OILFIELD RESEARCH LABORATORIES

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

November 21, 1984

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. 3, located in the NE¼ of the SW¼, Section 14, T14S, R20E, Douglas County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 16, 1984.

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

OILFIELD RESEARCH LABORATORIES

LOG

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

SQUIRREL SANDSTONE

Depth Interval, Feet	Description
684.0 - 684.7	Sandstone, gray, very shaly.
684.7 - 686.0	Sandstone, light brown, shaly.
686.0 - 687.0	Sandstone, gray, very shaly.
687.0 - 688.9	Sandstone, brown.
688.9 - 690.4	Sandstone, brown, shaly with gray shale partings.
690.4 - 692.6	Sandstone, brown with scattered gray shale partings.
692.6 - 693.4	Shale, gray with scattered brown sandstone stringers.
693.4 - 693.6	Sandstone, brown, shaly.
693.6 - 694.0	Shale, gray with scattered brown sandstone stringers.
694.0 - 695.0	Sandstone, brown with scattered gray shale partings.
695.0 - 696.0	Sandstone, gray, very shaly.
696.0 - 697.0	Sandstone, grayish brown, very shaly.
697.0 - 699.2	Sandstone, gray, very shaly.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

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

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	684.5	9.4	14	83	97	102	0.40
2	685.6	18.0	42	46	88	587	1.1
3	686.5	9.6	18	80	98	134	Imp.
4	687.4	20.7	48	36	84	771	21.
5	688.5	19.9	36	40	76	556	32.
6	689.4	16.4	58	39	97	738	4.9
7	690.5	21.3	27	46	73	446	31.
8	691.4	20.4	43	33	76	681	18.
9	692.5	21.0	45	38	83	733	47.
10	693.5	16.8	27	65	92	352	4.7
11	694.5	23.9	38	28	66	705	50.
12	695.5	14.4	12	84	96	134	0.20
13	696.5	15.8	30	67	97	368	Imp.
14	697.5	13.4	10	86	96	104	Imp.
15	698.5	12.7	2	96	98	20	Imp.

h = 5
φ = .212
S_{wi} = .366 (.39)
S_{oi} = .391