

# 1<sup>st</sup> Licensing Round of the Dominican Republic

Announced by the Ministry of Energy and Mines



# Welcome from Antonio Isa Conde, Minister of Energy and Mines for the Dominican Republic.

Thank you for your interest in the Dominican Republic. Our nation has long been a destination for world travellers, enjoying our climate, our beaches and wildlife, and everything that the Dominican Republic has to offer. From a business point of view we have seen strong and sustained economic growth in recent years, and are proud of our communications and transportation infrastructure, all of which, we believe, will encourage interest from the international exploration community.



We are stepping forward into virgin territory, but are optimistic about the level of interest already shown by international companies and investors. We have worked hard to create an attractive, progressive fiscal regime, a robust, flexible contract, and have made all data freely available, in order to ensure that investment in the Dominican Republic will deliver low risk but high value to investors and their stakeholders. In return, we see an opportunity to further increase the recent growth in our economy, to provide new opportunities for our workforce, and strengthen our emerging role as a pivotal nation in the Caribbean region.

Geological studies and nearby exploration have demonstrated prospectivity in the blocks that we are offering in this 1st Licensing Round, and that our position in this geologically interesting part of the world will lead to some exciting discoveries and profitable production in the future.

I and my colleagues welcome you to the launch, to the Licensing Round process, and to the Dominican Republic.

Warmest regards

Antonio Isa Conde  
Minister of Energy and Mines, Dominican Republic

# Introduction to the 1st Dominican Republic Licensing Round

The Dominican Republic occupies the eastern 5/8ths of the island of Hispaniola, in the Greater Antilles archipelago of the Caribbean region. It is the second largest Caribbean nation by area, and third by population. Its capital, Santo Domingo, is home to approximately three million people.

As the most visited destination in the Caribbean, the Dominican Republic is known for its beaches, resorts and golfing. It has geographically diverse terrain, with rainforest, savannah and highlands, including the Caribbean's tallest mountain, Pico Duarte, and the Caribbean's largest lake and lowest point of elevation, Lake Enriquillo. With temperatures averaging 26° C/78.8° F, and wide climatic and biological diversity, the nation has long been a favourite with tourists from all over the world. In addition, the Dominican Republic is an attractive and desirable country for international investment that goes beyond known tourism.

## Why the Dominican Republic?

### Favourable Business Environment

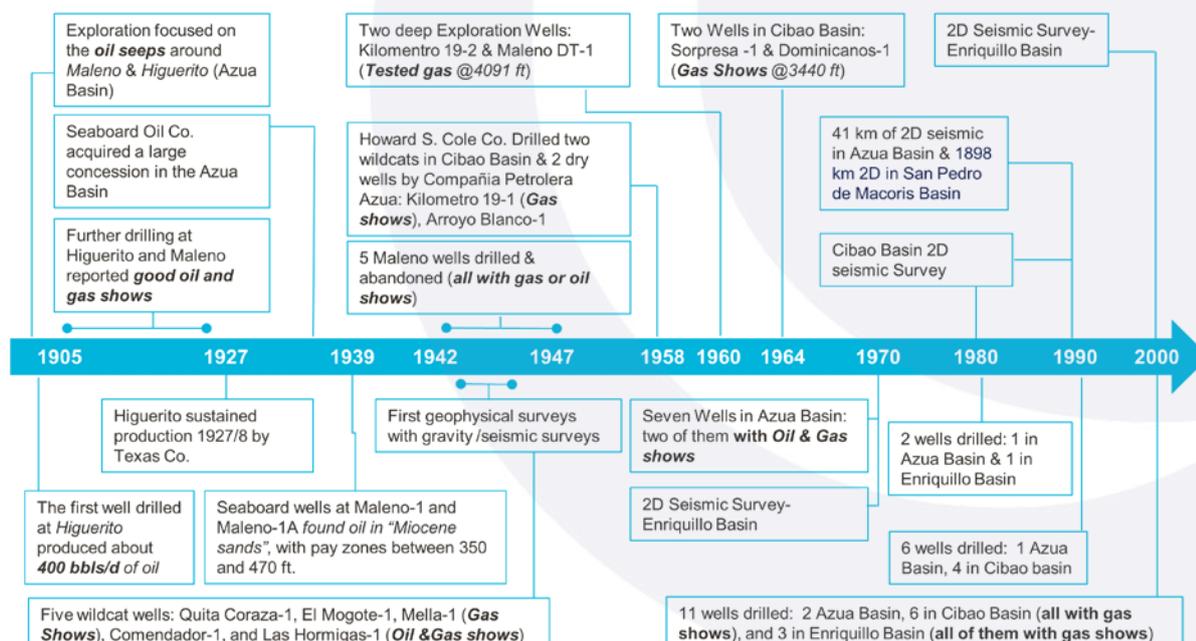
Dominican law establishes equal treatment for all domestic and foreign investors, allowing the participation of international companies in all economic sectors, excluding defense and national security. Investors will have access to preferential markets through the free trade agreement, The Agreement of Economic Association with the European Union, Central America and the United States. Located in the Caribbean, the Dominican Republic is an important commercial link between Europe, North America and the rest of Latin America.

The Dominican Republic has a world-class road circuit that connects all regions of the country, boosting economic activity and enabling investors to build the required infrastructure. With 8 international airports, 12 maritime ports and 3 cruise ports, the country is emerging as an important logistics center for the Caribbean region.

### Dominican Republic Exploration History

The presence of crude in the Dominican Republic has been known for decades, as evidence by the black gold that oozes out of a pit in Charco Largo, Azua (south). Three onshore Neogene clastic basins have been the focus of petroleum exploration, and oil seeps as far back as 1905 led to a well being drilled at Higuierito, reportedly producing about 40 bbls/day of oil, although sustained production was not obtained until 1927/8 by Texas Co.

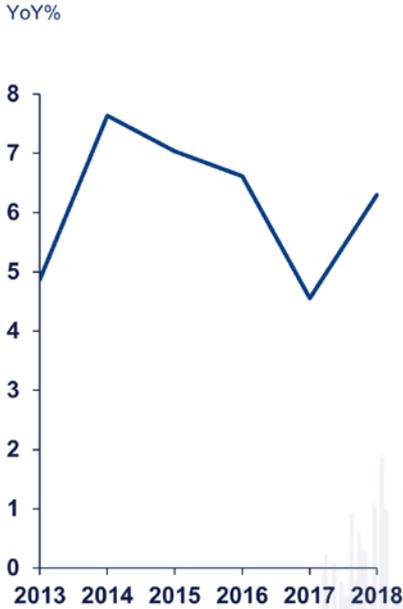
The first geophysical surveys (gravity, seismic) over selected surface structures were carried out during World War II, and further, more modern seismic surveys were carried out during the 1980's and 1990's, leading to drilling in the Azua, Cibao, and Enriquillo Basins.



