

Southern States Oil Co.  
Kepka #3, 150'W NW NE NW, Section 33-14S-12W  
Russell County, Kansas  
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DRILL STEM TEST #1 2861-2910

Open: I.F. 30"  
F.F. 30"  
Blow: Weak-45 minutes  
Recovery: 30' of mud  
Pressures: ISIP 579 psi  
FSIP 527 psi  
IFP 52-41 psi  
FFP 52-52 psi  
HSH 1574-1555 psi

2939-2944

Limestone, buff slightly fossiliferous, cherty, poor pinpoint porosity. Trace of spotty stain. No free oil and faint odor in fresh samples.

2949-2955

Limestone, cream to gray, oocastic, good oocastic porosity (mostly barren). Few pieces scattered stain, show of free (gassy) oil and faint odor in fresh samples. Perforate.

DRILL STEM TEST #2 2923-2955

Open: I.F. 45"  
F.F. 30"  
Blow: Strong  
Recovery: 1300' gas in the pipe.  
180' muddy froggy oil  
Grind Out: 45% Oil, 31% Gas, 12% Mud 12% Water  
60' Oil-Gas Cut Mud  
30' Oil Specked Mud  
Pressures: ISIP 226 psi  
FSIP 274 psi  
IFP 48-71 psi  
FFP 83-107 psi  
HSH 1560-1535 psi

2956-2973

State Geological Survey  
WICHITA, BRANCH

Limestone, as above. Decrease in show and odor plus a slug of white, chalky limestone.

3002-3004

Limestone, cream, sub-oocastic poorly developed porosity. No shows of oil.

21-3024

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 17 1962  
CONSERVATION DIVISION  
Wichita, Kansas

Limestone, gray cherty oolitic to oocastic. Scattered oocastic to vuggy type porosity. Scattered brown stain. No free oil or odor in fresh samples. Perforate.

3049-3053

Limestone, white slightly cherty oocastic, fair oocastic porosity (barren). No shows of oil.

ARBUCKLE SECTION  
3191-3196

Dolomite, gray to tan medium crystalline, some dense dolomite. Scattered fair intercrystalline porosity. No shows of oil.

3200-3205

Dolomite, gray medium to coarse crystalline, good intercrystalline porosity (barren). No shows of oil.