

24-13-18W
Jik

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October 10, 1984

GEOLOGIC REPORT

Dreiling Resources Polifka C #4
NE SW NW 24-13S-18W
Ellis County, Kansas
Commenced: 10/1/84
Completed: 10/6/84

Pipe Record:
8 5/8 @ 554 W/325 sacks
4 1/2 @ 3721' W/150 sacks
Anhydrite: 1376-1417
Drilled by: Dreiling
Rig #1

2138 G.L. ELEVATION 2143 K.B. 2141 D.F.

FORMATION DATA
(Corrected to R.A. Guard Log)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA	-1005	3148
HEEBNER	-1247	3390
TORONTO	-1269	3412
LANSING-K.C.	-1295	3438
LANSING-K.C. BASE	-1525	3668
PLEASANTON	-1527	3670
CONGLOMERATE	-1541	3684
ARBUCKLE	-1557	3700
R.T.D.	-1587	3730
L.T.D.	-1587	3730

Cores: None.
Drill Stem Tests: One, see below.
Electric Logs: Welex R.A. Guard Log w/caliper.

FORMATION DESCRIPTION

NOTICE: There were no shows above the Toronto in this well.

TORONTO 3412-28:

This formation has a trace of live stain in a chalky, white to offwhite, friable to firm, fine crystalline limestone that should be tested before abandoning from 3414-18.

LANSING-KANSAS CITY 3438-3668:

A, B Bench 3438-57 This bench has a barren, chalky to firm, fine crystalline limestone that is white to offwhite.

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C, D Bench 3463-3500 This area has a minor show of free oil and stain in an offwhite, fine crystalline limestone with intercrystalline porosity that should be tested from 3264-68. The tight area from 3463-65 may not be tight but the result of a gas affect on the neutron.

E, F, G Bench 3508-58 This zone has a minor to adequate show of free oil and stain in an offwhite, fine crystalline limestone with interfossiliferous, intercrystalline and oolitic porosities that should be tested from 3534-38 and 3513-16. Please see D.S.T. #1, below.

DRILL STEM TEST NUMBER ONE 3498-3555:

Zones Tested: E, F, G
Testing Times: 45-30-45-30
Recovery: 25' OCWM 45' SOCMW 60' oil spotted M.W.
IBHP: 419
FBHP: 419
FP: 97-107 117-126

H Bench 3570-96 This bench has a very minor show of free oil and stain in an offwhite, fine crystalline limestone with interfossiliferous porosity that does not warrant testing.

I Bench 3594-3607 This bench has a minor show of free oil and stain in a tan, cherty, fine crystalline limestone with intercrystalline and fractured porosities that should be tested from 3595-97.

J Bench 3612-25 This bench has a trace to very minor show of free oil and stain in an offwhite to tan, fine crystalline limestone with oolitic and intercrystalline porosities that do not calculate or warrant further testing.

K, L Bench 3631-3668 This area has a very minor show of free oil and stain in a white to offwhite, friable to cherty, fine crystalline limestone with intercrystalline and interfossiliferous porosities that should be tested from 3661-68 and 3632-34.

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PLEASANTON 3670-78:

This formation has a very minor show of free oil and stain in a white to offwhite, friable to cherty, fine crystalline limestone with intercrystalline and interfossiliferous porosities that should be tested from 3670-73.

ARBUCKLE 3700-30:

This formation has a trace of staining in a white to tan fine crystalline dolomite.

RECOMMENDATIONS

It was recommended and confirmed by all parties to set pipe and test this well.

Respectfully submitted,

Jerry Green
Jerry Green

JG/gc