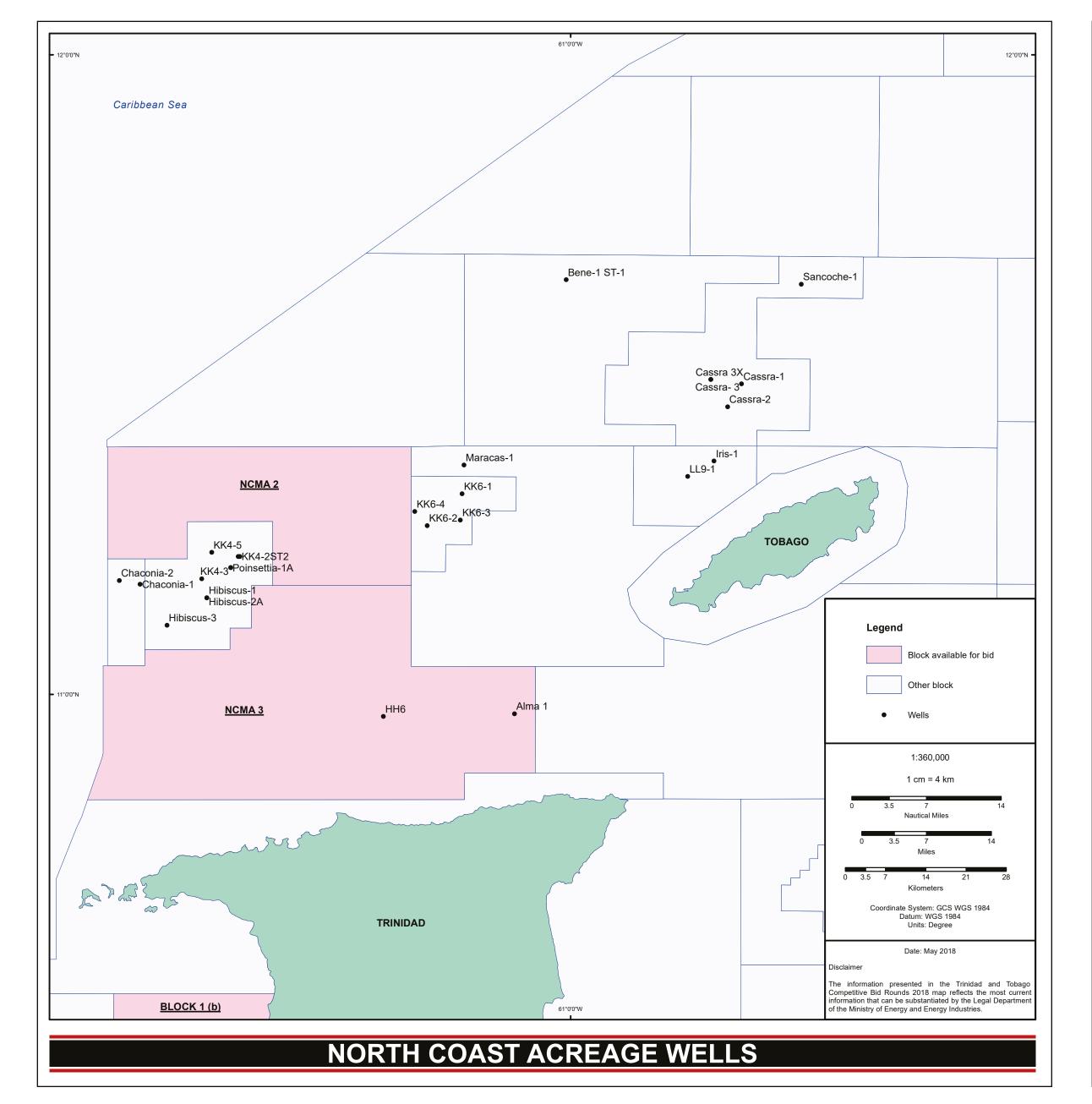
NORTH COAST MARINE AREA



SUMMARY OF AREA

- NCMA had major commercial discoveries since 1971.
- The dataset over the area consists of 27 wells, approximately 3700 km² of 3D seismic, with vintages as recent as 2015, and 2D seismic data.
- Major discoveries have proven the presence of a dry gas petroleum system in NCMA 1, Block 9, NCMA 4 and Block 22.
- The cumulative production of NCMA 1 is 1.8 tcf to date.

General intersection

1862

7130

1821 7914 General intersection General intersectio

1903 6<u>3</u>48

All of these blocks are in close proximity to the NCMA 2 and NCMA 3 acreage.

THE PETROLEUM SYSTEM

- Produced biogenic gas, >99% dry methane gas.
- Shelf reservoirs, charged by intraformational shale; which also act as seals.