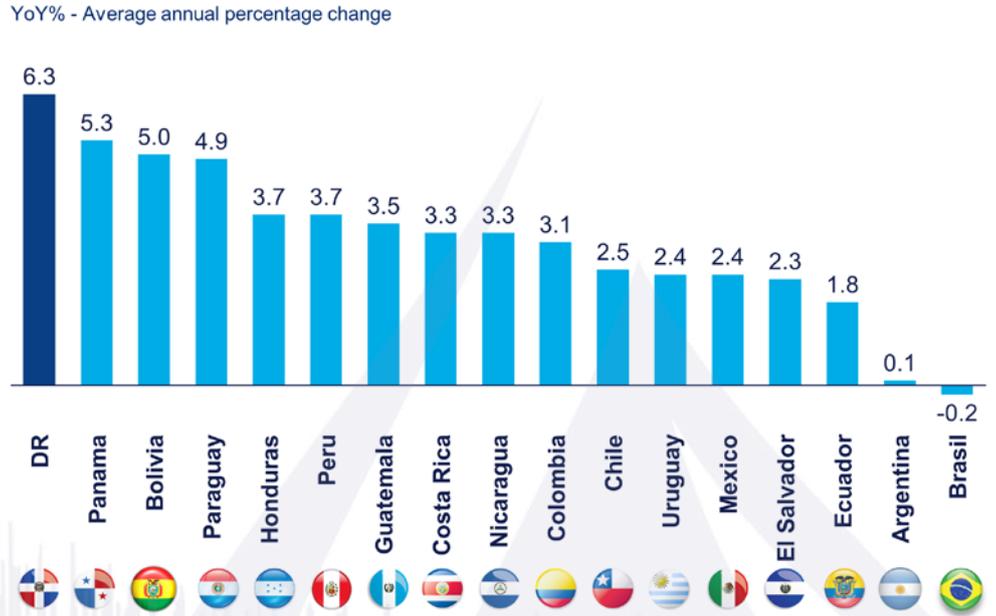
# Macro Economics

The Dominican Republic has enjoyed strong economic growth in recent years, averaging 6.3 percent per year between 2014 and 2018, fuelled by robust domestic demand. It was the fastest-growing Latin American economy over that five-year period. This sustained growth has reduced poverty and inequality, and, following the elections in 2016, the government has put an even greater focus on equity and inclusion, human capital, natural resource management and competitiveness. Currently, the Dominican Republic has a growing middle class and a stable, democratic government system.

**GDP Growth**



**Latin America Real GDP Growth 2013-2018**

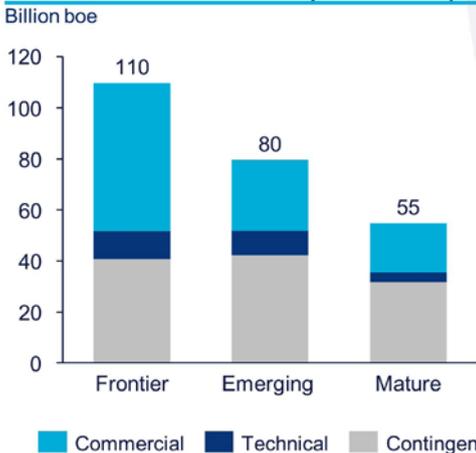


## Frontier Basin Opportunity

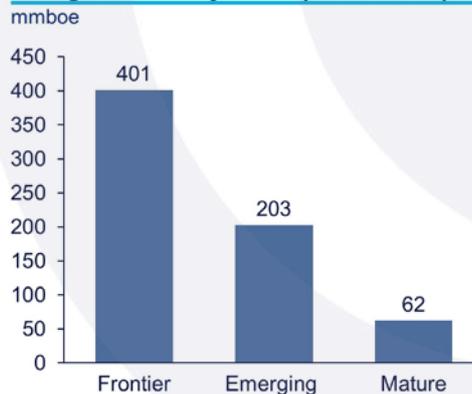
Conventional exploration in frontier basins has proven to deliver stronger results than in emerging and mature basins. For early entrants, this has shown to deliver the most value – most commercial volumes discovered are from frontier exploration.

The blocks are larger compared with emerging or mature blocks, and generally, discovery sizes in frontier areas tends to be larger. The blocks are varied – a mixture of onshore and offshore, and there is high potential for multiple prospects in this region. For a solid E&P portfolio mix, the Dominican Republic offers a variety of opportunities.

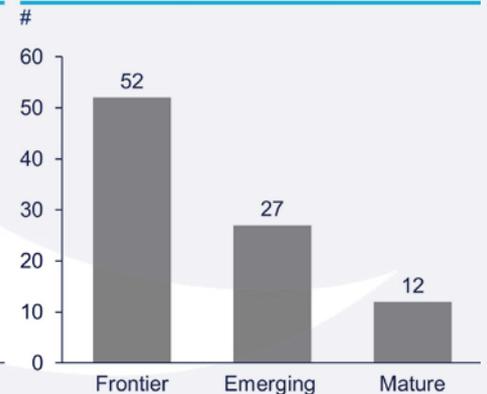
**Volumes Discovered (2008-2017)**



**Avg Discovery Size (2008-2017)**



**Number of Giant Discoveries (2008-2017)**



Source: Banco Central Republica Dominicana, Verisk Maplecroft, Monetary International Fund (IMF), Wood Mackenzie Exploration Service

# Competitive and Transparent Fiscal Terms

The Dominican Republic offers an attractive investment environment, underpinned by strong and sustained economic growth. Upstream investment in the country will benefit the Dominican Republic with greater development, technical knowhow, new business for local firms and create more, better paying jobs. Diversification of the economy will help to protect the economic viability of other important sectors, such as industry and tourism, and create a sustainable cycle of economic activity.

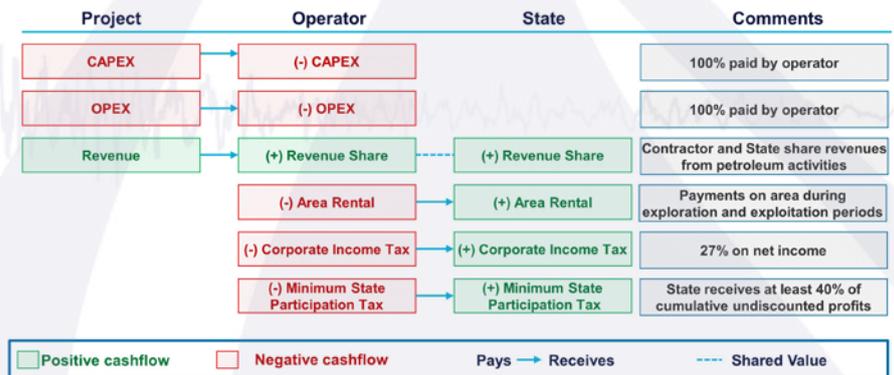
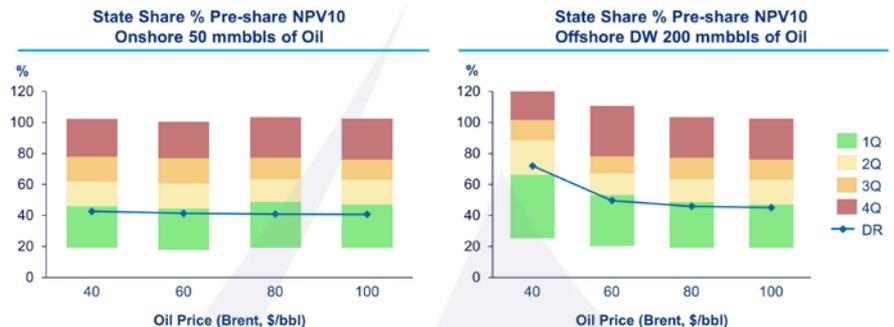
The fiscal terms are progressive, encouraging the development of marginal projects but capturing a greater “State Share” in projects of greater profitability. The Dominican system is in the 1<sup>st</sup> Quartile in terms of competitiveness globally in all basins, sizes of discoveries and at different prices.

