

J. R. GREEN  
JERRY GREEN

**GREEN & GREEN**  
CONSULTING PETROLEUM GEOLOGISTS

AREA CODE 913  
625-9023 OR 625-5155

10-11-22W

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

October 22, 1981

GEOLOGIC REPORT

Don Pratt Oil Oper. Gagleman #2-10  
SE SW SW 10-11-22W  
Trego County, Kansas  
Commenced: 10/14/81  
Completed: 10/21/81

Pipe Record:  
8 5/8 @ 206' w/165 sks  
D & A @ 3850 Cong.  
Anhydrite: 1615-60  
Drilled by: Murfin Drlg.  
Rig #15

ELEVATION 2157 K.B.  
2152 G.L. 2155 D.F.

FORMATION DATA

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA . . . . .	-1028 . . . . .	3185
HEEBNER . . . . .	-1241 . . . . .	3398
TORONTO . . . . .	-1263 . . . . .	3420
LANSING-KANSAS CITY . . . . .	-1276 . . . . .	3433
BASE KANSAS CITY . . . . .	-1517 . . . . .	3674
MARMATON CHERT . . . . .	-1591 . . . . .	3748
R.T.D. . . . .	-1693 . . . . .	3850

Cores: None.  
Drill Stem Tests: Four, see below.  
Electric Logs: None. Pipe Strap 1.33 more @ 3517'.

FORMATION DESCRIPTION

TOPEKA 3185-3397:  
This section consisted of a series of barren limestone and shale stringers.

TORONTO 3420-28:  
There were no oil shows in this section.

LANSING-KANSAS CITY 3433-3674:  
A, B Bench 3433-63 A trace of light staining in a white to offwhite, fine crystalline, fossiliferous, cherty limestone. Included in D.S.T. No. 1.  
C Bench 3471-86 A trace of free oil and staining in a white, fine crystalline, fossiliferous, slightly chalky, oolitic limestone. Included in D.S.T. No. 1.

RECEIVED  
NOV 17 1981  
CONSERVATION DIVISION  
Wichita, Kansas

10-11-22W

Don Pratt Oil Oper., Gagleman #2-10  
SE SW SW 10-11-22W  
Trego County, Kansas

page 2

D Bench 3491-3502 A trace to minor free oil and staining in an offwhite, fine crystalline, fossiliferous limestone with intercrystalline porosity. Included in D.S.T. No. 1.

DRILL STEM TEST No. 1 3428-3500:

Open 90 minutes, recovered 75' muddy water, flow pressure 104 to 104 pounds, 30 minute initial bottom hole pressure 1209 pounds, 30 minute final bottom hole pressure 1059 pounds.

E, F, G Bench 3505-65 A trace to minor show of free oil and staining in a white to offwhite, fine crystalline chalky limestone. Included in D.S.T. No. 2.

DRILL STEM TEST No. 2 3499-3540:

Open 90 minutes, recovered 315' muddy water. Flow pressures 42 to 185 pounds, 30 minute initial bottom hole pressure 924 pounds, 30 minute final bottom hole pressure 876 pounds.

H Bench 3576-89 A trace of free oil and light staining in a tan, fine crystalline to granular limestone. Included in D.S.T. No. 3.

I Bench 3591-3607 A trace of staining in a white to offwhite, fine crystalline, fossiliferous, oolitic, slightly chalky limestone. Included in D.S.T. No. 3.

J Bench 3611-21 A trace of staining in a white, chalky limestone. Included in D.S.T. No. 3.

K Bench 3637-49 A trace of free oil and staining in a white to offwhite, fine crystalline, tight, fossiliferous limestone. Included in D.S.T. No. 3.

L Bench 3663-74 A trace of light staining in a tan to gray, fine crystalline limestone. Included in D.S.T. No. 3.

DRILL STEM TEST No. 3 3563-85:

Open 45 minutes, recovered 25' mud. Flow pressures 76 to 76 pounds, 30 minute bottom hole pressure 151 pounds.

MARMATON CHERT 3748-80:

A trace of free oil, and staining in a tan, fine to medium crystalline, varicolored chert. Included in D.S.T. No. 4.

RECEIVED  
STATE CONSERVATION COMMISSION

NOV 17 1981

CONSERVATION DIVISION  
Wichita, Kansas

10-11-22W

Don Pratt Oil Oper. Gagleman #2-10  
SE SW SW 10-11-22W  
Trego County, Kansas

page 3

DRILL STEM TEST No. 4 3727-85:

Open 45 minutes, recovered 15' mud. Flow pressures 56 to 56 pounds, 30 minute bottom hole pressure 250 pounds.

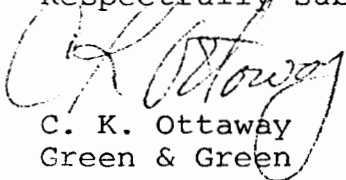
CONGLOMERATE 3805-T.D.:

Varicolored chert and red and brown shales. No shows.

RECOMMENDATIONS

It was recommended and confirmed by all parties to plug and abandon this well.

Respectfully submitted,

  
C. K. Ottaway  
Green & Green

CKO/gc

RECEIVED  
STATE COMMISSION  
NOV 5 7 1981  
CONSERVATION DIVISION  
Wichita, Kansas