

Scott T. Lutz
#3 Nichepor

C S/2 SE/4
Sec. 24-16S-26W
Ness County, Kansas

DRY & ABANDONED

CONTRACTOR: Red Tiger Drilling (Rig #10)
COMMENCED: April 16, 1985
COMPLETED: April 22, 1985
ELEVATIONS: 2598 K.B., 2596 D.F., 2593 G.L.
CASING PROGRAM: Surface: 8 5/8" @ 328'
Production: none
SAMPLES: Samples were examined from 3700' to the R.T.D.
DRILLING TIME: One (1) foot drilling time recorded by
geolograph 3700' to the R.T.D.
MEASUREMENTS: All depths were measured from the Kelly Bushing
ELECTRIC LOG: Radiation Guard by Electra Log
FORMATION TESTING: There was one (1) drill stem test run by
Cheney Testers

RECEIVED
STATE CORPORATION COMMISSION

SEP 11 1985

CONSERVATION DIVISION
Wichita, Kansas

<u>FORMATION</u>	<u>ELECTRIC LOG DEPTH</u>	<u>SUB SEA DATUM</u>
Anhydrite	1975	+ 623
Heebner	3865	-1267
Toronto	3892	-1294
Lansing	3911	-1313
Stark	4156	-1558
Base/Kansas City	4218	-1620
Marmaton	4265	-1667
Pawnee	4352	-1754
Fort Scott	4422	-1824
Cherokee	4454	-1856
Conglomerate	4496	-1898
Mississippi	4530	-1932
R.T.D.	4580	-1982
L.T.D.	4579	-1981

SEP 18 1985

State Geological Survey
WICHITA BRANCH

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

LANSING SECTION

3911-3925 Limestone, white to gray, finely crystalline,
slightly chalky, fair intercrystalline
porosity, scattered fossiliferous, no shows

3925-3936 Limestone, white to light gray, fossili-
ferous, oolitic, fair intercrystalline
porosity, no shows

3948-3954 Limestone, white to buff, fossiliferous
sub-oolicastic, fair oolicastic porosity,
spotty brown stain, no shows

3955-3964 Limestone, white, finely crystalline,
slightly chalky, fair intercrystalline
porosity, no shows

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3970-3980 Limestone, white, highly chalky, no shows.

3992-4004 Limestone, white-light gray, fossiliferous, slightly chalky, fair intercrystalline porosity, slightly dolomitic, no shows.

4010-4016 Limestone, white, fossiliferous, oolitic, fair intercrystalline porosity, no shows.

4026-4040 Limestone, gray, oolitic, good, oolitic. -Barren-

4042-4050 Limestone, white to cream, chalky, no shows.

4054-4060 Limestone, white to light gray, dense, slightly fossiliferous, highly cherty, no shows.

4062-4070 Limestone, as above.

4071-4076 Limestone, gray, fossiliferous to sub-oolitic, scattered oolitic porosity, no shows.

4088-4095 Limestone, white, scattered chalky, finely crystalline, fair intercrystalline porosity, no shows.

4100-4106 Limestone, white, to gray, chalky, poor visible porosity, no shows.

4116-4125 Limestone, white to light gray, finely crystalline, slightly fossiliferous. poor visible porosity, no shows.

4130-4140 Limestone, gray to tan, finely crystalline, cherty, poor visible porosity, no shows.

4166-4170 Limestone, white to cream, finely crystalline, chalky in part, poor visible porosity, no shows.

4171-4180 Limestone, gray to tan, finely crystalline, cherty, poor visible porosity, no shows

4185-4190 Limestone, gray to tan, highly cherty, with scattered gray to tan opaque chert, poor visible porosity, no shows

4195-4205 Limestone, white, highly chalky, poor visible porosity, no shows

MARMATON SECTION

4275-4285 Limestone, gray, finely crystalline, cherty, poor visible porosity, no shows

4295-4310 Limestone, gray to tan, finely crystalline, cherty, scattered fossiliferous, few with calcite infill, poor visible porosity, no shows

4320-4335 Limestone, gray, finely crystalline, cherty, scattered fossiliferous, poor visible porosity, no show: with few scattered white, finely crystalline limestone, slightly fossiliferous, fair vuggy type porosity, brown stain, very weak show of free oil

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FORT SCOTT SECTION

4422-4428

Limestone, gray, finely crystalline, highly fossiliferous, fair interfossiliferous porosity, golden brown stain, fair odor, fair show of free oil

MISSISSIPPI SECTION

4530-4540

Dolomite, tan to buff, fine to medium crystalline, sucrosic, fair intercrystalline porosity, fair saturation, good odor, good show of free oil

4541-4550

Dolomite, as above

DRILL STEM TEST #1 4531-4550

(Straddle Test)

Open:	IF: 45"
	FF: 45"
Blow:	Weak building to 3"
Recovery:	30 ft clean gassy oil, 60 ft oil cut mud, 60 ft muddy water
Pressures:	ISIP: 817 psi (45") FSIP: 643 psi (45") IFP: 51-61 psi FFP: 71-81 psi HSH: 2411-2329
Temperature:	112° F.

ROTARY TOTAL DEPTH 4580 (-1982)

LOG TOTAL DEPTH 4579 (-1981)

RECOMMENDATIONS:

Due to the low structural position and the negative results of Drill Stem Test #1, it was recommended that the #3 Nichepor be plugged and abandoned at the R.T.D. 4580 (-1982).

Respectfully submitted,

THE ROXANA CORPORATION

Rod Tremblay