

15-113-20916

14-18-3W

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OVERLAND PARK, KANSAS 66207
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KAN-O-CO, Inc.

No. 1 Olson

1135' NSL & 567' EWL-SW/4

Sec. 14-18S-3W

McPherson County, Kansas

Elevation: 1532 RB
1531 DF
1526 GL

Spudded: September 22, 1981

Surface Casing: 8 5/8" set @ 198 feet, pre-set with spudder

Drilling Contractor: EDCO Drilling Co., Inc.

Rotary Total Depth: 3724 feet

SAMPLE ANALYSIS REPORT

One (1') foot drilling time and ten (10') foot samples were kept from 1950 feet to rotary total depth. Five (5') foot samples were kept during the drilling of potential zones of production.

The following data was compiled from sample analysis and time log interpretation and correlation. All tops and zones of porosity are corrected to rotary bushing measurements.

Samples were examined from 1950 feet to rotary total depth. The test well was under geological supervision from 1980 feet to rotary total depth of 3724 feet.

Topeka

1965 (- 433)

2020-2024 Limestone, white, fine crystalline, fossiliferous, trace of fair scattered pin point porosity, no stain, no free oil, no odor.

2061-2066 Limestone, white, fine to medium crystalline, slightly fossiliferous, very good vugular porosity, no stain, no free oil, no odor.

Heebner

2210 (- 678)

Toronto

2233 (- 701)

Douglas

2249 (- 717)

Brown Lime

2381 (- 849)

Lansing

2433 (- 901)

2441-2446 Limestone, cream-guff, fossiliferous, very fine crystalline, trace of poor scattered pin point porosity, no stain, no free oil, no odor.

- 2518-2524 Limestone, tan-buff, fine to medium crystalline, trace of fair crystalline porosity, no stain, no free oil, no odor.
- 2532-2585 Limestone, white, very fine crystalline, oolitic-oocastic, very poor scattered vugular porosity, no stain, no free oil, no odor.
- 2774-2780 Limestone, buff, fossiliferous, very poor fossiliferous porosity, no stain, no free oil, no odor.
- Base of Kansas City 2810 (-1278)
Cherokee 3041 (-1509)
Burgess 3123 (-1591)
- 3123-3125 Sandstone, clear, large grained, rough, trace very poor intergrained porosity, no stain, no free oil, no odor.
- Mississippi (Warsaw) 3125 (-1593)
- 3126-3130 Chert, white-gray, sharp, angular, fossiliferous, slightly tripolitic, trace of poor pin point porosity, no stain, no free oil, no odor.
- 3140-3157 Dolomite, gray-tan, very fine crystalline, sucasic, slightly cherty, good crystalline porosity, no stain, no free oil, no odor.
- Mississippi (Osage) 3176 (-1644)
- 3176-3183 Chert, white-cream, sharp, angular, china, semi-opaque, very slightly tripolitic, good vugular and pin point porosity, no stain, no free oil, no odor.
- Kinderhook 3355 (-1823)
Maquoketa Dolomite 3546 (-2014)
Viola 3631 (-2099)
- 3632-3636 Limestone, white-gray, medium crystalline, good vugular porosity, trace of poor to fair stain, trace of very thick black oil, high percent tar, no odor.
- Simpson 3684 (-2152)
Simpson Sandstone 3694 (-2162)

3694-3701 Sandstone, clear, medium grained, well rounded, poor intergrained porosity, trace of dark stain, trace of dead oil, fair show very heavy oil and tar, high percent barren porosity, no odor.

3710-3716 Sandstone, clear, medium grained, well rounded, poor intergrained porosity, no stain, no free oil, no odor.

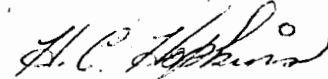
COMMENTS AND RECOMMENDATIONS

The KAN-O-CO, Inc. No. 1 Olson test well encountered shows of heavy oil and tar in the Viola and Simpson formations which could not be produced commercially.

The sample analysis, log correlation, and structural position of the test well does not warrant further testing. The shows of oil have no life and appear to be water bearing.

It was recommended that the test well be abandoned as a dry hole and plugged in accordance with the Laws of the State of Kansas.

Respectfully submitted,



H. C. Hopkins
Geologist

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