# SAMPLE EVALUATION

CATTLEMEN OIL CO.
Yarmer #1
100' N of SW-SW-NE
Sec. 17-17s-14w
Barton County, Kansas

Dear Sir:

This evaluation is based on dry 10' samples from 2900' to 3437' R.T.D. Samples circulated up at 3434' were absent.

## ZONES OF INTEREST

| FORMATION | | DESCRIPTION |
|---|---|---|
| Plattsmouth | | |
| | 3070-75 | Limestone, cream, fine crystalline, slightly chalky, trace fracture porosity, trace dead black stain. (Judged no value) |
| Toronto 3124 (-1197) | | |
| | 3124-3131 | Limestone, cream-light gray, fine to slight medium crystalline, slightly chalky, slightly fossiliferous, trace crystalline porosity, no show. |
| Lansing-K.C. 3188 (-1261) | | |
| | 3199-3211 | Limestone, white-tan-cream, fine crystalline, trace crystalline porosity, fair to good oolicastic porosity, no show. |
| | 3244-3254 | Limestone, cream-light gray, fine crystalline, slightly oolitic, chert-white-sharp-oolitic, trace fracture porosity, fair scattered vugular porosity, spotted light to dark spotted stain, trace near saturation. (Drill time does not match nearby electric logs through this area, should be examined on electric log and opened and tested if any development is indicated |
| | 3264-3275 | Limestone, cream, fine crystalline, fair to good oolicastic porosity, 15% porosity, trace spotted dark stain, (Judged no value) |
| | 3323-3325 | Limestone, light gray, fine crystalline, trace fracture porosity, trace spotted stain. (Judged no value) |
| | 3335-3342 | Limestone, white, fine crystalline, chalky, trace oolitic, trace vugular porosity, trace spotted stain, (Judged no value) |
| Arbuckle | | |
| | 3434-3437 | Dolomite, medium crystalline, cream-tan, poor to fair crystalline porosity, spotted vugular porosity, most saturated; shale, brown-red-gray. |
| | 3437-3437½ | Dolomite, medium crystalline, traces of sand, fair crystalline porosity, all porosity saturated; (plus) abundant glauconite in barren tight dolomite, very sandy. |

Kenneth Vehige