

Brad Hutchison, Petroleum Geologist
116 Eves Drive
Russell, Kansas 67665

JAN 1 2005

CONFIDENTIAL

Norstar Petroleum Inc.
Kaufman # 1-33
1250' FSL, 1680' FEL, Section 33-15S-12W
Russell County, Kansas

RECEIVED
JAN 20 2005
KCC WICHITA

Dry and Abandoned

CONTRACTOR: Southwind Drilling, Inc.

COMMENCED: 9-17-04

COMPLETED: 9-23-04

ELEVATIONS: 1885' K.B., 1883' D.F., 1875' G.L.

CASING PROGRAM: Surface: 8 5/8" @ 230'
Production: None

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 2600' to the R.T.D.

ELECTRIC LOG: By Log-Tech., Dual Induction, Dual
Compensated Porosity, Microresistivity
Logs.

FORMATION TESTING: There were two (2) drillstem tests run by
Superior Testers Enterprises, Inc.

<u>FORMATION</u>	<u>Electric Log Depth</u>	<u>SUB-SEA DATUM</u>
ANHYDRITE	812	+1072
TOPEKA	2679	- 794
HEEBNER	2960	- 1075
TORONTO	2978	- 1093
DOUGLAS	2991	- 1106

100L
JAN 17 2013
CONFIDENTIAL

Norstar Petroleum Inc.
Kaufman # 1-33
1250' FSL, 1680' FEL, Section 33-15S-12W
Russell County, Kansas
Page 2

DOUGLAS SAND	3011	-1126
BROWN LIME	3048	-1163
LANSING	3060	-1175
BASE KANSAS CITY	3310	-1425
CONGLOMERATE	3321	-1436
ROTARY TOTAL DEPTH	3357	-1472
ELECTRIC LOG TOTAL DEPTH	3358	-1473

(All tops and zone determinations were corrected to the electric log engineer's measurements.)

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

TOPEKA SECTION

2922-2927

Limestone, off white to gray, oolitic to fossiliferous, finely crystalline, chalky, trace of spotty black (dead) tarry stain. No free oil or odor in fresh samples..

TORONTO SECTION

2981-2985

Limestone, buff to white, very finely crystalline, trace of spotty pinpoint porosity, scattered light brown stain and saturation (few pieces). No free oil and faint odor in fresh samples.

DOUGLAS SAND SECTION

3011-3018

Sandstone, very fine grain, well rounded, highly micaceous and glauconitic, (friable), fair spotty light brown stain. Show of free oil and faint to weak odor in fresh samples.

LANSING SECTION

3066-3068

Limestone, light gray to buff, oolitic to oocastic, good oocastic porosity, (mostly barren), trace of scattered light brown stain. Show of free oil (gassy) and faint odor in fresh samples.

3092-3094

Limestone, light gray to buff, oocastic, good oocastic porosity, trace of scattered light brown stain and saturation. Show of free oil (gassy) and very weak odor in fresh samples.

Norstsar Petroleum, Inc.
Kaufman # 1-33
1250' FSL, 1680' FEL, Section 33-15S-12W
Russell County, Kansas
Page 3

1006
JAN 17 2005
CONFIDENTIAL

Drill Stem Test #1 3061-3110

Open: I.F. 47"
F.F. 60"
Blow: Weak building to good.
Recovery: 40' of oil and gas cut mud.
Grind Out: 5% gas
5% oil
90% mud
60' of oil and gas cut mud.
Grind Out: 38% gas
10% oil
42% mud
10% water

Pressures: ISIP 714 psi
FSIP 708 psi
IFP 52-87 psi
FFP 72-92 psi
HSH 1605-1517 psi

3135-3142 Limestone, white, very finely crystalline,
trace of rare spotty pinpoint porosity, trace
of rare (dead) stain, abundant white chert.
No free oil or odor in fresh samples.

3216-3218 Limestone, cream to light gray, finely crystalline,
oolitic to fossiliferous, trace of spotty rare fossil-
cast porosity, trace of dark spotty (dead) stain
(1-2 pieces). No free oil or odor in fresh samples.

3229-3240 Limestone, white, finely crystalline, oocastic to
slightly fossiliferous, fair scattered oocastic por-
osity, fair scattered light brown stain and sat-
uration, (some barren). Fair show of free oil
and odor in fresh samples.

KCC
JAN 17 2005
CONFIDENTIAL

Norstar Petroleum, Inc.
Kaufman # 1-33
125' FSL, 1680' FEL, Section 33-15S-12W
Russell County, Kansas
Page 4

Drill Stem Test # 2 3211-3250

Open: I.F. 30"
F.F. 60"
Blow: Weak, building to good.
Recovery: 120' of gas in the pipe.
10' of clean gassy oil.
45' of oil and gas cut mud.
120' of slightly oil cut muddy water.
Grind Out: 2% oil
33% mud
65% water
60' of slightly oil cut muddy water.
Grind Out: 2% oil
18% mud
80% water
Pressures: ISIP 714 psi
FSIP 709 psi
IFP 47-98 psi
FFP 103-146 psi
HSH 1599-1578 psi.

CONGLOMERATE SECTION

3321-3357

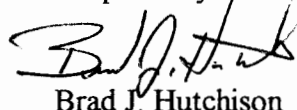
Cherts, vari-colored all in matrix of blood red shales. No shows fo oil.

ROTARY TOTAL DEPTH 3357 (-1472)

ELECTRIC LOG TOTAL DEPTH 3358 (-1473)

RECOMMENDATIONS: It was recommended based on the marginal results of Drillstem Tests, and the low structural position of the Kaufman #1-33, that it be plugged and abandoned at a total electric log depth of 3358 (-1473).

Respectfully Submitted,


Brad J. Hutchison