

Roadmap to Farm-in and JOA

The Virtual Data Room allows access to G&G data of all nearshore blocks. **VDR access link:** <http://www.lynxinfo.co.uk/vdr.html>



Schedule

Open VDR: 1 October 2016 | Close VDR: 30 March 2017 | Closing date farm-in offers: 28 April 2017

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February 2017



STAATSOLIE

SURINAME

FARM-IN OPPORTUNITIES

BLOCKS B & C

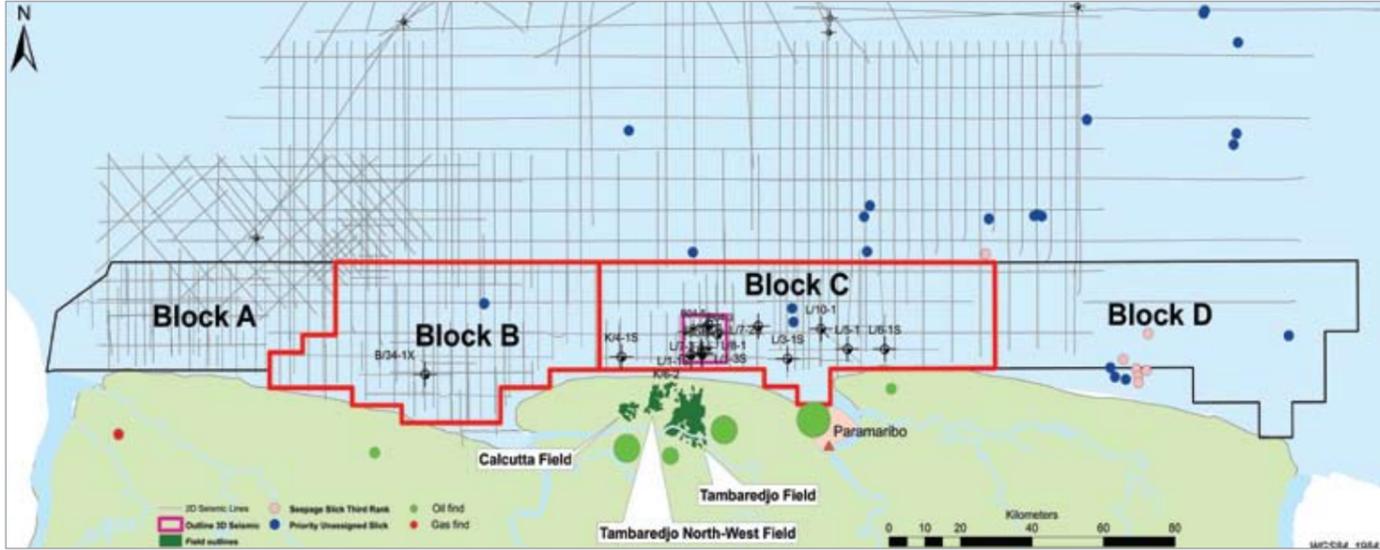


Introduction

Staatsolie's three onshore oil fields Calcutta, Tambaredjo and Tambaredjo North-West located in the district of Saramacca produce approximately 17,000 barrels of crude oil per day. The Saramacca Crude is refined at Staatsolie's refinery that produces different grades of fuel oil, premium diesel, gasoline and bitumen. Most of the refined products are sold locally, while the surplus is exported to the Caribbean.

Farm-in Blocks

Staatsolie is seeking Joint Venture partners for exploration and subsequent production of Block B and Block C. These blocks are part of our shallow offshore acreage, located just north of Suriname's coastal zone and Staatsolie's producing fields. Water depths range from 0 to 30 meters. Staatsolie executed a number of exploration programs between 2012 and 2015 involving 2D and 3D seismic surveys and drilling of 5 exploration wells with encouraging results.



Source Rocks

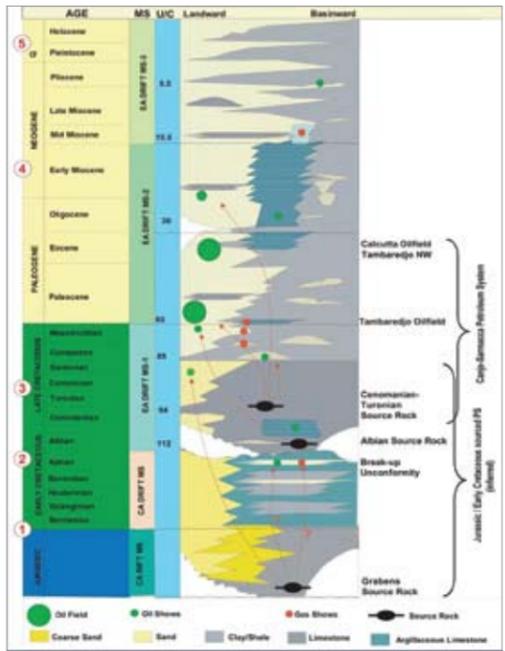
The nearshore reservoirs are primarily of Paleocene age, charged by the proven Cenomanian-Turonian source rock, which is equivalent of the Naparima Hill and La Luna Source rocks. The Cretaceous reservoirs are likely charged by older source rocks (Albian and Jurassic).

