



OILFIELD RESEARCH LABORATORIES

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January 21, 1986

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. 14, 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 January 18, 1986.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Alan M. Dunning
by B.L.D.

Alan M. Dunning

AMD/rmc

5 c to Shawnee Mission, Kansas

LOG

Company Ron-Mar Energy Exploration, Inc. Lease Winegar-Carswell Well No. 14

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SANDSTONE</u>
698.0 - 698.3	Shale, gray.
698.3 - 699.2	Sandstone, brown, shaly.
699.2 - 700.2	Sandstone, grayish brown, very shaly.
700.2 - 701.0	Sandstone, dark brown, shaly.
701.0 - 702.0	Sandstone, dark brown.
702.0 - 704.0	Sandstone, dark brown, with scattered shale partings.
704.0 - 705.7	Sandstone, gray, shaly, with scattered brown sandstone partings.
705.7 - 707.0	Sandstone, gray, very shaly.

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RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Ron-Mar Energy Exploration, Inc. Lease Winegar-Carswell Well No. 14

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	698.5	19.7	30	51	81	459	1.3
2	699.4	16.7	30	67	97	389	0.45
3	700.7	20.1	51	47	98	795	1.9
4	701.5	23.0	39	38	77	696	36.
5	702.5	24.8	59	35	94	1135	21.
6	703.7	21.2	31	50	81	510	14.
7	704.5	15.1	7	86	93	82	2.8
8	705.6	19.2	31	49	80	462	6.0

$h = 3$
 $\phi = .23$
 $S_w = .406$ (.35)
 $S_{or} = .437$