The fiscal regime allows the State to capture its income through four mechanisms: Shared Revenue; Income Tax; Area Rent and Minimum State Participation Tax.

## Low Risk for Investors

In order to facilitate investment, the Dominican Republic has worked with their partners to deliver terms to Investors that are highly competitive, progressive and simple. The process will be entirely transparent, with flexible terms based on international best practices.

Investing in the Dominican Republic represents low risk for investors. There is no signing bonus, and Contractual terms and fiscal terms will remain stable during the contract duration. The contract will be approved by congress, and will be entered into Dominican law. Interested companies will be able to nominate blocks and/or propose changes in the future.



The Flexible contract terms allow operators to adapt the exploration strategy during the term of the contract. The Exploration period will be between 7 and 10 years, divided into 3 phases. At the end of each phase the operator can terminate the contract or relinquish part of the block, controlling overall capex expenditure.

## Abandonment Fund

Investors will be required to contribute to an abandonment fund, designed to guarantee the necessary resources for the activities relating to abandonment of a field. These funds will be sent to an escrow account, and the entire fund must be covered two years before the project ends.

# Prequalification Criteria

Companies that comply with the financial, technical, and HSE criteria will be authorized to participate in the bidding process. Companies must provide 20F, 10K annual reports or their equivalent, or financial statements audited by certified or registered companies to perform such activities in accordance with the laws of the country of origin.

Criteria	Type of company	Variable	Onshore	Shallow water	Deep Water
Financial	Operator	Shareholder Equity	US\$60 mm	US\$120 mm	US\$350 mm
		Net working capital	US\$15 mm	US\$30 mm	US\$60 mm
	Non Operator	Shareholder Equity	US\$30 mm	US\$60 mm	US\$175 mm
		Net working capital	US\$7.5 mm	US\$15 mm	US\$30 mm
Technical	Operator	Operated Exploration wells over last 5 years	3 wells	2 wells	1 well
		Minimum average operated production in 2018	2,000 boe/d	5,000 boe/d	10,000 boe/d
	Non Operator		No applicable		
HSE	Operator	• ISO 14001 and OHSAS 18001 Certification or Company HSE Policy			
	Non Operator	No applicable			

Operators that meet the prequalification criteria for deep water fields are considered qualified for shallow water and onshore fields; and those qualified for shallow water are considered qualified for onshore fields. Operators will have to meet the requirements of exploration wells or minimum production. The minimum participation for an operator in a consortium is 30%. Companies belonging to the "Energy Intelligence Top 100" will be exempt from all requirements.

## Companies Award Criteria

The awarding criteria is simple and transparent, focused on incentivizing exploration. Blocks will be assigned solely on additional work commitments – in simple terms, the company willing to execute the most exploration will win the block. Each block will have a minimum commitment of work, measured in "work units" (WU). Operators will offer additional work units, and the tie-off criteria will also be in work units. The Minimum Work Commitment is as follows:

- 1 WU = USD \$5,000
- Minimum work commitment for onshore is 400 WU (USD \$2 million)
- Minimum work commitment for offshore is 800 WU (USD \$4 million)

### The work commitments per exploration period are as follows:

- First Period: minimum commitment + additional offer
- Second Period: 2 x minimum commitment
- Third Period: 1 exploratory well

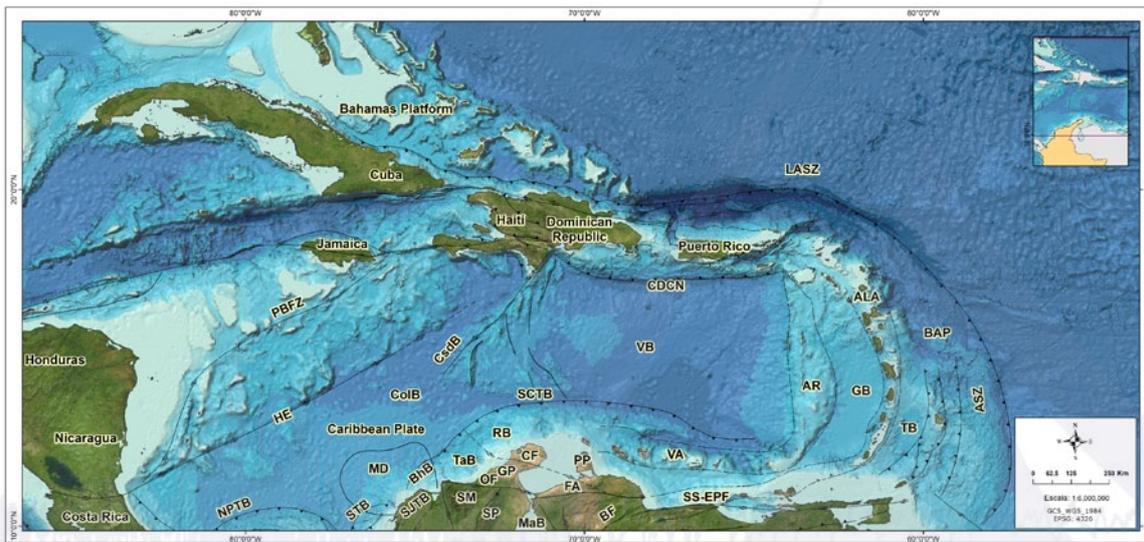
# Technical Data

All technical data is freely available online ( <https://bndh.gob.do/en/>), from the National Database of Hydrocarbons (BNDH). The National Database of Hydrocarbons is a compendium and digital file in the standard format of the oil industry of all the geological, geophysical and seismic information collected through exploration and prospection activities of hydrocarbons in Dominican soil and sea since 1904.

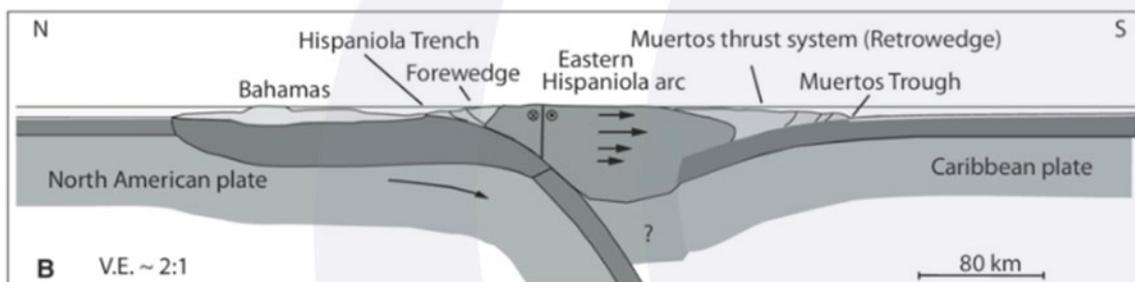
## This includes:

- 21,500 km of 2D seismic, representing a value of approximately US \$ 100 million
- 1,491 maps, 805 seismic profiles, 212 well records, 321 records / reports, 209 magnetic tapes “9-track” and 3 cassettes “8-track” containing seismic lines in different regions of the country

