

26-8-18W

Cal



THE GENE BROWN COMPANY
407 S. MAIN
PLAINVILLE, KS. 67663

GEOLOGICAL REPORT

PAUL DECHANT #5
4290' From S. Line
1650' From E. Line
NE $\frac{1}{4}$
SECTION 26
Twp. 8S Rge. 18W
ROOKS COUNTY, KANSAS

MAY 25 1984

State Geological Survey
WICHITA BRANCH

MARCH 30, 1984

RECEIVED
STATE CORPORATION COMMISSION

MAY 22 1984

CONSERVATION DIVISION
Wichita, Kansas

26-8-18W

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NE $\frac{1}{4}$
SECTION 26
Twp. 8S Rge. 18W
Rooks County, Kansas

CONTRACTOR:

Dreiling Oil, Inc., Rig #3
Victoria, Kansas 67671

DRILLING COMMENCED:

March 7, 1984

CASING RECORD:

Ran 5 jts. 8 5/8". 208' set
@ 214'. Cement with 135 sks.
common. 3% cc. Plug down @
4:15 P.M. Production casing set.

SAMPLES:

10' samples from 2700' to R.T.D.

DRILLING TIME:

1' intervals from 2700' to R.T.D.

DRILLSTEM TESTS:

None

ELEVATIONS:

Kelly Bushing 1965
Drilling Floor 1962
Ground Level 1960
All Measurements From K.B.

LOG:

L-K Wireline Gamma Ray Neutron

FORMATION TOPS
(Corrected to L-K Wireline Gamma Ray Neutron)

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUMS</u>
Anhydrite	1294	+ 771
Base Anhydrite	1330	+ 635
Topeka	2675	- 710
Heebner	3082	-1117
Toronto	3104	-1139
Lansing	3124	-1159
Base Kansas City	3346	-1381
Arbuckle	3376	-1411
L.T.D.	3434	-1469

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LITHOLOGIC DESCRIPTION OF SIGNIFICANT OIL SHOWS

LOWER TOPEKA LIME:

This area above the Heebner, 3050' to 3058', exhibited a cream to tan, medium crystalline limestone, intercrystalline, slightly oolitic porosity, light brown stain.

TOTONTO LIME:

The Toronto Lime, 3104' to 3107' exhibited a tan to cream, medium crystalline limestone, intercrystalline porosity, light medium stain, good odor, show of free oil, slightly fossiliferous.

LANSING LIME:

The "A" Zone from 3124' to 3138' exhibited a cream to tan, medium crystalline limestone, slightly fossiliferous, slightly oolitic porosity, cherty, light staining, slight odor present, no free oil.

The "B" Zone from 3140' to 3150' exhibited a cream to tan, cherty, medium crystalline limestone, slightly oolitic porosity, very slight odor, slight show of live oil, with medium staining.

The "C" Zone from 3157' to 3172' exhibited a cream to tan, medium crystalline limestone, slightly cherty, very slight odor, some live oil, with pinpoint porosity, no free oil.

The "D" Zone from 3172' to 3190' exhibited a cream to tan, medium crystalline limestone, slightly cherty, slight odor, slightly oolitic, pinpoint porosity, no free oil.

The "F" Zone from 3200' to 3208' exhibited a cream to tan, medium to fine crystalline limestone, slightly oolitic porosity, slightly cherty, light staining, no odor, no free oil.

The "G" Zone from 3210' to 3240' exhibited a cream to light, whitish, medium crystalline, slightly oolitic, with some pinpoint porosity, lightly stained, with slight odor, no free oil.

The "H" Zone from 3252' to 3266' exhibited a tan to white, fine to medium crystalline limestone, lightly stained, with slight odor, no free oil.

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LANISING LIME, cont.:

The "I" Zone from 3275' to 3288' exhibited a white, fine to medium crystalline limestone, pinpoint porosity, slight odor, with no free oil, good shows. Recommend opening this zone.

The "J" Zone from 3290' to 3308' exhibited a white to cream colored, medium crystalline limestone, pinpoint to oolitic porosity, slight odor, live oil, good shows. Recommend opening this zone.

The "K" Zone from 3314' to 3330' exhibited a white to cream, medium crystalline limestone, oolitic porosity, light to medium staining, slight odor, some live oil, no free oil, good shows. Recommend opening this zone.

The "L" Zone from 3306' to 3346' exhibited a white to cream, medium crystalline limestone, oolitic porosity, medium to heavy staining, some odor, some live oil, no free oil. Recommend opening this zone.

ARBUCKLE:

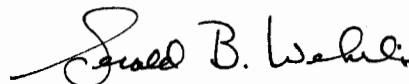
Dolomite - 3378 to T.D.

Showed a light tan, sucrosic, medium to coarse crystalline dolomite, with good intercrystalline porosity, fair odor, some free oil. Recommend opening this area.

CONCLUSIONS :

With regard to the well running high, the good samples in the lower Kansas City zones, and good shows in the Arbuckle, pipe was set on the Paul Dechant #5. Zones recommended for opening are noted in the above descriptions.

Respectfully submitted,



Gerald B. Wehrli

GBW/pmw