



OILFIELD RESEARCH LABORATORIES

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

November 12, 1980

Sooner Exploration, Inc.
c/o Scot W. Marshall
460 South 71st East Ave.
Tulsa, Oklahoma 74112

Gentlemen:

Attached hereto are the results of tests run on the rotary cores taken from the Rash Lease, Well No. 9-A, located in Section 24, T-31S, R-16E, Montgomery County, Kansas.

The cores were sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on October 13, 1980.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/tem

5 c to Tulsa, Oklahoma

OILFIELD RESEARCH LABORATORIES

LOGName Sooner Exploration Lease Rash Well No. 9-ADepth Interval
FeetDescription

STRAY SAND

837.0 - 838.0

Gray sandy shale.

838.0 - 842.8

Brown slightly calcareous shaly sandstone.

842.8 - 846.0

Gray sandy shale.

BARTLESVILLE SAND

898.0 - 899.0

Light brown and gray laminated sandstone and shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Sooner Exploration Lease Rash Well No. 9-A

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
			<u>STRAY SAND</u>				
1	838.5	12.8	44	7	51	437	3.2
2	839.5	15.7	55	10	65	670	2.7
3	840.5	13.8	38	6	44	407	4.1
4	841.5	13.6	45	9	54	475	6.4
5	842.5	13.6	38	9	47	401	2.5
			<u>BARTLESVILLE SAND</u>				
6	898.5	2.2	-	-	-	-	Imp.