

December 1, 1967

Mr. Cameron K. Reed and
Aladdin Petroleum Corporation
809 Petroleum Building
Wichita, Kansas 67202

Re: Aladdin and Reed's
No. 1 White
SW NE, Sec. 27-16S-8E
Morris County, Kansas

Gentlemen:

Following is a geological report on your above-captioned well.

One-foot drilling time and 10-foot drilling samples were kept from 1000' to total depth.

All measurements used in this report are relative to ground level elevation.

Contractor - Slusser Drilling Company, Marion, Kansas

Elevation - 1366 GL
1369 DF
1371 KB

Drill pipe - 4-1/2" full hole

Hole - 7-7/8"

Pump pressure - 650#

Surface casing - 8-5/8" casing set at 190'.

Rotary commenced drilling - November 19, 1967

Rotary completed drilling - November 26, 1967

GEOLOGICAL FORMATION TOPS

Topeka	1262 (+ 104)
Heebner	1286 (+ 80)
Toronto	1306 (+ 60)
Lansing	1463 (- 197)
Kansas City	1678 (- 312)
Base Kansas City	1942 (- 576)
Burgess Sand	2468 (-1102)
Mississippi	2478 (-1112)
Kinderhook	2716 (-1350)
Hunton	2865 (-1499)
Maquoketa	2948 (-1582)
Viola	3022 (-1656)
Rotary TD	3048 (-1682)

GEOLOGICAL FORMATION DESCRIPTION

TOPEKA - Top 1262 (+104)

Buff, gray, fine, crystalline lime. No shows.

HEEBNER - Top 1286 (+80)

Black carbonaceous shale.

TORONTO - 1306 (+60)

White, fine, crystalline lime. No show.

DOUGLASS - Top 1328 (+38)

Gray shale.

LANSING - Top 1463 (-97)

Light gray, chalky lime. No shows.

1463
1366

- 97

KANSAS CITY - Top 1678 (-312)

Gray, dense, fine, crystalline lime. Several zones of oolitic and vuggy porosity were noted in this section, but no shows of oil were logged.

BASE KANSAS CITY - 1942 (-576)

Abundant dark carbonaceous shale. Interbedded gray lime and shale.

BURGESS - Top 2468 (-1102)

Large, angular quartz sand, incorporated fresh white chert. No shows.

MISSISSIPPI - Top 2478 (-1112)

2478-2492: Fresh, white chert and multicolored shale. No shows.

2492-2529: White, fresh chert and incorporated buff sucrosic dolomite. No shows.

2529-2545: Light buff, dense, fine crystalline limestone. Bright fluorescence. No cut with carbon tetrachloride.

2545-2618: Light buff sucrosic dolomite and fresh white chert. No shows.

2618-2716: Buff and gray, dense, fine, crystalline limestone. No shows.

KINDERHOOK - Top 2716 (-1350)

Gray-blue shale.

HUNTON - Top 2865 (-1499)

Light gray, vuggy dolomite, good porosity. No shows.

Drill Stem Test #1 - 2867-2873

Open 1 hour. Weak blow, 20 minutes; no blow, 15 minutes. Recovered 2,360 ft. water.

ISIP:	1017	FSIP:	1017
IFP:	885	FFP:	1017

2910-2948: Light gray, vuggy dolomite and incorporated fresh, white chert. No shows.

MAQUOKETA - Top 2948 (-1582)

Gray-green dolomitic shale, arenaceous in part. No shows.

VIOLA - Top 3022 (-1656)

Bone-white, medium vuggy dolomite. Trace of free oil. Fleeting odor.

Drill Stem Test #2 - 3024-3030

Open 1 hour. Recovered 720 ft. water.

ISIP:	960	FSIP:	940
IFP:	30	FFP:	330

TOTAL DEPTH (ROTARY) - 3048 (-1682)

CONCLUSIONS

The only oil show encountered in this well was in the Viola, which yielded water. The Hunton dolomite also tested water. Although this well was structurally flat with the Musgrove #1 Richards dry hole, it did not display enough structure to allow accumulation of commercial quantities of oil or gas.

Because of the absence of shows and the negative drill stem tests, it was recommended that this well be plugged and abandoned.

Very truly yours,



Gary Edwards, Petroleum Geologist