Reservoir & Seals

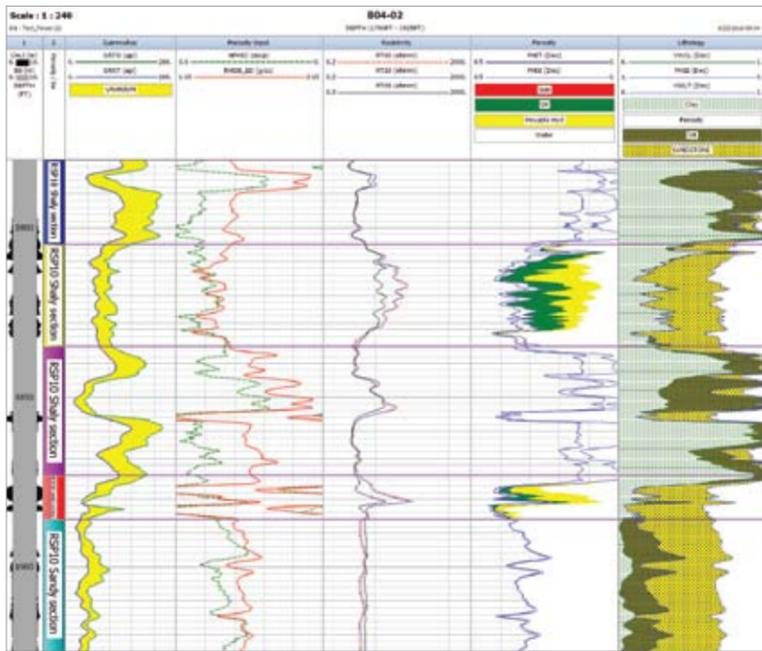
The majority of the oil encountered in the wells occur in the Paleocene reservoirs, which are equivalent to the producing reservoirs onshore. The reservoir thickness ranges from 15 ft. to 100 ft. Porosities range between 30% and 40%. The main seal is a marine shale with an average thickness of 150 ft.

Depositional Environment

In general, the Paleocene nearshore sediments have been deposited under fluvial to shallow marine conditions in a transgressive system. The Gross Depositional Environment information (GDE) is based on well data, such as cuttings, side wall cores, biostratigraphy and wireline logs. GDE is available for all zones of interest.

