



# OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

September 8, 1982

Corsican-Caravel  
P. O. Box 707  
Chanute, Kansas 66720

Gentlemen:

*D. Olson #6-25*

Attached hereto are the results of tests run on the rotary core taken from the Dwight Olson Lease, Well No. 6, located in Section 25, T-27S, R-16E, in Wilson County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on September 3, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Chanute, Kansas

- REGISTERED ENGINEERS -

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

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LOGCompany Corsican-Caravel Lease Dwight Olson Well No. 6

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>CATTLEMAN SANDSTONE</u>
988.0 - 989.0	Dark gray shale.
989.0 - 990.0	Dark gray calcareous fossiliferous shale.
990.0 - 990.6	Dark gray shale.
990.6 - 991.2	Coal.
991.2 - 991.4	Gray sandy shale containing very fine coal partings.
991.4 - 993.2	Grayish brown shaly sandstone.
993.2 - 994.5	Grayish brown very shaly sandstone containing scattered shale partings.
994.5 - 995.4	Gray and light brown laminated shale and sandstone.
995.4 - 995.8	Grayish brown very shaly sandstone containing scattered shale partings.
995.8 - 997.7	Gray and light brown laminated shale and sandstone.
997.7 - 999.7	Grayish brown very shaly sandstone containing scattered shale partings.
999.7 - 1001.0	Gray and very light brown laminated shale and sandstone.

**Oilfield Research Laboratories**

**RESULTS OF SATURATION & PERMEABILITY TESTS**

**TABLE 1**

Company Corsican-Caravel Lease Dwight Olson Well No. 6

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	991.5	15.0	28	54	82	326	4.1
2	992.5	14.4	31	47	78	346	0.27
3	993.5	12.0	39	30	69	363	Imp.
4	994.4	9.3	44	53	97	317	Imp.
5	995.5	15.9	41	36	77	506	0.26
6	996.6	10.5	20	74	94	163	Imp.
7	997.5	12.8	26	52	78	258	Imp.
8	998.4	12.6	32	47	79	313	Imp.
9	999.4	11.8	26	70	96	238	0.21
10	1000.4	10.4	10	86	96	81	Imp.