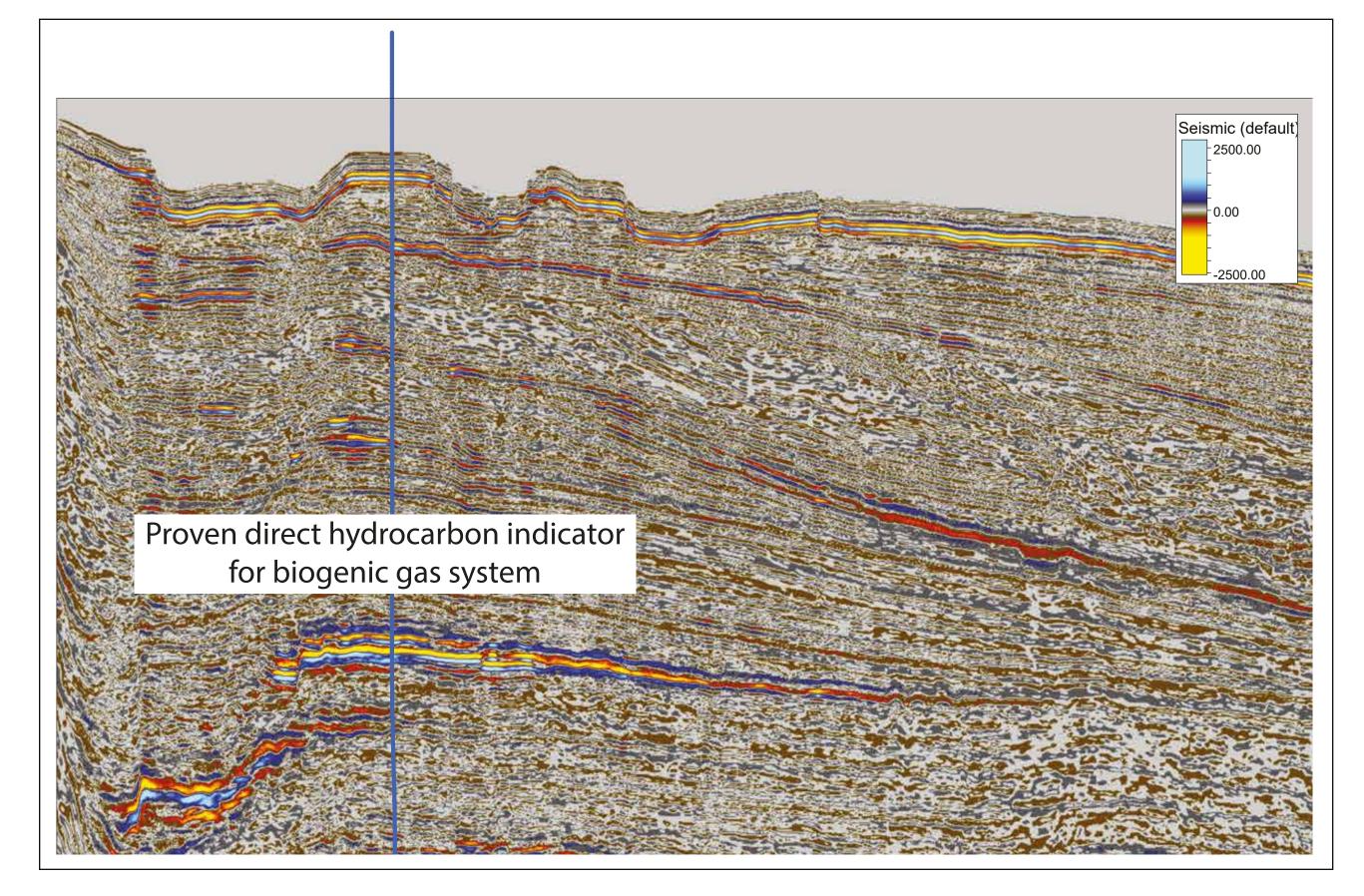
1575 12610 1616 11826

1657 11044

- Traps are mainly structural/stratigraphic combination.
- Migration along carrier beds and non-sealing faults.

