



OILFIELD RESEARCH LABORATORIES

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

May 23, 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 Winegar-Carswell Lease, Well No. 11, located in Section 14, T-14S, R-20E, Douglas County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on May 21, 1985.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning
Alan M. Dunning

AMD/ral

5 c to Shawnee Mission, Kansas

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LOGCompany Ron-Mar Energy Exploration, Inc. Lease Winegar-Carswell Well No. 11

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SANDSTONE</u>
679.0 - 684.0	Sandstone, brown.
684.0 - 686.5	Sandstone, brown, with scattered shale partings.
686.5 - 687.5	Sandstone, gray, shaly, with scattered brown sandstone partings.
687.5 - 688.5	Sandstone, gray, very shaly.
688.5 - 690.4	Shale, gray.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Ron-Mar Energy Exploration, Inc. Lease Winegar-Carswell Well No. 11

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	679.3	19.1	29	51	80	430	36.
2	680.3	20.3	39	44	83	614	72.
3	681.5	18.8	40	41	81	583	21.
4	682.5	18.8	42	39	81	613	28.
5	683.5	17.5	49	41	90	665	13.
6	684.3	18.1	43	42	85	604	14.
7	685.5	19.0	28	50	78	413	32.
8	686.4	20.6	35	41	76	559	31.
9	687.4	14.7	2	87	89	23	3.1
10	688.4	13.8	2	94	96	21	Imp.

$n = 8$
 $\phi = .190$
 $S_w = .437$
 $S_{or} = .750$

(395)