

34-12-14W

Eud Claussen
760' FNL 380' FEL NW/4 *Claussen 1-34*
Section 34-12S-14W
Russell County, Kansas

CONTRACTOR: Red Tiger Drilling Co.
COMMENCED: 6-28-80
COMPLETED: 7-03-80
ELEVATIONS: No elevation shot
CASING PROGRAM: Surface: 8 5/8" @613'
Production: 5 1/2" @2901'
MEASUREMENTS: All depths measured from the Kelly Bushing
DRILLING TIME: One (1) foot drilling time recorded by geologist, surface to the R.T.D.
SAMPLES: Samples examined 2600' to the R.T.D.
ELECTRIC LOG: None
FORMATION TESTING: None

<u>FORMATION</u>	<u>SAMPLE DEPTH</u>	<u>SUB-SEA DATUM</u>
Anhydrite	744	-
Severy	2579	-
Topeka	2597	-
Heebner	2818	-
Toronto	2839	-
Douglas	2856	-
Lansing	2871	-
Rotary Total Depth	2902	-

Remarks: No elevation was shot, so the sub-sea datum was unobtainable.
(All Tops and zone determinations were made from a correlation of a drilling time log and sample analysis.)

<u>TOPFKA SECTION</u> 2597-2602	Limestone, cream, finely crystalline, slightly chalky, fair pinpoint porosity, good golden brown stain and saturation, weak show of free oil and odor in fresh samples.
2618-2622	Limestone, gray, finely crystalline to dense, highly cherty, no visible porosity, spotty brown stain, faint show of free oil and odor in fresh samples.
2631-2636	Limestone, cream to buff, highly chalky. No shows of oil.
2658-2670	Limestone, as immediately above.
2762-2768	Limestone, cream, finely crystalline, fossiliferous, cherty, poor porosity, slightly pyritic, spotty light brown stain, trace of free oil and faint odor in fresh samples.

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TORONTO SECTION
2840-2844

Limestone, white, dense, fossiliferous, no visible porosity, spotty light brown stain. No show of free oil and faint odor in fresh samples.

LANSING SECTION
2873-2877.

Limestone, gray, finely crystalline to dense, slightly quartzitic, poor pin point and vugular type porosity, fossiliferous, trace of free oil and weak odor in fresh samples.

2896-2900

Limestone, tan to buff, oolitic to fossiliferous, poor to fair fossil-cast porosity, scattered light brown stain. Weak show of free oil and odor in fresh samples.

ROTARY TOTAL DEPTH 2902 (-)

RECOMMENDATIONS: It was recommended that 5 1/2" casing be set and cemented at 2901, 1" off bottom and the following zone to be tested.

1. Lansing 40' zone
- Open-hole completion methods.

Respectfully submitted,


Brad Hutchison

BJH:mw