



# OILFIELD RESEARCH LABORATORIES

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

October 13, 1982

Big Sky Oil & Gas Corporation  
2048 Sunset Drive  
San Buenaventura, California 93001

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Lassman Lease, Well No. 111, located in Section 8, T-26S, R-19E, Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on October 12, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

4 c to San Buenaventura, California  
1 c to Harvey Meyer, Iola, Kansas

LOGCompany Big Sky Oil & Gas Corporation Lease Lassman Well No. 111

<u>Depth Interval, Feet</u>	<u>Description</u>
<u>CATTLEMAN SANDSTONE</u>	
793.0 - 794.0	Very dark brown sandstone with scattered fine shale partings.
794.0 - 794.7	Very dark grayish brown slightly shaly sandstone with scattered fine shale partings.
794.7 - 794.9	Light gray and dark gray laminated sandstone and shale.
794.9 - 796.0	Very dark brown sandstone with scattered fine shale partings.
796.0 - 796.3	Hard, grayish brown shaly calcareous sandstone.
796.3 - 799.0	Brownish black sandstone with scattered fine shale partings.
799.0 - 800.5	Very dark grayish brown shaly sandstone with scattered fine shale partings.
800.5 - 800.8	Very dark grayish brown shaly sandstone with shale partings.
800.8 - 803.9	Very dark grayish brown shaly sandstone with scattered fine shale partings.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Big Sky Oil & Gas Corporation Lease Lassman Well No. 111

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	793.4	18.7	51	23	74	740	18.
2	794.6	17.0	38	40	78	501	8.2
3	795.5	21.5	48	15	63	801	40.
4	796.5	24.0	71	7	78	1,322	130.
5	797.5	21.5	71	10	81	1,184	50.
6	798.6	22.5	72	15	87	1,257	78.
7	799.5	23.5	74	14	88	1,349	4.6
8	800.4	20.1	63	18	81	982	1.4
9	801.5	20.1	71	19	90	1,107	1.1
10	802.5	21.3	64	14	78	1,058	2.5
11	803.4	17.3	45	32	77	604	0.21