



OILFIELD RESEARCH LABORATORIES

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

November 10, 1982

Cimarron Oil & Gas, Inc.
360 West Railroad Avenue
Fort Morgan, Colorado 80701

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Sprague Lease, Well No. 4, located in Section 8, T-32S, R-21E, Labette County, Kansas.

The core was sampled and sealed in plastic bags by a representative of the client and submitted to our laboratory on November 7, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/tem

5 c to Fort Morgan, Colorado 80701

OILFIELD RESEARCH LABORATORIES

Company Cimarron Oil & Gas, Inc. Lease Sprague Well No. 4

Depth Interval,
Feet

Description

BARTLESVILLE SANDSTONE.

327.4 - 328.0	Grayish brown slightly shaly sandstone.
328.0 - 329.7	Grayish light brown limestone.
329.7 - 333.0	Grayish dark brown shaly sandstone.
333.0 - 335.6	Grayish light brown very shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Cimarron Oil & Gas, Inc. Lease Sprague Well No. 4

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A. Ft.	Permeability, Millidarcys
			Oil	Water	Total		
1	327.7	16.2	44	31	75	553	7.5
2	329.8	14.4	47	35	87	525	4.3
3	330.4	17.8	57	32	89	787	2.5
4	331.6	18.0	38	41	79	531	1.4
5	332.7	14.6	36	48	84	408	1.1
6	333.5	19.4	33	39	72	497	0.98
7	334.5	18.1	36	45	81	506	0.69