

33-14-12W^{2nd}

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

State Geological Survey
WICHITA, BRANCH

5 1/2" CASING SET

CONTRACTOR: Woodman-Iannitti (2)

COMMENCED: 2-5-82

COMPLETED: 2-10-82

ELEVATIONS: 1694' K.B., 1691' D.F., 1689' G.L.

CASING PROGRAM: Surface: 8 5/8 @ 271'
Production: 5 1/2" @ 3204'

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 saved 2150' to the R.T.D.

ELECTRIC LOG: None

FORMATION TESTING: There were two drill stem tests run by Sun Testing

<u>FORMATION</u>	<u>SAMPLE DEPTH</u>	<u>SUB-SEA DATUM</u>
Anhydrite (driller)	600	+1094
Grand Haven	2187	-493
1st Tarkio Sand	2200	-506
arkio Limestone	2263	-569
Elmont	2319	-625
Topeka	2530	-836
Heebner	2769	-1075
Toronto	2789	-1095
uglas	2805	-1111
Brown Lime	2856	-1162
Lansing	2865	-1171
Base Kansas City	3125	-1431
Conglomerate	3161	-1467
Arbuckle	3191	-1497
Rotary Total Depth	3205	-1511

(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.

ARKIO SECTION
2200-2208

Sandstone, clear, slightly glauconitic, well sorted, friable, good intergranular porosity. Scattered light golden brown stain. Show of free oil and weak odor in fresh samples. (Perforate.)

2221-2226

Sandstone, as above. Poorly sorted, highly micaceous and glauconitic, spotty stain. No free oil or odor in fresh samples.

LANSING SECTION
2869-2874

Limestone, white to cream, sub-oocastic, poor porosity. Trace spotty (dead) stain. No free oil or odor in fresh samples.

2890-2904

Limestone, cream to buff, oocastic, good oocastic porosity some barren porosity, fair scattered stain in the upper part of the interval, show of free oil (gassy) and good odor in fresh samples.

RECEIVED
STATE CORPORATION DIVISION
MAR 17 1982
CONSERVATION DIVISION
Wichita, Kansas

FEB 1982
RECEIVED
GREAT BEND
OFFICE