



OILFIELD RESEARCH LABORATORIES

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

September 17, 1982

Banner Oil Company
Box 52
Moran, Kansas 66755

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Ensminger Lease, Well No. 14, located in Section 3, T-25S, R-20E, Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on September 14, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Moran, Kansas

OILFIELD RESEARCH LABORATORIESLOGCompany Banner Oil Company Lease Ensminger Well No. 14

<u>Depth Interval, Feet</u>	<u>Description</u>
<u>BARTLESVILLE SANDSTONE</u>	
835.0 - 835.2	Light gray and dark gray finely laminated sandstone and shale.
835.2 - 835.6	Brown sandstone containing scattered fine shale partings.
835.6 - 839.0	Dark brown sandstone.
839.0 - 840.3	Dark brown sandstone containing widely scattered shale partings.
840.3 - 841.0	Dark brown sandstone.
841.0 - 841.5	Brown sandstone containing shale partings.
841.5 - 843.8	Dark brown sandstone.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Banner Oil Company Lease Ensminger Well No. 14

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	835.5	15.6	45	20	65	545	58.
2	836.5	22.3	50	33	83	865	216.
3	837.6	20.9	38	47	85	616	137.
4	838.5	19.6	53	24	77	806	87.
5	839.6	16.2	57	34	91	716	26.
6	840.5	21.8	54	29	83	913	231.
7	841.7	20.7	65	29	94	1,044	105.
8	842.6	22.5	69	22	91	1,204	99.
9	843.5	20.3	67	5	72	1,055	346.