

27-8-26W

J. R. GREEN  
JERRY GREEN

*Stats Geological Survey*  
WICHITA BRANCH

**GREEN & GREEN**  
CONSULTING PETROLEUM GEOLOGISTS

AREA CODE 913  
625-9023 OR 625-5155

P. O. BOX 503 309 WEST 6th STREET  
HAYS, KANSAS 67601

December 24, 1981

GEOLOGIC REPORT

Don Pratt Oil Oper. Robben 10-27  
440' FWL, 440' FNL SW/4 Sec. 27-8-26W  
Sheridan County, Kansas  
Commenced: 12/19/81  
Completed: 12/24/81

Pipe Record:  
8 5/8 @ 190' w/170 sks  
4 1/2 @ 3998' w/200 sks  
Anhydrite: 2201-34  
Drilled by: Murfin Rig 21

ELEVATION 2575 K.B.  
2570 G.L. 2573 D.F.

FORMATION DATA  
(Corrected to R.A. Log)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA . . . . .	- 923 . . . . .	3498
HEEBNER . . . . .	-1131 . . . . .	3706
TORONTO . . . . .	-1153 . . . . .	3728
LANSING-KANSAS CITY . . . . .	-1172 . . . . .	3747
BASE KANSAS CITY . . . . .	-1387 . . . . .	3962
R.T.D. . . . .	-1435 . . . . .	4010
L.T.D. . . . .	-1437 . . . . .	4012

Cores: None.  
Drill Stem Tests: None.  
Electric Logs: Petro Log R.A. Guard Caliper.

FORMATION DESCRIPTIONS

TOPEKA 3498-3705:  
There were no oil shows in this section.

TORONTO 3728-40:  
There were no oil shows in this section. Log calculations (3729-33) 15 to 14% porosity and 29 to 58% water saturation. This should be tested before abandoning well.

LANSING-KANSAS CITY 3747-3962:  
A Bench 3747-64 There were no oil shows in a white to offwhite, fine crystalline, fossiliferous, slightly chalky limestone. Calculation (3754-62) 6 to 11% porosity and 34 to 32% water saturation. This should be tested before abandoning well, based on log calculations.

27-8-26W

Don Pratt Oil Oper. Robben 10-27  
440' FWL, 440' FNL SW/4 Sec. 27-8-26  
Sheridan County, Kansas

page 2

B Bench 3774-82 A trace of free, tarry oil and asphaltic staining in a white to offwhite, fine crystalline, fossiliferous friable limestone. Log calculations (3775-79) 13 to 7% porosity and 32 to 48% water saturation. This should be tested before abandoning well.

C, D Bench 3790-3806 A trace of free oil, tarry residue and very faint odor in a white to offwhite, fine crystalline, fossiliferous, oolitic, slightly chalky limestone with intercrystalline and fossiliferous porosity. This was tight on log.

E, F, G Bench 3815-56 A trace of light staining in a tan to offwhite, fine crystalline, fossiliferous, slightly chalky limestone with intercrystalline porosity. Log calculations (3816-26) 9 to 13% porosity and 70 to 82% water saturation. This should be tested before abandoning well, based on production in the surrounding wells.

H Bench 3868-87 A trace of free oil, staining and faint odor in a tan to offwhite, fine crystalline, friable, sucrosic limestone with intercrystalline and pin point vugular porosity. Log calculations (3868-76) 15 to 9% porosity and 54 to 56% water saturation. This should be tested.

I Bench 3894-3900 There were no oil shows.

J Bench 3908-18 A trace of asphaltic staining in an offwhite to tan, fine to medium crystalline, fossiliferous, slightly chalky friable limestone with intercrystalline porosity. Log calculations (3908-10) 9% porosity and 53% water saturation. This should be tested before abandoning.

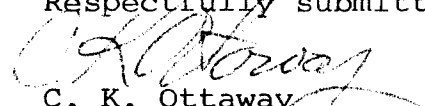
K Bench There were no shows in a white to offwhite, fine crystalline oolitic, tight, chalky to firm, limestone. This shows tight on log.

L Bench 3954-62 There were no shows in this section.

RECOMMENDATIONS

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

Respectfully submitted,

  
C. K. Ottaway  
Green & Green