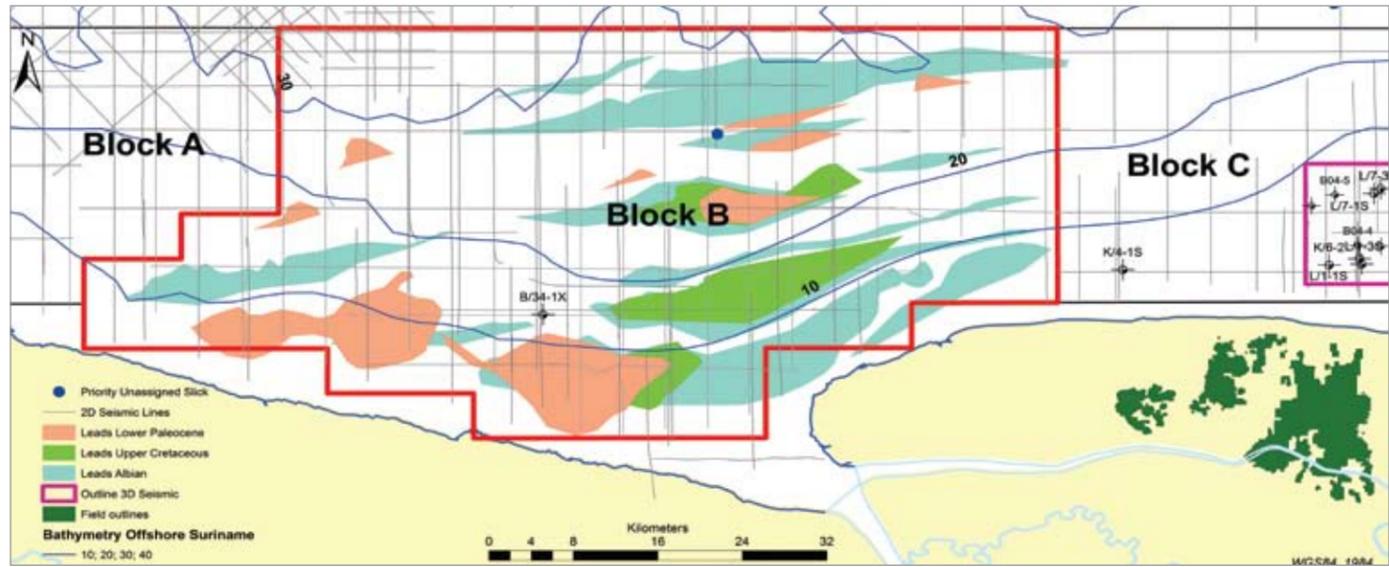


Stratigraphic column of the basin (Suriname area).



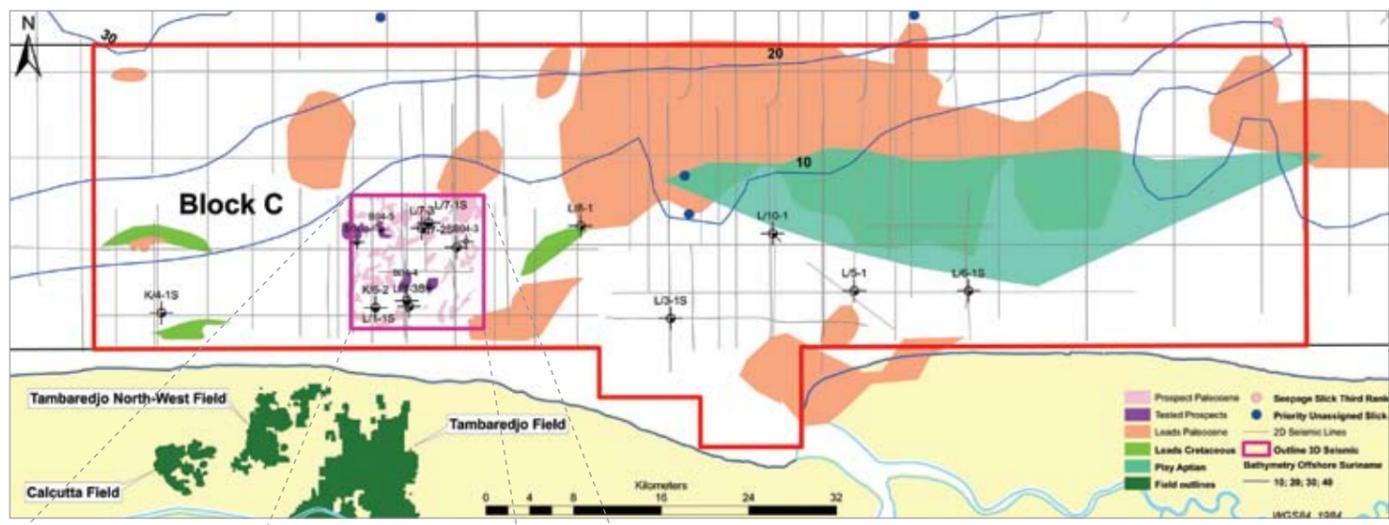
Petrophysical evaluation of a reservoir in the nearshore (Block C) showing oil saturation and lithology.

Block B



Area:	approximately 2,886 km ²	Plays:	Fault bounded and pinch-outs
Well data:	one exploration well drilled in 1982	Leads:	25 leads identified on 2D seismic
Seismic data:	1,840 km 2D	Resource potential:	~300-915 MMbbls (prospective resources)
Location:	Northwest of the producing fields		

Block C



Area:	approximately 3,220 km ²	Plays:	Fault bounded, pinch-outs, four way closures and isolated sand bodies
Well data:	17 wells (5 drilled in 2015)	Leads:	15 leads identified on 2D seismic
Seismic data:	150 km ² 3D, 1,670 km 2D	Prospects:	58 prospects (within 3D)
Location:	North of producing fields	Oil indications:	Paleocene and Cretaceous
Resource potential:	3D area: <ul style="list-style-type: none"> ◆ 8 MMbbls contingent resources ◆ 57 MMbbls prospective resources 2D area: ~70-350 MMbbls prospective resources		

