

J. R. GREEN
JERRY GREEN

GREEN & GREEN
CONSULTING PETROLEUM GEOLOGISTS

P. O. BOX 503 309 WEST 6th STREET
HAYS, KANSAS 67801

AREA CODE 913
825-9023 OR 625-5155

31-10-30W SEP
P1

May 15, 1982

GEOLOGIC REPORT

Don Pratt Oil Durwood-Beckman 1-31
440' Loc. in SE NW Sec. 31-10-30W
Sheridan County, Kansas
Commenced: 5/7/82
Completed: 5/14/82

Pipe Record:
8 5/8 @ 265' w/210 sks
D & A @ 4320 Base K.C.
Anhydrite: 2530-60
Drilled by: Murfin Rig #21

ELEVATION 2968 K.B.
2963 G.L. 2966 D.F.

FORMATION DATA
(Sample Tops)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA	- 795	3763
HEEBNER	-1016	3984
TORONTO	-1036	4004
LANSING-K.C.	-1055	4023
BASE KANSAS CITY	-1329	4297
R.T.D.	-1352	4320

Cores: None.
Drill Stem Tests: Three, see below.
Electric Logs: None.

State Geologist's Survey
June 10, 1982

SECTION 31 COMPARISON DATA

	<u>C NE SW</u>	<u>C NW SE</u>
Heebner	-1001	-1009
Toronto	-1020	-1027
Lansing-K.C.	-1042	-1048
Base Kansas City	-1313	-1325

FORMATION DESCRIPTIONS

TOPEKA 3763-3983:
There were no oil shows.

TORONTO 4004-4017:
There were no oil shows.

LANSING-KANSAS CITY 4023-4297:
A Bench 4023-46 There were no oil shows.

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STATE COMMISSIONER OF GEOSCIENCE
JUN - 7 1982
GEOLOGICAL DIVISION
Wichita, Kansas

31-10-30W 81
SEP

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B Bench 4053-67 A trace to minor free oil, staining and faint odor in a white to offwhite, chalky, fossiliferous limestone with intercrystalline porosity. This was included and condemned by D.S.T. No. 1.

C, D Bench 4071-92 A trace of free oil and staining in a tan to cream, fine crystalline, fossiliferous limestone. This was also included and condemned by D.S.T. No. 1.

DRILL STEM TEST No. 1 4040-4090:

Open 90 minutes, recovered 340' MW with scum of oil, flow pressures 25 to 202 pounds, 30 minute initial bottom hole pressure 1050 pounds, 30 minute final bottom hole pressure 991 pounds.

E, F Bench 4099-4122 A trace to minor free oil, staining and faint odor in a white to offwhite, fine crystalline, slightly chalky limestone, with intercrystalline porosity. Included and condemned by D.S.T. No. 2.

DRILL STEM TEST No. 2 4092-4125:

Open 45 minutes, recovered 15' mud. Flow pressures 39 to 39 pounds, 30 minute bottom hole pressure 54 pounds.

G Bench 4126-60 There were no oil shows.

H Bench 4167-87 A trace of light staining in a tan, fine crystalline, tight, fossiliferous limestone.

I Bench 4198-4213 Minor free oil, staining and faint odor in an offwhite to tan, fine crystalline, fossiliferous limestone with intercrystalline and pin point vugular porosity. This was included and condemned by D.S.T. No. 3.

J Bench 4222-42 Minor free oil, staining and fair odor in a white to gray, fine to medium crystalline, fossiliferous limestone with intercrystalline and vuggy porosity. This was also included in D.S.T. No. 3.

K Bench 4255-72 A trace of free oil and staining in a tan to gray, fine crystalline, tight fossiliferous limestone. Included in D.S.T. No. 3.

State Comptroller
Kansas

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Wichita, Kansas

31-10-30W P1 SEP

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L Bench 4282-97 A trace of free oil and light staining
in a tan, fine crystalline, tight limestone with pin
point vugular porosity. This was also included in
D.S.T. No. 3.

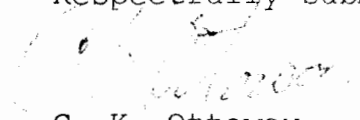
DRILL STEM TEST No. 3 4186-4320:

Open 90 minutes, recovered 60' mud. Flow pressures 101
to 126 pounds, 30 minute initial bottom hole pressure 697 pounds,
30 minute final bottom hole pressure 588 pounds.

RECOMMENDATIONS

It was recommended and confirmed to plug this well.

Respectfully submitted,



C. K. Ottaway
Green & Green

CKO/gc

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CONSERVATION DIVISION
Wichita, Kansas