



# OILFIELD RESEARCH LABORATORIES

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

May 14, 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. 9, 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 10, 1985.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

*Alan M. Dunning*

Alan M. Dunning

AMD/rmc

5 c to Shawnee Mission, Kansas

## OILFIELD RESEARCH LABORATORIES

LOGCompany Ron-Mar Energy Exploration, Inc. Lease Winegar-Carswell Well No. 9

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>SQUIRREL SANDSTONE</u>
680.0 - 681.0	Sandstone, light brown.
681.0 - 682.0	Sandstone, light brown, shaly.
682.0 - 682.5	Sandstone, light brown.
682.5 - 684.5	Sandstone, grayish brown, shaly.
684.5 - 686.3	Sandstone, brown.
686.3 - 690.0	Sandstone and shale, brown and gray, alternate layers.
690.0 - 691.0	Sandstone, grayish brown, shaly.
691.0 - 694.4	Shale, gray.

# Oilfield Research Laboratories

## RESULTS OF SATURATION & PERMEABILITY TESTS

**TABLE 1**

Company Ron-Mar Energy Exploration, Inc. Lease Winegar-Carswell Well No. 9

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	680.5	16.3	35	57	92	443	9.4
2	681.5	17.9	39	46	85	542	2.6
3	682.2	18.3	22	43	65	312	12.
4	683.3	13.7	16	81	97	170	3.1
5	684.4	16.8	24	56	80	313	5.8
6	685.3	20.3	41	31	72	646	52.
7	686.2	19.7	47	35	82	718	42.
8	687.2	18.4	23	50	73	328	14.
9	688.2	19.3	27	47	74	404	30.
10	689.0	17.8	15	59	74	207	14.
11	690.8	19.7	32	44	76	353	1.4

1  
0.5  
0.6  
0.6  
1.5  
1.5  
0.7

$h = 7$   
 $Q = .184$   
 $S_{w0} = .479$  (.43)  
 $S_{or} = .286$