

2 -10-22W

J. R. GREEN
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GREEN & GREEN
CONSULTING PETROLEUM GEOLOGISTS

AREA CODE 913
625-9023 OR 625-5155

State Geological Survey
WICHITA BRANCH

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

October 31, 1981

GEOLOGIC REPORT

Don Pratt Oil Oper. Gustafson 3-2
C SW/4 2-10-22W
Graham County, Kansas
Commenced: 10/23/81
Completed: 10/30/81

Pipe Record:
8 5/8 @ 206' w/160 sks
D & A @ 3954 Congl.
Anhydrite: 1842-78
Drilled by: Murfin Rig 15

ELEVATION 2339 K.B.
2334 G.L. 2337 D.F.

FORMATION DATA
(Corrected to R.A. Log)

<u>FORMATION</u>	<u>MINUS DATA</u>	<u>DEPTH</u>
TOPEKA	- 995	3334
HEEBNER	-1203	3542
TORONTO	-1225	3564
LANSING-K.C.	-1239	3578
BASE KANSAS CITY	-1475	3814
MARMATON CHERT	-1536	3875
CONGLOMERATE	-1565	3904
R.T.D.	-1615	3954
L.T.D.	-1618	3957

Cores: None.

Drill Stem Tests: Four, see below.

Electric Logs: Petro Log R.A. Guard Comp. Density, Linear
Neutron, C.P.I.

FORMATION DESCRIPTIONS

TOPEKA 3334-3541:

There were no shows in this section.

TORONTO 3564-74:

There were no shows in this section.

LANSING-KANSAS CITY 3578-3814:

A, B Bench 3578-3610 A trace of free oil and staining
in a white to offwhite, fine crystalline, fossiliferous,
oolitic, slightly chalky limestone. Included in D.S.T. No. 1.

C Bench 3624-32 A trace of staining in a tan to gray,
fine crystalline, tight limestone. Included in D.S.T. No. 1.

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D Bench 3639-48 No shows in this tight, fine crystal-
line limestone. Included in D.S.T. No. 1.

DRILL STEM TEST No. 1 3570-3640:

Open 60 minutes, recovered 65' mud. Flow pressures 76 to
97 pounds, 30 minute initial bottom hole pressure 974 pounds, 30
minute final bottom hole pressure 963 pounds.

E Bench 3651-62 No shows in this section.

F Bench 3670-77 A trace to minor free oil, staining and
faint odor in an offwhite to tan, fine crystalline, tight,
cherty, limestone. Included in D.S.T. No. 2.

G Bench 3682-3708 A trace of free oil and staining in a
white to offwhite, fine crystalline, fossiliferous,
oolitic, tight limestone. Included in D.S.T. No. 2.

DRILL STEM TEST No. 2 3639-85:

Open 30 minutes, recovered 20' mud. Flow pressures 54 to
54 pounds. 30 minute initial bottom hole pressure. No pressure.

H Bench 3718-31 A trace of free oil and dark asphaltic
staining in an offwhite to gray, fine crystalline,
fossiliferous, tight, dense limestone, with inter -
crystalline porosity. Included in D.S.T. No.3.

I Bench 3740-51 A trace of light staining in a tan to
buff, fine crystalline, tight limestone. Included in
D.S.T. No. 3.

J Bench 3756-70 Minor free oil, staining and faint odor
in a white to offwhite, fine crystalline, slightly chalky,
tight limestone with pin point vugular porosity. Included
in D.S.T. No. 3.

DRILL STEM TEST No. 3 3700-3770:

Open 15 minutes, recovered 5' mud. Flow pressures 65 to
76 pounds, 30 minute shut in pressure 564 pounds.

K Bench 3782-95 A trace of dark asphaltic residue in a
white to tan, fine to medium crystalline fossiliferous
limestone.

L Bench 3802-14 A trace of staining in an offwhite to
gray, fine crystalline, fossiliferous, slightly chalky
limestone. Did not warrant testing.

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MARMATON CHERT 3875-96:

A trace of free oil, staining and faint odor in a weathered, sucrosic, buff colored limestone and varicolored chert. Included in D.S.T. No. 4.

DRILL STEM TEST No. 4 3855-3920:

Open 15 minutes, recovered 10' mud. Flow pressures 65-76 pounds. 30 minute initial bottom hole pressure 693 pounds.

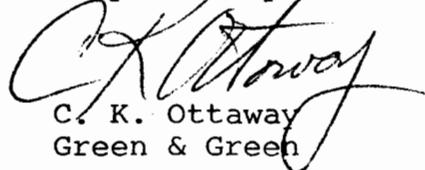
CONGLOMERATE 3904-T.D.:

No shows in a varicolored cherty shale.

RECOMMENDATIONS

Based on drill stem tests, samples and logs, it was recommended and confirmed to plug and abandon this well.

Respectfully submitted,


C. K. Ottaway
Green & Green

CKO/gc

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