

2-12-19W
Property of
Kansas Geological Society
540 Petroleum Bldg.
Wichita, Kansas

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SUITE 1007 BROWN BUILDING
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GEOLOGICAL REPORT

October 4, 1961

Raymond Oil Co., Inc.

No. 1 Keberlein

NW SW NE, Section 2-12S-19W

Ellis County, Kansas

Elevation: 2138 Ground
2141 K.B.

Rotary Work Commenced: 9-25-61

Rotary Work Completed: 10-3-61

Drill Stem Tests: One taken (listed
after zones tested.)

Casing Record

8-5/8" @ 244' / 200 Sacks

Electric Logs: None run.

Samples: Samples examined on location from 3000' to 3720' RTD.
Turned in to Kansas Geological Society for filing.

Well Status: Dry and abandoned.

FORMATION TOPS

(Kelly Bushing Measurements)

Topeka	3267 (-1126)
Heebner	3388 (-1247)
Toronto	3409 (-1268)
Lansing	3431 (-1290)
Base Kansas City	3637 (-1496)
Conglomerate	3697 (-1556)
Re-Worked Simpson	3709 (-1568)
Rotary Total Depth	3720 (-1579)

SUMMARY OF POROSITY ZONES AND SHOWS OF OIL

TOPEKA

3351-3357 Limestone; white, fine to medium crystalline,
chalky slightly oolitic, spotted light stain,
no free oil, no odor.

LANSING-KANSAS CITY

3457-3465 Limestone; gray, finely crystalline,
slightly oolitic, poorly developed inter-
oolitic porosity, no shows, no odor.

3470-3473 Limestone; white-gray, finely crystalline,
spotted light stain in poorly developed
inter-crystalline porosity, no odor.

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Lansing-Kansas City (Cont.)

3483-3488 Limestone; white, fine to medium crystalline, slightly oolitic, poor-fair inter-oolitic and slight vuggy porosity; light spotted stain and a slight show of free oil in wet sample.

DRILL STEM TEST No. 1 (Halliburton), 3454-3490, open one hour, weak steady blow throughout test, recovered 255' watery mud with specks of oil. ICIP 1070 psi/20 minutes, IFP 35 psi, FFP 140 psi, FCIP 1030 psi/20 minutes.

3502-3505 Limestone; white, finely crystalline, chalky, slight spotted stain, no free oil, no odor.

3605-3610 Limestone; tan, finely crystalline, poorly developed vuggy porosity with black, heavy, asphaltic staining. No free oil, no odor.

REWORKED SIMPSON

3709-3717 Sand; gray, fine to medium grained, poorly sorted, dirty, tight and shaly, carrying a show of heavy, black, free dead oil, no odor.

STRUCTURAL COMPARISONS

	Alpine #1 Leinmiller 1/4 mi SW	Subject Test	Brunson #1 Weigle 1/2 Mi SE(D&A)
Lansing-K.C.	-1264 (+26)	-1290	-1283 (+7)
R/Simpson	None	-1568	-1553 (+15)
Arbuckle	-1537	-	-1558

REMARKS

The No. 1 Keberlein ran too low structurally to produce as will be noted in the above structural relationships. The best zones in the Lansing-Kansas City were drill stem tested with negative results. The reworked Simpson carried a show of oil but was not tested because of the heavy, dead nature of the oil and the tight, shaly nature of the sand.

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Because of the foregoing it was recommended that the subject test be plugged and abandoned as a dry hole.

Respectfully submitted,

Original signed by:

GEORGE A. McCALEB

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