## Geological Setting of the Dominican Republic



**ALA:** Arch of the Leeward Antilles, **BhB:** Bahía Basin, **CoB:** Colombia Basin, **CF:** Cuiza Fault, **SCTB:** Southern Caribbean Thrust Belt, **NPTB:** Northern Panama Thrust Belt, **RB:** Ranchería Basin, **MaB:** Maracaibo Basin, **TaB:** Tairona Basin, **SJTB:** San Jacinto Thrust Belt, **AR:** Aves Ridge, **BR:** Beata Ridge, **TB:** Tobago Basin, **VB:** Venezuela Basin, **DM:** Magdalena Delta, **HE:** Hess Escarpment, **AF:** Ancón Fault, **BF:** Boconó Fault, **OF:** Oca Fault, **SS-EPF:** San Sebastián – El Pilar Fault, **GB:** Grenad Basin, **SM:** Santa Marta Massif, **BAP:** Barbados Accretionary Prism, **GP:** Guajira Peninsula, **PP:** Paraguán Peninsula, **SP:** Serranía del Perijá, **PBFZ:** Pedro Baal Fault Zone, **ASZ:** Antilles Subduction Zone, **VA:** Venezuela Antilles, **LASZ:** Lesser Antilles Subduction Zone. **STB:** Sinú Thrust Belt.



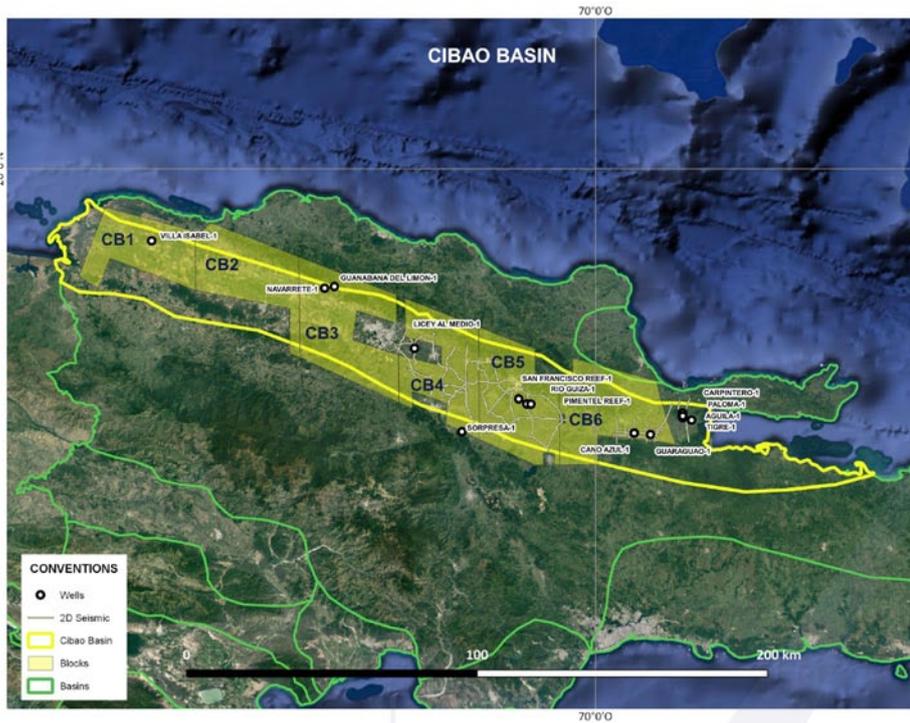
The geological setting for the Dominican Republic is of interest for a number of reasons. Exploration in and around the area has demonstrated prospectivity, and the Dominican Republic is ideally situated for investment.

- Subduction of North America plate below Caribbean Plate
- Strike-slip and convergent structures produced by North America-Caribbean strike-slip displacements and the transpressional accretion of crustal fragments to the Cretaceous island-arc core of Central and Northern Hispaniola (Mann & Lawrence, 1991)
- Thrust belts developed on both sides of oceanic island arcs
- North-verging accretionary prism lies to the north of the Eastern Greater Antilles arc

Note: Structural main features of the Caribbean on the General Bathymetric chart of the oceans (GEBCO). Source: Neoil Exploration

# Cibao Basin

Located in the north of the country with 6 onshore blocks available.



## Blocks

- CB1, CB2, CB3, CB4, CB5 and CB6

## Basin Area

- 6,946 km<sup>2</sup>

## Tectonics

- Asymmetrical Strike-slip basin

## Seismic

- ~632 km 2D (44 seismic lines)
- ~ 23% of 2D seismic coverage

## Wells Drilled

- 16 wells (4 with gas shows)
- MD between 1,000 ft and 12,000 ft
- 2 oil seeps

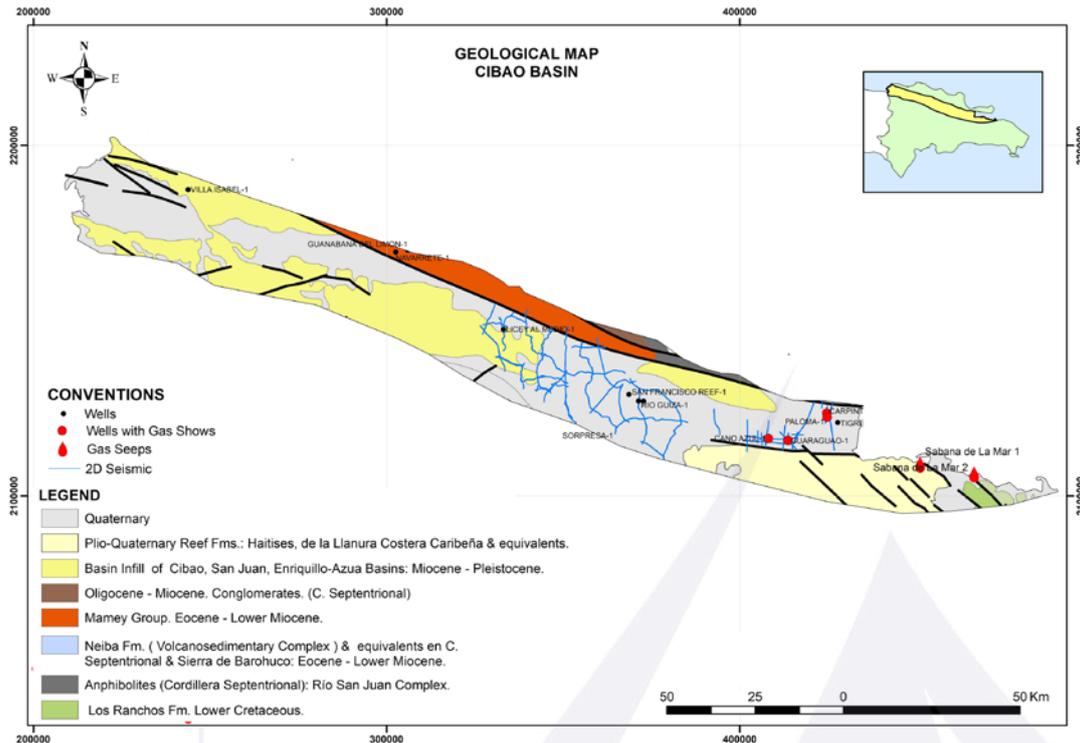
## Stratigraphic Column

Stratigraphic column of the Cibao Basin with tectonic events and petroleum systems.

