



# ERIC WADDELL COMPANY

Independent Petroleum Geologist

Complete Geological Services

P. O. Box 349

Natoma, Kansas 67651

913-885-4497

STEINLE OIL CO.  
ROSS #1  
110'S and 220'E  
SW SW NW SECT. 14-11S-13W  
RUSSELL COUNTY, KANSAS

PIPE RECORD: 238.49' of 8 5/8"  
set at 246' w/ 160 sks. of 60/40  
poz., 2% gel, and 3% C.C..

COMMENCED: 12-24-85  
COMPLETED: 1-1-86

ANHYDRITE: 667-700' (+934)  
DRILLED BY EMPHASIS OIL OPERATIONS  
RIG #2

## GEOLOGICAL REPORT

ELEVATION: KB 1601  
GL 1596

Gentlemen:

The above captioned well was under my supervision from a rotary depth of 2450 to a rotary total depth of 3735. Ten foot dried samples were examined from 2250-2360, and from 2450 to RTD. Ten foot washed samples were examined from 2520 to RTD. No drill stem tests or electric logs were run. This well was abandoned.

## FORMATION DATA (sample tops)

TOPEKA LMS.....	2607.....	-1006
HEEBNER SH.....	2843.....	-1242
LANSING-KANSAS CITY.....	2903.....	-1302
BASE OF KANSAS CITY.....	3218.....	-1617
CONGLOMERATE SH.....	3296.....	-1695
CONGLOMERATE CHERT.....	3364.....	-1763
MISSISSIPPI CHERT.....	3427.....	-1826
VIOLA.....	3473.....	-1872
RTD.....	3738.....	-2137

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14113W

**SIGNIFICANT ZONES**

(Oil shows, stains, and porosity)

Tarkio	(2300-2310)	Lms., gray, friable w/ spotted asphaltic stain.
Topeka Lms. (2607-2843)	(2706-2711)	Lms., gray, fine crystalline, no show, no odor, w/pinpoint porosity.
Lansing-Kansas city (2903-3218)	(2907-2912)	Lms., white to cream, fine crystalline, very chalky and shaly, no show, no odor.
	(2941-2949)	Lms., white very oolcastic, w/ a small trace of flat oil, and a faint odor.
	(2950-2954)	Lms., white, fossiliferous, no show, no odor, w/ intergranular porosity.
	(3106-3108)	Lms., gray, oolitic to oolcastic, sandy, no show, no odor, w/ oolcastic porosity.
	(3172-3175)	Lms., gray, fine crystalline, chalky, no show, no odor.
Conglomerate Shale (3362-3364)	(3300-3303)	Ss., quartz arenite, very fine grained, well rounded, mature, w/ a trace of dead oil, no odor.
Viola (3473- )	(3529-3535)	Dolomite, cream to white, fine crystalline to silty granular, w/ a trace of asphaltic stain, possibly fractured.

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**RECOMMENDATIONS**

It is recommended by those parties involved that this test well be plugged and abandoned. The reasons for abandonment are lack of commercial oil shows, poorly developed porosity, and the fact that this well ran structurally low to the wells in the area.

Respectfully submitted,

Tracy L. Cooley Geologist

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