

GEOLOGICAL REPORT

PT Oil LLC

Varner #1-29

E/2 NE NE Section 29-T2S-R4E

Butler County, Kansas

COMMENCED: 07-23-18
 COMPLETED: 07-27-18
 CONTRACTOR: C & G Drilling Co.
 SIZE OF HOLE: 7 7/8"
 SURFACE PIPE: 8 5/8"
 CEMENTED WITH: N/A
 LONG STRING: None
 CEMENTED WITH: None
 RTD: 2690'

William M. Stout
 Geologist

Handwritten:
 7-27-18
 M. Stout

FORMATION TOPS

1363 G.L. 1369 K.B.

	Sample	Log
Kansas City	2138 -769	2135 -766
Base Kansas City	2301 -932	2297 -928
Marmaton	2371 -1002	2367 -998
Altamont	2411 -1042	2408 -1039
Fort Scott	2480 -1111	2476 -1107
Cherokee	2514 -1145	2509 -1145
Mississippi	2552 -1183	2548 -1179
Kinderhook	2664 -1295	2660 -1291
Total Depth	2690 -1321	2688 -1319

SAMPLE DESCRIPTIONS

Kansas City 2138 (-769)
 2169' - 2174'
 Limestone - light brown, fine crystalline, scattered medium crystals, dense, chalky, fossiliferous, faint odor, scattered intercrystalline porosity with light stain, show free oil and fluorescence.

2216' - 2223'
 Limestone - light brown, brown, fine crystalline, fossiliferous, some dense, faint odor, scattered intercrystalline porosity with faint odor, trace light stain, slight show free oil and fluorescence.

2276' - 2282'
 Limestone - light brown, light gray, fine crystalline, some dense, trace with light stain, faint odor, very slight show free oil, trace intercrystalline porosity with fluorescence.

Mississippi 2552' (-1183)
 2552' - 2592'
 Chert - white, opaque, trace weathered, very scattered vugular porosity with light stain, faint to fair odor, show free oil, few gas bubbles and fluorescence.

CONCLUSIONS

Because of the weak oil shows and the thickness of the Mississippi the decision was made to plugged this hole as dry and abandon.