PERIOD	EPOCH	LITHOLOGY	FORMATIONS	SOURCE ROCK	RESERVOIR	SEAL	TRAPS FORM.	GEN/MIGR/ACC.	TECTONIC EVENT	PLAY 1	PLAY 2	PLAY 3
QUATERNARY	Holocene	Siliciclastic & Limestone	Alluvium									
	Pleistocene		Alluvium									
TERTIARY	NEOGENE	Pliocene	Siltstone & Clay	Mao Fm.					Continued Ramp Basin development-Basin Filled by Shallowing-Upward clastic sequences & evaporites			
			Siltstone	Gurabo Fm.								
		Miocene	Conglomerate & Sandstone	Cercado Fm.							Initial Ramp Basin Formation-basin act as conduits for clastic sedimentation derived from North and Northwest Collision if northern and souther hispaniola-SW- verging folds and thrust faults	
	Siliciclastic & Limestone		Baitoa Fm.									
	PALEOGENE	Oligocene	Submarine Fan Deposits	Tabera Group	?				Underthrusting/accretion in transpressional enviroment			
Eocene		Arc Basement	Basement									
Paleocene												
CRETACEOUS	LATE											

Source: Modified from Tillman, 1991- Mann & Lawrence, 1991

# Geological Map and Petroleum System



**Source Rock:** Tabera Group is a hypothetical source rock, which is in the oil window since the late Oligocene. Based on TOC interpretation from Logs, ( San Francisco-1 well) shows potential Source rocks in Guarabo fm.

**Reservoir Rock:** San Francisco-1 well and outcrops have shown good reservoirs along the Miocene and Pliocene.  
**Seal Rock:** Several siltstone & clay from the Oligocene & Pliocene.

**Trap:** Seismic shows a highly deformed basin with high angle transpressive faults, positive flower structures and anticlines – all potential HC traps.

**Timing:** Potential deeper source rock (Tabera Group) would have reached maximum peak of generation during the Miocene.

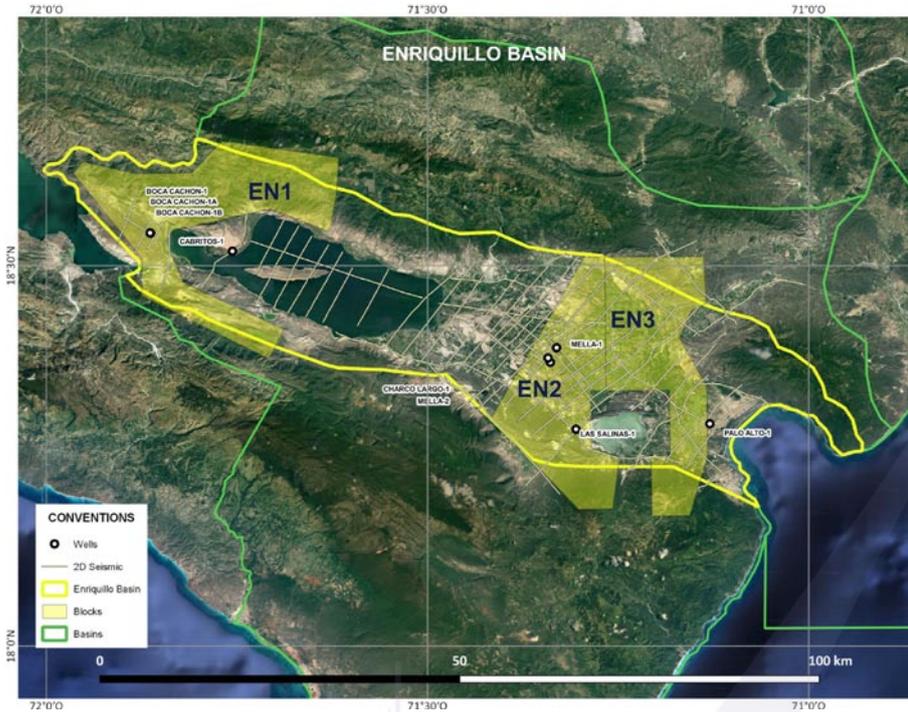
## Highlights

	POSITIVES	POTENTIALS
Basin	<ul style="list-style-type: none"> <li>• Frontier basin</li> <li>• Max sediment thickness to the north of ~18K ft</li> </ul>	<ul style="list-style-type: none"> <li>• Depocenter in the norther central part of the basin with potential HC generation</li> </ul>
G&G Data	<ul style="list-style-type: none"> <li>• 2D seismic data available (~630 km)</li> <li>• 16 wells drilled</li> </ul>	<ul style="list-style-type: none"> <li>• Only ~20% seismic coverage                             <ul style="list-style-type: none"> <li>• Provides ~80% add't'l to test</li> <li>• Modern tech can improve dated info</li> </ul> </li> </ul>
Petroleum System	<ul style="list-style-type: none"> <li>• Type III gas- prone Kerogen (Tillman, 2015)</li> <li>• Pseudo well shows Tabera Group entering in oil window</li> </ul>	<ul style="list-style-type: none"> <li>• Potential source rock have subsided to depths of 18k ft</li> <li>• Marine sediments (Tabera fm) may have kerogen Type II</li> </ul>
Prospectivity	<ul style="list-style-type: none"> <li>• 24 wells, some with gas shows</li> <li>• At least 3 plays in the basin</li> <li>• Several potential prospects</li> </ul>	<ul style="list-style-type: none"> <li>• High-angle transpressive faults, positive flower structures, anticlines identified in 2D – potential structural traps</li> </ul>

Source: Base Nacional de Datos de Hidrocarburos, Neoil Exploration

# Enriquillo Basin

Located in the west of the country with 3 onshore blocks available.



## Blocks

- EN1, EN2 and EN3

## Basin Area

- 3,100 km<sup>2</sup>

## Tectonics

- Synclinal, Upper Miocene to Recent sedimentary ramp basin (Mann et al., 1991)

## Seismic

- 1,007 km 2D (65 seismic lines)
- ~90% of 2D seismic coverage

## Wells Drilled

- 9 wells (4 with gas shows)
- MD between 500 ft and 15,800 ft
- 2 Oil seeps, 1 Gas seep

