	18.6	31	52	83	447	13.
6	590.4	18.6	34	51	85	491	4.3
7	591.4	20.3	29	53	82	457	9.9
8	592.5	16.9	52	43	95	682	2.2
9	593.4	12.4	18	79	97	173	Imp.
10	594.4	18.2	45	46	91	635	11.
11	595.3	20.5	70	28	98	1113	20.
12	596.5	15.1	8	89	97	94	Imp.
13	597.6	18.9	60	37	97	880	11.