



OILFIELD RESEARCH LABORATORIES

P. O. BOX 647 - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

April 18, 1985

Ron-Mar Energy Exploration, Inc.
2210 West 75th Street
Shawnee Mission, Kansas 66208

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Niccum Lease, Well No. 3, located in Section 33, T14S, R22E, Johnson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on April 17, 1985.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning
Alan M. Dunning

AMD:bl

5 c to Shawnee Mission, Kansas

- REGISTERED ENGINEERS -

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

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LOGCompany Ron-Mar Energy Exploration, Inc. Lease Niccum Well No. 3BARTLESVILLE SANDSTONE

<u>Depth Interval, Feet</u>	<u>Description</u>
845.0 - 845.6	Sandstone, grayish brown, shaly.
845.6 - 846.6	Sandstone, gray, very shaly.
846.6 - 847.0	Sandstone, dark brown, slightly calcareous, shaly.
847.0 - 851.0	Sandstone, dark brown.
851.0 - 852.0	Sandstone, dark brown with scattered gray shale partings.
852.0 - 853.0	Sandstone, dark brown, shaly with gray shale partings.
853.0 - 858.7	Sandstone, dark brown with scattered gray shale partings.
858.7 - 860.0	Sandstone, dark brown, shaly with gray shale partings.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Ron-Mar Energy Exploration, Inc. Lease Niccum Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	845.5	14.1	17	50	67	186	3.2
2	846.5	13.8	4	93	97	43	Imp.
3	847.4	19.7	40	24	64	611	158.
4	848.7	18.8	34	44	78	496	273.
5	849.5	23.0	41	24	65	732	384.
6	850.6	23.9	51	12	63	946	314.
7	851.3	19.2	64	32	96	953	27.
8	852.3	17.2	61	35	96	814	5.4
9	853.6	21.5	23	45	68	384	25.
10	854.5	18.3	51	25	76	724	36.
11	855.6	20.7	48	39	87	771	34.
12	856.4	24.4	42	23	65	795	42.
13	857.5	20.7	39	42	81	626	11.
14	858.5	23.8	26	29	55	480	26.
15	859.2	16.8	41	47	88	534	2.3

$h = 11$
 $\phi = .213$
 $S_w = .314$ (27)
 $S_{or} = .414$

846.5

1.0

2.0

11.1