nline 4106 General intersection

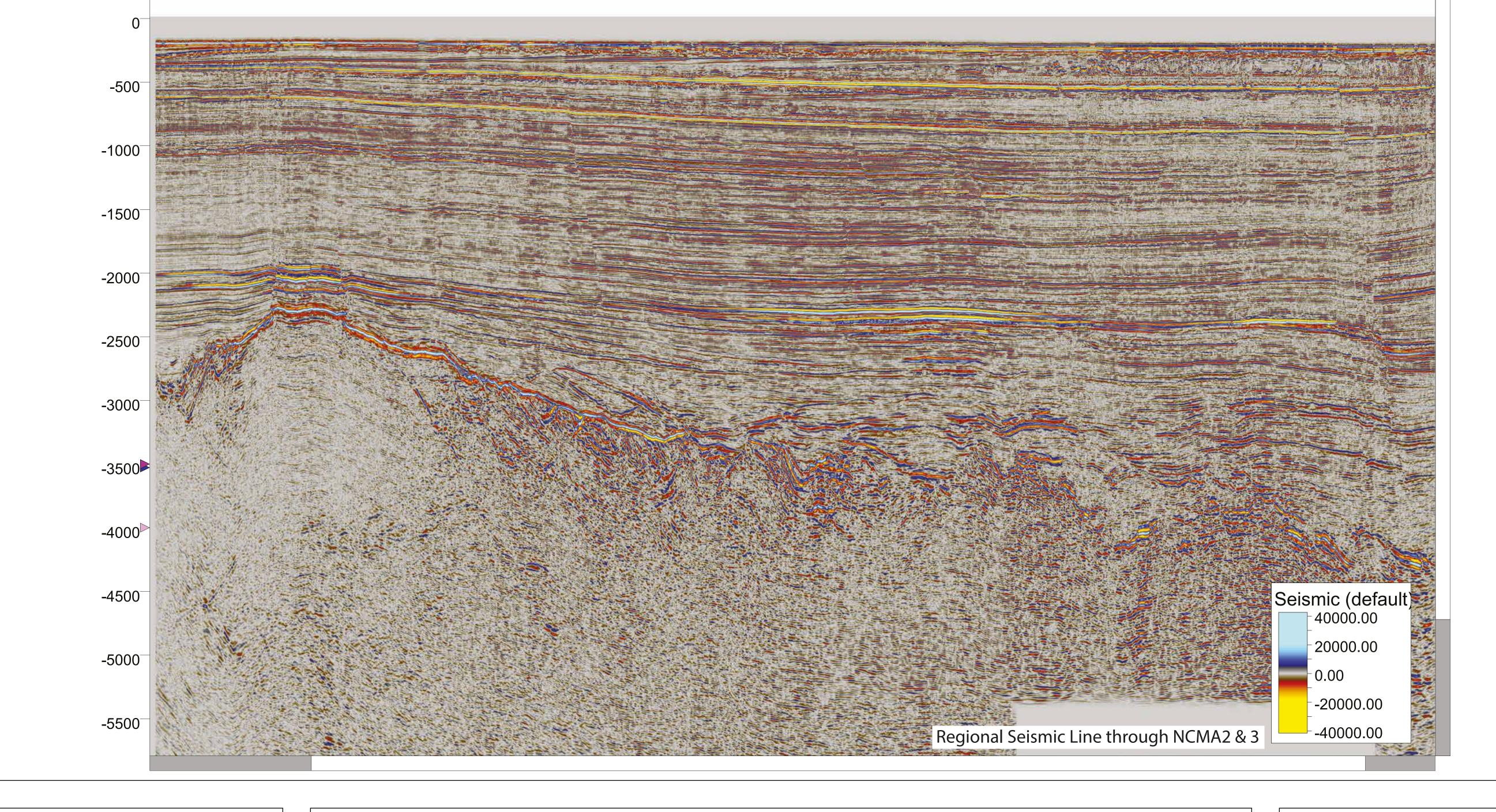
al intersectionGeneral intersection 1370 1515 13216 13164



765

General intersection General intersection

1944 5566



XLine 9200

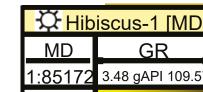
1739 9478

1698 10262 XLine 9200 General intersection

1780 8696







4000

5000

6000

7000

9000

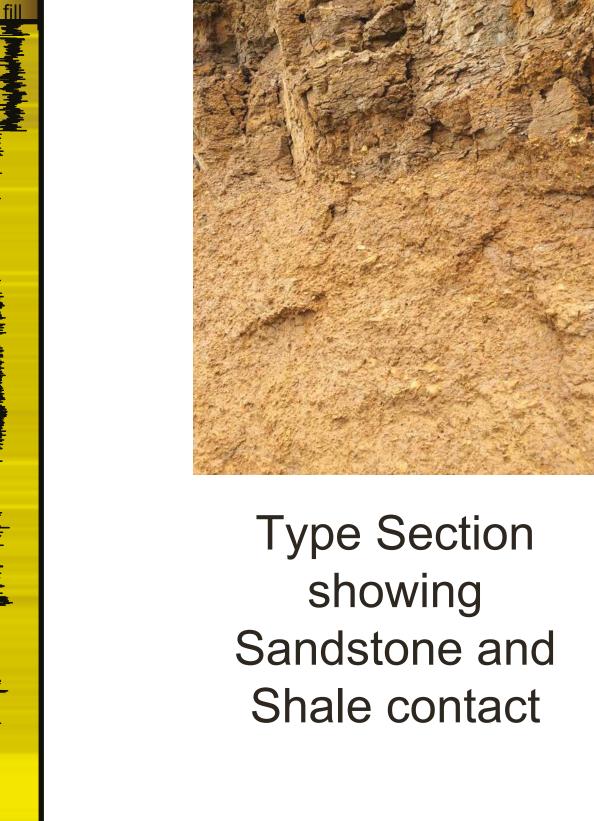
1000





- Wells drilled to the basement (Hibiscus-1, HH6-2) encountered a permeale basal conglomerate.
- Basement complex which consists of schists and igneous rocks.

Rockly bay Formation Type Section Basal conglomerate



- Intraformational shales act as lateral and top seals.
- Allows accumulation of gas with column heights up to 55 feet (Hibiscus NCMA 1).

EXISTING INFRASTRUCTURE AVAILABLE

- Two Natural Gas Platforms at approximately 160 m waterdepth with average separator capacity of 330 and 525 mmscf/d.
- Two natural Gas Pipelines (20" and 24") with 330 and 525 mmscf/d.