

OILFIELD RESEARCH LABORATORIES

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

February 13, 1980

Apache Resources Corporation
1717 Kentucky Ave.
Joplin, Missouri 64801

Gentlemen:

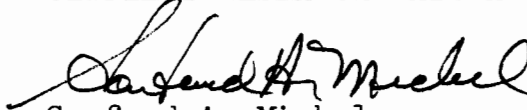
Attached hereto are the results of tests run on the rotary core samples taken from the J. Goley Lease, Well No. JG-6, Southwest $\frac{1}{4}$, Southeast $\frac{1}{4}$, Southeast $\frac{1}{4}$, Southeast $\frac{1}{4}$, Section 17, T-28S, R-22E, Crawford County, Kansas, and submitted to our laboratory on February 5, 1980.

The core was sampled and sealed in plastic bags by a representative of the client. In examining this core, it is assumed that each sample represents one foot of core.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES


Sanford A. Michel

SAM/kas
4 c to Joplin, Missouri
1 c to Chanute, Kansas

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LOG

Name Apache Resources Corporation Lease J. Goley Well No. JG-6

<u>Depth Interval, Feet</u>	<u>Description</u>
	<u>TUCKER SAND</u>
510.0 - 512.0	Brown and gray laminated sandstone and shale.
512.0 - 517.0	Dark brown sandstone.
517.0 - 524.0	Brown and gray laminated sandstone and shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Apache Resources Corp. Lease J. Goley Well No. JG-6

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	510.5	8.3	59	38	97	380	0.16
2	511.5	15.6	40	39	79	484	0.20
3	512.5	18.8	39	28	67	569	62.
4	513.5	20.8	46	24	70	742	121.
5	514.5	21.3	43	24	67	711	90.
6	515.5	19.6	40	26	66	608	92.
7	516.5	17.2	37	43	80	494	31.
8	517.5	19.0	45	29	74	663	0.25
9	518.5	14.1	25	60	85	274	0.17
10	519.5	13.3	6	72	78	62	0.45
11	520.5	13.7	15	67	82	159	Imp.
12	521.5	14.0	12	68	80	130	Imp.
13	522.5	13.4	5	89	94	52	Imp.
14	523.5	14.6	18	60	78	204	0.17