

Southern States Oil Co.
 G. Weinhold #3, 150' W NE NE NW Section 33-14S-12W
 Russell County, Kansas

33-14-12W
 State Geological Survey
 WICHITA, BRANCH

5½" PRODUCTION CASING SET

CONTRACTOR: Woodman-Ianitti (2)
 COMMENCED: 2-11-82
 COMPLETED: 2-16-82
 ELEVATIONS: 1691' K.B., 1688' D.F., 1686' G.L.
 CASING PROGRAM: Surface: 8 5/8" @ 270'
 Production: 5½" @ 3203'
 MEASUREMENTS: All depths measured from the Kelly Bushing
 DRILLING TIME: One (1) foot drilling time recorded by geolograph, surface to the R.T.D.
 SAMPLES: Samples saved 2150' to the R.T.D.
 ELECTRIC LOG: None
 FORMATION TESTING: There was one drill stem test run by Sun Testers

<u>FORMATION</u>	<u>SAMPLE DEPTH</u>	<u>SUB-SEA DATUM</u>
Anhydrite (driller)	590	+1101
Grand Haven	2184	-493
First Tarkio Sand	2202	<u>+511</u> -511 ⁴⁴
Dover Limestone	2208	-517
Top a	2530	-839
Heebner	2769	-1078
Toronto	2788	-1097
Douglas	2800	-1109
Brown Lime	2853	-1162
Lansing	2862	-1171
Base Kansas City	3124	-1433
Conglomerate	3165	-1474
Rotary Total Depth	3304 3204	-1513

(All tops and zone determinations were made from a correlation of a drilling time log and sample analysis.)

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

<u>TARKIO SECTION</u> 2202-2208	Sandstone, highly micaceous to glauconitic, friable, poorly sorted, poor porosity, one piece trace of stain. No free oil or odor in fresh samples.
<u>LANSING SECTION</u> 2862-2865	Limestone, light gray, oolitic to sub-oclastic, poorly developed porosity, spotty light stain. Trace of free oil and questionable odor in fresh samples.
2887-2901	Limestone, gray finely crystalline, oocastic, good oocastic porosity (mostly barren) Few pieces scattered stain, show of free oil and faint odor in fresh samples.
2935-2941	Limestone cream very finely crystalline fossiliferous, slightly cherty, fair scattered pin-point porosity, scattered golden stain and saturation. Show of free oil and faint odor in fresh samples.
2948-2962	Limestone gray oocastic, good oocastic porosity, fair scattered stain (some barren) saturation. Show of free oil (gassy) fair odor in fresh samples.