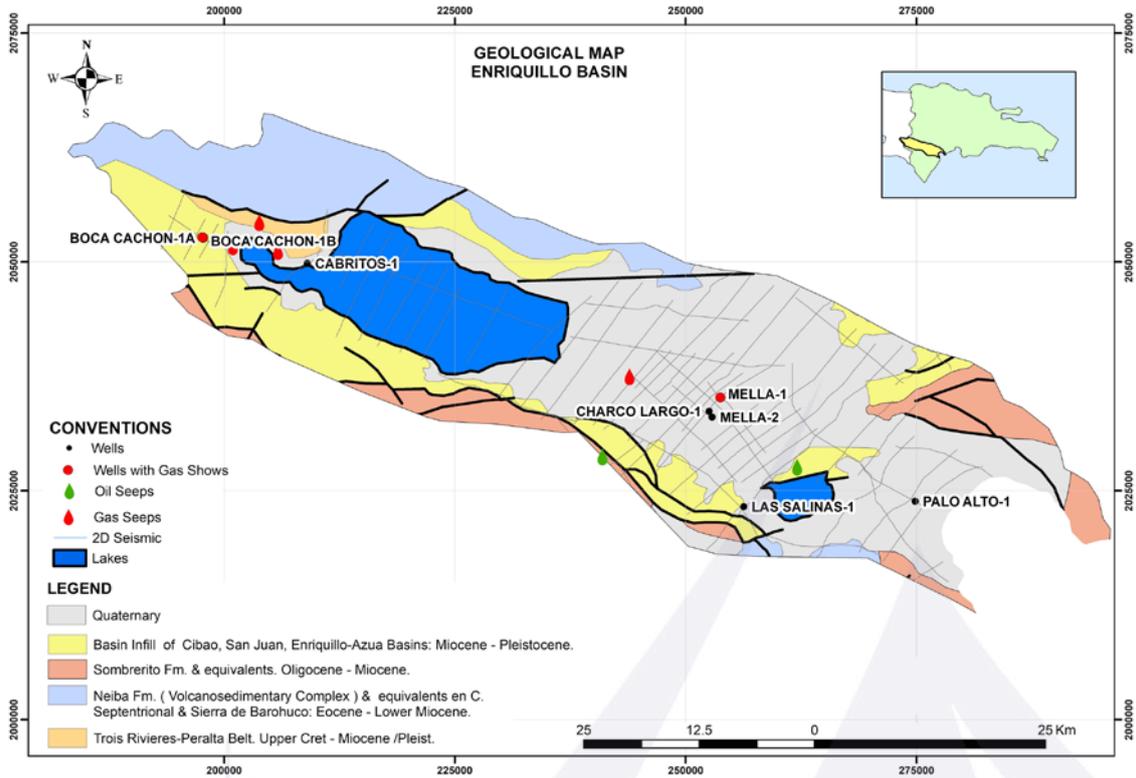
## Stratigraphic Column

Stratigraphic column of the Enriquillo Basin with tectonic events and petroleum systems.

PERIOD	EPOCH	LITHOLOGY	FORMATIONS	SOURCE ROCK	RESERVOIR	SEAL	TRAPS FORM.	GEN/MIGR/ACC.	TECTONIC EVENT	PLAY 1	PLAY 2	PLAY 3
QUATERNARY	Holocene	Costal Coral/Coral Limestone/Alluvium Terrace	Cuaternary Deposits									
	Pleistocene	Fluviatile/Shallow Marine	Jimani									
TERTIARY	NEOGENE	Pliocene	Evaporite	Las Salinas					Continued Ramp Basin development-Basin Filled by Shallowing-Upward clastic sequences and evaporites			
			Fluviatile/Shallow Marine	Angostura						Initial Ramp Basin Formation-basin act as conduits for clastic sedimentation derived from North and Northwest		
	MIOCENE		Sand & Shale	Trinchera					Collision if northern and southern hispaniola-SW-verging folds and thrust faults			
			Pelagic Limestone	Sombrerito								
	PALEOGENE	Oligocene	Limestone	Neiba/Plaisance					Underthrusting/accretion in transpressional environment			
		Eocene										
Paleocene		Limestone	San Rafael									
CRETACEOUS	LATE	Igneous/Metamorphic Basement	Igneus Complex									

Source: Modified from Tillman, 1991- Mann & Lawrence, 1991

# Geological Map and Petroleum System



**Source Rock:** Three source rocks were defined – Trinchera Fm in the early oil window towards the central part of the basin; Sombbrero Fm in the early to middle oil window; Plaisance Fm in the late oil window and early gas window.

**Reservoir Rock:** Outcrops and wells have showed several Eocene, Oligocene (?) and Miocene reservoir levels in basin.

**Seal Rock:** Several shales levels from the Eocene to Pliocene.

**Trap:** Highly deformed basin with high angle transpressive faults, thrust and salt related structures, and fractured limestone.

**Timing:** Early stage of generation during the Eocene which continued during the Neogene.

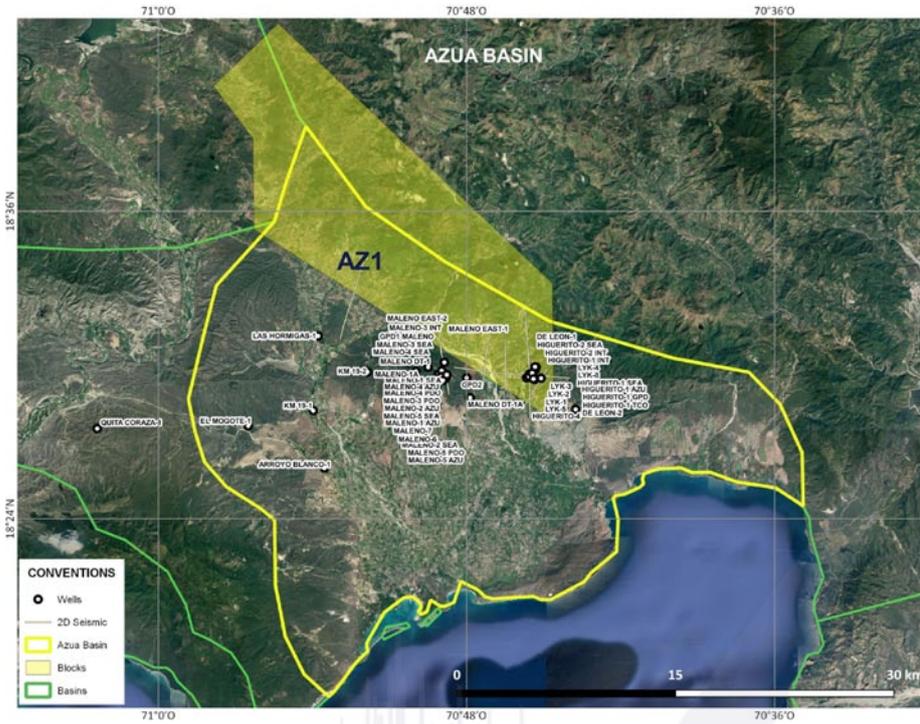
## Highlights

	POSITIVES	POTENTIALS
Basin	<ul style="list-style-type: none"> <li>Frontier basin</li> <li>Max sediment thickness is over ~18K ft</li> </ul>	<ul style="list-style-type: none"> <li>Depocenter in the Central part of the basin with proved HC generation</li> </ul>
G&G Data	<ul style="list-style-type: none"> <li>2D seismic data available (~1,000km)</li> <li>9 wells drilled</li> <li>Basin w/ most seismic coverage on the island</li> </ul>	<ul style="list-style-type: none"> <li>~90% seismic coverage</li> <li>Modern tech can improve dated info</li> </ul>
Petroleum System	<ul style="list-style-type: none"> <li>HC generation proved by oil &amp; gas seeps</li> <li>3 source rocks (Trinchera, Sombbrero &amp; Plaisance Fm.)</li> </ul>	<ul style="list-style-type: none"> <li>Potential for biogenic &amp; thermogenic gas (Trinchera Fm.)</li> </ul>
Prospectivity	<ul style="list-style-type: none"> <li>At least 3 plays in the basin</li> <li>4 Wells with gas shows</li> <li>Several undrilled prospects identified</li> </ul>	<ul style="list-style-type: none"> <li>Traps: Thrust structures, salt related structures, potential in carbonate and reef associated deposits</li> </ul>

Source: Base Nacional de Datos de Hidrocarburos, Neoil Exploration

# Azua Basin

Located in the southwest of the country with 1 onshore block available.



