



# OILFIELD RESEARCH LABORATORIES

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

July 16, 1982

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

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Nesbitt Lease, Well No. 2-A, located in Section 34, T-23S, R-21E, of Allen County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and was submitted to our laboratory on July 14, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/dlb

5 c to Chanute, Kansas.

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LOGName Corsican-Caravel Lease Nesbitt Well No. 2-A

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>BURGESS SAND</u>
798.0 - 801.0	Brown slightly vuggy slightly sandy glauconitic limestone containing crystals of pyrite (and gypsum ?).
801.0 - 804.6	Light brown slightly sandy glauconitic limestone containing crystals of pyrite (and gypsum ?).
804.6 - 808.5	Gray slightly sandy glauconitic limestone containing crystals of pyrite (and gypsum ?).
808.5 - 810.2	Grayish brown slightly vuggy slightly sandy glauconitic limestone containing crystals of pyrite (and gypsum ?).
810.2 - 811.0	Gray glauconitic limestone containing crystals of pyrite (and gypsum ?) and also containing an angular fracture.
811.0 - 812.0	Grayish green glauconitic limestone containing crystals of pyrite and (gypsum ?) and also containing an angular fracture.
812.0 - 815.5	Gray glauconitic limestone containing crystals of pyrite (and gypsum ?).

**Oilfield Research Laboratories**

**RESULTS OF SATURATION & PERMEABILITY TESTS**

**TABLE 1**

Company Corsican-Caravel Lease Nesbitt Well No. 2-A

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbla. /A Ft.	Perm., Mill.
			Oil	Water	Total		
1	798.5	11.2	43	21	64	374	15.
2	799.4	11.0	40	24	64	341	2.5
3	800.4	10.2	41	50	91	324	1.6
4	801.5	10.5	36	17	53	293	Imp.
5	802.6	9.7	54	24	78	406	Imp.
6	803.5	10.9	57	15	72	482	Imp.
7	804.5	9.5	40	33	73	295	Imp.
8	805.6	7.9	31	36	67	190	Imp.
9	806.6	7.2	36	40	76	201	Imp.
10	807.5	9.1	37	28	65	261	Imp.
11	808.6	16.0	70	27	97	869	0.41
12	809.6	17.7	66	30	96	906	0.59
13	810.4	7.5	34	32	66	198	Imp.
14	811.5	11.5	28	65	93	250	Imp.
15	812.5	6.5	22	50	72	111	Imp.
16	813.5	8.4	23	24	47	150	Imp.
17	814.5	9.0	62	24	86	433	Imp.
18	815.3	6.9	40	33	73	214	Imp.