

PI

29-11-19W

J. B. GREEN  
JERRY GREEN

**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 3, 1981

GEOLOGIC REPORT

Don Pratt Oil Oper. Soloman C 1-29  
SW SW NW 29-11-19W  
Ellis County, Kansas  
Commenced: 11/25/81  
Completed: 12/1/81

Pipe Record:  
8 5/8 @ 201' w/150 sks  
D & A @ 3720' Conglom.  
Anhydrite: 1470-1510  
Drilled by: Murfin Drlg.  
Rig #16

ELEVATION 2114 K.B.  
2109 G.L. 2112 D.F.

FORMATION DATA  
(Sample Tops)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA . . . . .	-1019 . . . . .	3133
HEEBNER . . . . .	-1244 . . . . .	3358
TORONTO . . . . .	-1263 . . . . .	3377
LANSING-K.C. . . . .	-1282 . . . . .	3396
BASE-K.C. . . . .	-1500 . . . . .	3614
MARMATON . . . . .	-1530 . . . . .	3644
CONGLOMERATE . . . . .	-1566 . . . . .	3680
R.T.D. . . . .	-1606 . . . . .	3720

Cores: None.  
Drill Stem Tests: Three, see below.  
Electric Logs: None. Strap 1.64 longer @ 3460'.

COMPARISON DATA

<u>Formation</u>	<u>NW NE SE</u> <u>Sec. 30-11-19</u>	<u>SW SE NE</u> <u>Sec. 30-11-19</u>	<u>NE NE SE</u> <u>Sec. 30-11-19</u>
Heebner	-1207	-1220	-1211
Lansing-K.C.	-1248	-1260	-1251
Marmaton	-1502	-1521	-1497
Arbuckle	-1555	-1619	-1561

FORMATION DESCRIPTION

TOPEKA 3133-3357:  
This section consisted of a series of mostly barren limestone and shale stringers.

TORONTO 3377-91:  
There were no oil shows.

RECORDED  
INDEXED  
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GEOLOGICAL SURVEY  
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LANSING-KANSAS CITY 3396-3614:

A, B Bench 3396-3422 A trace of light staining in a white to offwhite, fine crystalline, fossiliferous, chalky, cherty limestone. Included in D.S.T. No. 1.

C Bench 3431-45 A trace of free oil, and staining in a white to tan, fine crystalline, slightly oolitic, chalky, limestone with intercrystalline porosity. Included in D.S.T. No. 1.

D Bench 3450-63 A trace of free oil, staining and scattered asphaltic residue in a white to offwhite, fine crystalline, chalky to firm limestone. Included in D.S.T. No. 1.

DRILL STEM TEST No. 1 3386-3460:

Open 2 hours, recovered 130' muddy water. Flow pressures 54 to 94 pounds, 30 minute initial bottom hole pressure 819 pounds, 30 minute final bottom hole pressure 819 pounds.

E, F Bench 3468-86 A trace to minor free oil, staining and faint odor in a white to tan, fine to medium, mealy, fossiliferous, chalky limestone with intercrystalline and vuggy porosity. Included in D.S.T. No. 2.

G Bench 3490-3521 A trace of free oil, staining and faint odor in a white to offwhite, chalky, fossiliferous, fine crystalline limestone with intercrystalline and vuggy porosity. The upper 5' was included in D.S.T. No. 2.

DRILL STEM TEST No. 2 3459-3495:

Open 90 minutes, recovered 360' muddy water. Flow pressures 42 to 202 pounds. 30 minute initial bottom hole pressure 916 pounds, 30 minute final bottom hole pressure 867 pounds.

H Bench 3527-44 A trace of free oil and staining in a tan to gray, fine crystalline chalky to firm tight sucrosic limestone. Included in D.S.T. No. 3.

I, J Bench 3549-77 Minor free oil, staining and good odor in a white to tan, fine to medium crystalline, fossiliferous, slightly chalky limestone with intercrystalline and vuggy porosity. Included in D.S.T. No. 3.

STATE OF KANSAS COMMISSIONER OF GEOLOGY

1938

CONSERVATION DIVISION  
 WICHITA, KANSAS

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DRILL STEM TEST No. 3 3520-3580:

Open 90 minutes, recovered 60' mud with few oil spots. Flow pressures 58 to 67 pounds. 30 minute initial bottom hole pressure 966 pounds, 30 minute final bottom hole pressure 731 pounds.

K Bench 3582-98 A trace of free oil, staining and faint odor in a white to offwhite, fine crystalline, oolitic, fossiliferous tight limestone with inter-crystalline and vuggy porosity.

L Bench 3603-3614 There were no oil shows.

MARMATON CHERT 3644-64:

There were no oil shows in a white, chalky, cherty, fine crystalline limestone.

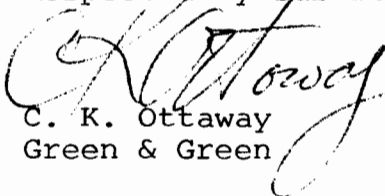
CONGLOMERATE 3680-T.D.:

A trace of free (tarry) oil and asphaltic staining in a weathered, varicolored, cherty, shales and limestones. Did not warrant testing.

RECOMMENDATIONS

Based on drill stem tests, structural position to surrounding wells and samples, it was recommended and confirmed to plug and abandon this well.

Respectfully submitted,

  
C. K. Ottaway  
Green & Green

CKO/gc

RECEIVED  
OCT 29 1964

3700-0-0

GREEN & GREEN  
OIL FIELD ENGINEERS