## Blocks

- AZ1

## Basin Area

- 795 km<sup>2</sup>

## Tectonics

- Synclinal, Upper Miocene to Recent sedimentary ramp basin (Mann et al., 1991)

## Seismic

- 42 km 2D (9 seismic lines)
- 10% of 2D seismic coverage

## Wells Drilled

- 58 wells (4 had production, 14 with Oil and/or Gas shows)
- MD between 300 ft and 13,000 ft
- 3 Oil seeps

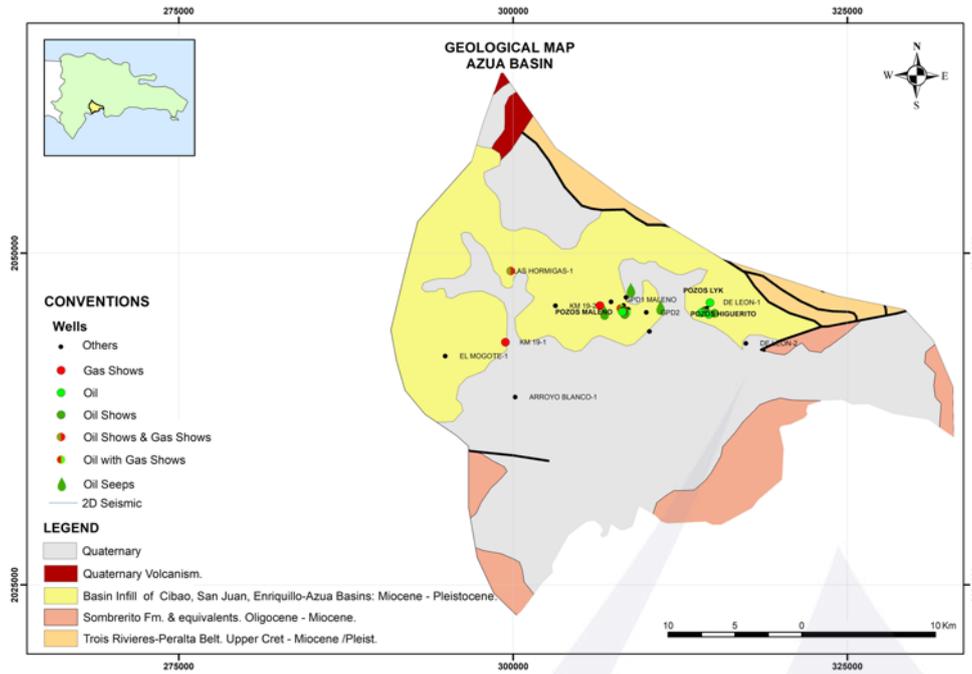
## Stratigraphic Column

Stratigraphic column of the Azua Basin with tectonic events and petroleum systems.

PERIOD	EPOCH	LITHOLOGY	FORMATIONS	SOURCE ROCK	RESERVOIR	SEAL	TRAPS FORM.	GEN/MIGR/ACC.	TECTONIC EVENT	PLAY 1	PLAY 2	PLAY 3
QUATERNARY	Holocene	Slope Clastic Rocks	Cuaternary Deposits		■							
	Pleistocene	Fluviatile/Shallow Marine	Via									
TERTIARY	NEOGENE	Pliocene	Regressive sequence of clastics	Arroyo Blanco/ Arroyo Seco					Continued Ramp Basin development-Basin Filled by Shallowing-Upward clastic sequences a& evaporites			
										Initial Ramp Basin Formation-basin act as conduits for clastic sedimentation derived from North and Northwest		
		Miocene	Sand & Shale	Trinchera				Collision if northern and souther hispaniola-SW-verging folds and thrust faults				
	PALEOGENE	Oligocene	Pelagic Limestone & Shale	Sombbrero					Underthrusting/accretion in transpressional enviroment			
		Eocene	Limestone & Shale	Upper Neiba/Sombbrero								
Paleocene	Limestone	Lower Neiba/Ocoa										
LATE	Limestone	Lower Neiba/Jura										
CRETACEOUS	LATE	Igneous/ Metamorphic Basement	Igneus Complex									

Source: Modified from Tillman, 1991- Mann & Lawrence, 1991

# Geological Map and Petroleum System



**Source Rock:** Shales from Neiba & Trinchera Fm, Hypothetical SR from Jura Fm.

**Reservoir Rock:** Conglomerate facies from Ocoa Fm, sandstones from Trinchera/Arroyo Blanco Fm.

**Seal Rock:** Marls from Sombrerito Fm & shales from Arroyo Blanco Fm.

**Trap:** Seismic shows a highly deformed basin with high angle transpressive faults, positive flower structures and anticlines – all potential HC traps.

