

Computer Inventoried

ORIGINAL

DRISCOLL LEASE OPERATIONS, INC.
P.O. Box 226
Russell, Kansas 67665

KCC

MAR 01 1996

GEOLOGICAL REPORT

Colleen Mudd "B" No. 1
NW-SE-NE, Section 33,
Twp. 13 South, Rge. 14 West
Russell County, Kansas
API#15-167-23092

October 22, 1994

Driscoll Lease Operations, Inc.
P.O. Box 226
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GEOLOGICAL REPORT:

Colleen Mudd "B" No. 1
NW-SE-NE, 33-13S-14W
Russell County, Kansas

CONTRACTOR:

Vonfeldt Drilling Co. Rig No. 1
Russell, Kansas 67665

DRILLING COMMENCED:

October 16, 1994

DRILLING COMPLETED:

October 21, 1994

CASING RECORD:

8 5/8 set at 535' with 250 sx.
No Production Casing.

DRILLING TIME:

By Geologist.
1 foot intervals plotted and recorded
from 2650' to 3350' R.T.D.

SAMPLES:

10' intervals from 2700' to 3350' R.T.D.

DRILL STEM TESTS:

No drill stem tests were run.

LOGS:

No logs were run on the Colleen
Mudd "B" No. 1.

MUD TYPE:

Starch and salt Gel

ELEVATION:

American Elevations, Inc.
Kelly Bushing 1864'
Ground Level 1859'
Measurements from K.B.

FORMATION TOPS
(Sample Tops)

<u>FORMATION</u>	<u>DEPTH</u>	<u>MINUS DATUM</u>
*Anhydrite	897	+967
*Base Anhydrite	932	+932
Topeka	2743	-879
Heebner	2976	-1112
Toronto	2995	-1131
Douglas	3011	-1147
Lansing-Kansas City	3033	-1169

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Lansing-Kansas City 3033 (-1169)

3033-35
A Zone

LS; White, fine crystalline and dense. No visible porosity. No free oil or odor.

3054-58
B Zone

LS; White to light gray, fossiliferous and slightly oolitic. Poor chalky porosity with a trace of stain. No free oil or odor.

3073-80
C Zone

LS; White, poor oolitic and oolitic porosity with a trace of rare spotty stain. No free oil or odor.

3129-38
G Zone

LS; White, poor oolitic porosity with a trace of dead oil stain. No free oil or odor.

3174-77
H Zone

LS; Light gray to white, fair crystalline chalky porosity. No free oil or odor.

3190-94
I Zone

LS; White to buff, crystalline fossiliferous, and slightly oolitic. No shows.

3213-15
J Zone

LS; White, fine crystalline and dense. Slightly fossiliferous. No shows.

3249-51
K Zone

LS; Buff, fine crystalline, dense to to chalky. No shows.

3276-77
L Zone

LS; White, fine crystalline and dense. Cherty. No shows.

Base-Kansas City 3285 (-1421)

Conglomerate 3302 (-1438)

3305-20

Congl; Weathered white lime with weathered cherts. Soft red, gray, and brown shales. No shows.

3320-50

Congl; As above with an increase of chert. Also some large rounded Quartz grains. No visible shows of oil.

Rotary Total Depth 3350 (-1486)

REMARKS AND RECOMMENDATIONS

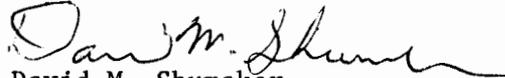
The Colleen Mudd "B" No.1 ran structurally low to the Green-Witt and Miles Gress No. 1 (NE-SE-NE) (-3 feet) when comparing the Lansing tops. The Colleen Mudd "B" No. 1 was 17 feet low to the Ivan Holt Boxberger No. 5 when comparing the Lansing tops. The Lansing contained no commercial shows of oil, therefore no recommendation to test or set pipe on the Colleen Mudd "B" No. 1 was made.

The Conglomerate was encountered at 3302' with no Arbuckle or Gorham Sand being found at 3350', rotary total depth.

It was recommended that the Colleen Mudd "B" No. 1 be plugged and completed as a dry hole.

DMS/das

Respectfully Submitted,



David M. Shumaker
Petroleum Geologist