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

September 17, 1982

Mo-Te Drilling
Box 223
Farmington, New Mexico 87401

Gentlemen:

Attached hereto are the results of tests run on the rotary core from the Heady Lease, Well No. 3, located in Section 24, T-28S, R-19E, Neosho County, Kansas.

The core was sampled by a representative of Oilfield Research Laboratories after being delivered to the laboratory in the core barrel by the client on September 14, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/rmc

5 c to Farmington, New Mexico

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Company Mo-Te Drilling Lease Heady Well No. 3

Depth Interval, Feet	Description
	UPPER BARTLESVILLE SANDSTONE
590.0 - 590.3	Gray and light gray finely laminated shale and sandstone.
590.3 - 590.6	Brown sandstone containing fine shale partings.
590.6 - 592.2	Dark gray sandy shale.
592.2 - 592.5	Dark gray shale.
592.5 - 593.0	Dark gray shale containing coal partings.
593.0 - 594.2	Gray slightly sandy shale.
594.2 - 595.6	Gray and very light brown laminated shale and sandstone.
595.6 - 596.0	Grayish brown slightly shaly sandstone containing fine shale partings.
596.0 - 596.5	Brown and gray laminated sandstone and shale.
596.5 - 598.0	Brown sandstone containing fine shale partings.
598.0 - 599.0	Brownish black very shaly sandstone containing shale partings.
599.0 - 600.0	Grayish brown slightly calcareous shaly sandstone.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Mo-Te Drilling Lease Heady Well No. 3

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	594.6	9.7	21	75	96	158	Imp.
2	595.7	14.4	34	57	91	380	6.3
3	596.6	17.1	45	19	64	597	10.
4	597.5	19.7	70	13	83	1,070	26.
5	598.5	15.9	74	18	92	913	0.28
6	599.4	15.1	64	32	96	750	0.31