**Timing:** Potential deeper source rock (Jura Fm) would be maximum peak of generation

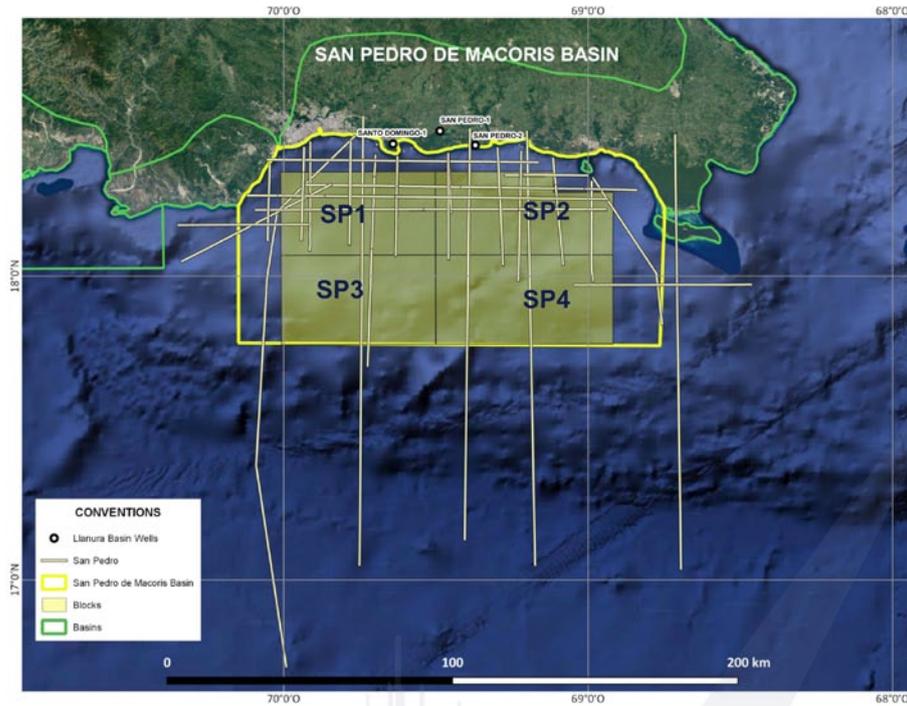
## Highlights

	POSITIVES	POTENTIALS
<b>Basin</b>	<ul style="list-style-type: none"> <li>Frontier basin</li> <li>Max sediment Thickness of ~9K ft.</li> </ul>	<ul style="list-style-type: none"> <li>Depocenter in the Northeast part of the basin with HC generation</li> </ul>
<b>G&amp;G Data</b>	<ul style="list-style-type: none"> <li>2D seismic data available (42 km)</li> <li>52 wells drilled</li> </ul>	<ul style="list-style-type: none"> <li>Only 10% seismic coverage                             <ul style="list-style-type: none"> <li>Provides 90% add'l to test</li> <li>Modern tech can improve dated info</li> </ul> </li> </ul>
<b>Petroleum System</b>	<ul style="list-style-type: none"> <li>Proved petroleum system with 2 existing fields</li> <li>Several oil seeps in the central part of the basin</li> <li>Arroyo Blanco Fm (Miocene) has produced Oil (20° API)</li> </ul>	<ul style="list-style-type: none"> <li>Most wells drilled planned on oil seeps</li> <li>Outcrop samples with kerogene Type II/III &amp; TOC &gt;1</li> <li>Sulphurous content of gas encountered in Azua wells would suggest a contribution from a limestone source rock</li> </ul>
<b>Prospectivity</b>	<ul style="list-style-type: none"> <li>At least 3 plays in the basin</li> <li>Oil production achieved (Maleno &amp; Higuierito fields)</li> <li>Maleno-1 SEA produced 13K bbl of oil</li> <li>Maleno-1A produced 5K bbl of oil</li> <li>LYK wells produced 5K bbl</li> </ul>	<ul style="list-style-type: none"> <li>High angle transpressive faults, positive flower structures and anticlines identified in 2D seismic-as potential structural traps</li> </ul>

Source: Base Nacional de Datos de Hidrocarburos, Neoil Exploration

# San Pedro de Macoris Basin

Located south of the country with 4 offshore blocks available.



## Blocks

- SP1, SP2, SP3 and SP4

## Basin Area

- 10,339 km<sup>2</sup>

## Tectonics

- Forearc basin

## Seismic

- ~1,898 km 2D (127 seismic lines)
- 67% of 2D seismic coverage

## Wells Drilled

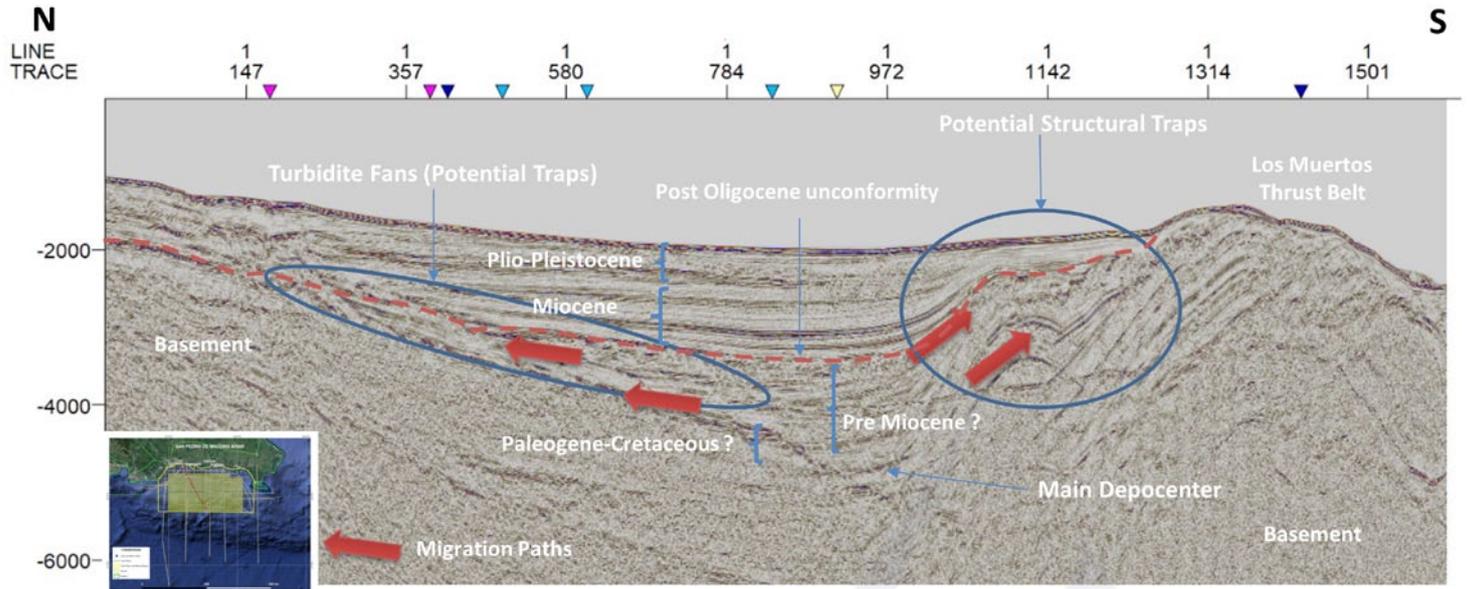
- 3 wells on the onshore part of the basin (Llanura Oriental Basin)

## Stratigraphic Column

Stratigraphic column of the San Pedro de Macoris Basin with tectonic events and petroleum systems.

PERIOD	EPOCH	LITHOLOGY	SOURCE ROCK	RESERVOIR	SEAL	TRAPS FORM.	GEN/MIGR./ACC.	PLAY 1	PLAY 2	PLAY 3
QUATERNARY	Holocene	Slope Clastic Rocks								
	Pleistocene									
TERTIARY	NEOGENE	Pliocene	Calcareous sandstone & limestones				?			
		Miocene	Sandstone, claystones & limestones							
	PALEOGENE	Post Oligocene Unconformity								
		Pre Miocene ?								
		Oligocene								
CRETACEOUS	Eocene	Limestone, Shale and siltstone (Paleogene-Cretaceous ?)								
	Paleocene									
	LATE	?								

Note: Based on Santo Domingo-1, San Pedro-1 wells and seismic interpretation (Neoil exploration, 2019). Source: Neoil Exploration



**Seismic**

127 seismic lines with a total of 1898 km.

**Bouger Anomaly**

Shows a depocenter in the southern part of the basin. Depocenter with HC Generation.

**POSITIVES**

**POTENTIALS**

<b>Basin</b>	<ul style="list-style-type: none"> <li>• Frontier basin</li> <li>• Sediment thickness ~14K ft</li> </ul>	<ul style="list-style-type: none"> <li>• Depocenter in the southern part of the basin with HC generation</li> </ul>
<b>G&amp;G Data</b>	<ul style="list-style-type: none"> <li>• 2D seismic data available (~1900 km)</li> <li>• 3 wells on the onshore part of the basin (Llanura Oriental basin)</li> </ul>	<ul style="list-style-type: none"> <li>• 67% seismic coverage                             <ul style="list-style-type: none"> <li>• Modern tech can improve dated info</li> </ul> </li> </ul>
<b>Petroleum System</b>	<ul style="list-style-type: none"> <li>• San Pedro-1, showed paraffin &amp; light oil with 30° API</li> <li>• Proved petroleum system with oil shows in the onshore part of the basin</li> </ul>	<ul style="list-style-type: none"> <li>• Potential source rock in the oil window in the deepest depocenter of the basin</li> </ul>
<b>Prospectivity</b>	<ul style="list-style-type: none"> <li>• At least 3 plays in the basin</li> </ul>	<ul style="list-style-type: none"> <li>• Seismic shows potential structural traps, and also stratigraphic traps (Pinch outs &amp; Turbidite fans)</li> </ul>



The Round will open on 10th July 2019, with a launch event and roadshow at the Hyatt Regency, 2626 Sage Road, Houston, and close in December 2019

All information is public and available at [www.bndh.gob.do/en](http://www.bndh.gob.do/en)

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