

ST. MARY'S MOVIES

Tuesday, April 24th, 1923 8.15 P. M.

JACK PICKFORD

IN

"BILL APPERSON'S BOY".

6 REEL DRAMA.

PRICES:

Reserved Seats 25c.
General Admission 15 & 10c.

Publication.

IT is hereby brought to public notice that the Government has, this date, authorized the Reverend THOMAS GUMMER, C.S.S.R., to perform civil-religious functions in the Municipality of Saint Croix.

Government of the Virgin Islands
of the United States, Saint Croix,
19 April, 1923.

J. J. GAFFNEY,
Government Secretary.

CARD OF THANKS.

*Mr. Quincy Adams and family
beg to express their sincere thanks
for all sympathy shown them in
their late sad bereavement.*

LOCAL

1 1/2 line of rain was measured at the Fort this morning.

S. S. Marina arrived here at 2.30 p. m. on Saturday, landed passengers, cargo and forty bags mail, and sailed for Frederiksted an hour later.

The Industrial Band delivered a popular concert last night, which was appreciated by a large gathering assembled.

The Christiansted Theatre is offering this evening a complete drama entitled "Handcuffs or Kisses"; see program on first page of this issue.

Attention is invited to the correspondence in this issue from Prof. of Geology, Kemp. A water supply for St. Croix is now, more than ever, one of the vital questions touching this island's welfare.

The farewell sermon of Rev. A. E. Jensen at the morning service of the

Lutheran church yesterday was largely attended and feelingly received by the congregation on whose behalf the clerk, Mr. Alex. Creagh, read a parting address and presented a purse the acceptance of which was acknowledged by Rev. Jensen in appropriate terms. The address was enclosed in a red satin case with the ministers initials A. E. J. embroidered in white. Well chosen music, and singing by the choir added much to the impressiveness of this touching occasion.

It is understood that Mr. H. Berg will stand for election for Christiansted country district, and Mr. D. Hamilton Jackson for Frederiksted town in the forthcoming elections for members for the Colonial Council.

From the Postal Bulletin of the 13th, inst., it is noted that on the 11th a fraud order was issued against Einar Mikkelsen, Valke Torffsgade 13, Copenhagen K., Denmark, and that all mail addressed to this party will be returned to senders stamped "Fraudulent: Mail to this address returned by order of Postmaster General."

JAMES F. KEMP
32 NASSAU ROAD
GREAT NECK, N. Y.

CHRISTIANSTED, ST. CROIX, V. I.,
March 25th, 1923

H. H. HOUGH
Captain, U. S. N.,
Governor, Virgin Islands.

SIR:

In accordance with our conference and your request of March 10, I have the honor to submit the conclusions which I have reached regarding the water supply of St. Croix from subterranean sources. The problem of underground water supply turns upon the local geology. Therefore by way of introduction I summarize the formations and structure.

There are two sharply contrasted geological formations, of different character and age - an older series which I will call the Mount Eagle Series; and a later which I will call the Kingshill Series.

[SCHOOL ATTENDANCE REPORT No. 32.
Week Ending April 20, 1923.
Municipality of St. Croix.

School	Class	Percent of Pupils not tardy.	Percent of Attendance.
Frederiksted	Senior High	93.00	100.00
Christiansted	Jr. High	99.09	100.00
La Vallee	Rural	100.00	100.00
Frederiksted	Public	91.56	99.70
Frederiksted	Jr. High	95.43	99.05
La Princess	Rural	100.00	97.27
Peter's Rest	Rural	100.00	96.60
Friedensfeld	Rural	94.45	95.75
Diamond	Rural	100.00	95.74
Christiansted	Public	97.35	95.16

THE MOUNT EAGLE SERIES consists almost entirely of fragmental volcanic rocks, such as are yielded by explosive outbreaks and are scattered far and wide from the vent. The particles are generally small in St. Croix and where they have fallen in the sea and have been deposited in beds by the waters, they present a stratified appearance and resemble ordinary sediments. They are, however, now compacted and hardened to a very dense rock. In a few places, notably in the Salt River Hills and the Mount Eagle range, coarse fragments up to several inches in diameter are mingled with the fine volcanic ash. In a few places solid rock from lava flows or intrusive dikes is also involved.

Obviously there were a few intervals between explosive outbreaks when animal life in the form of corals and small organisms with calcareous shells could live on the sea bottom and furnish from their hard parts the material for a relatively small development of limestone which is interstratified with the other beds.

These older strata of the Mount Eagle series have experienced great disturbances such as accompany mountain upheavals and are now tilted from their original horizontal position to prevalently steep inclinations. The inclinations range most frequently from sixty degrees with the horizontal to the vertical. Rarely they are below forty-five. As a whole the series consists of dense rocks, not at all porous or open-textured and the chief cavities in which water might gather are fortuitous cracks and joints; which might indeed be locally more abundant than elsewhere, but which cannot be foreseen from the surface.

The later or KINGSHILL series rests upon the upturned edges of the older Mount Eagle series and was deposited upon them after the tilting and disturbances which the Mount Eagle suffered and long after cessation of volcanic activities. The Kingshill series consists of white or cream colored, soft limestones, chalky beds and marls. I have only once seen a bed which was at all sandy. The strata are not very permeable to water; by no means so much so