

AAPG 2012 ICE
SINGAPORE



The National Agency of Hydrocarbons

Peru Bidding Round 2012

Investment opportunities in the Hydrocarbon Sector of Peru

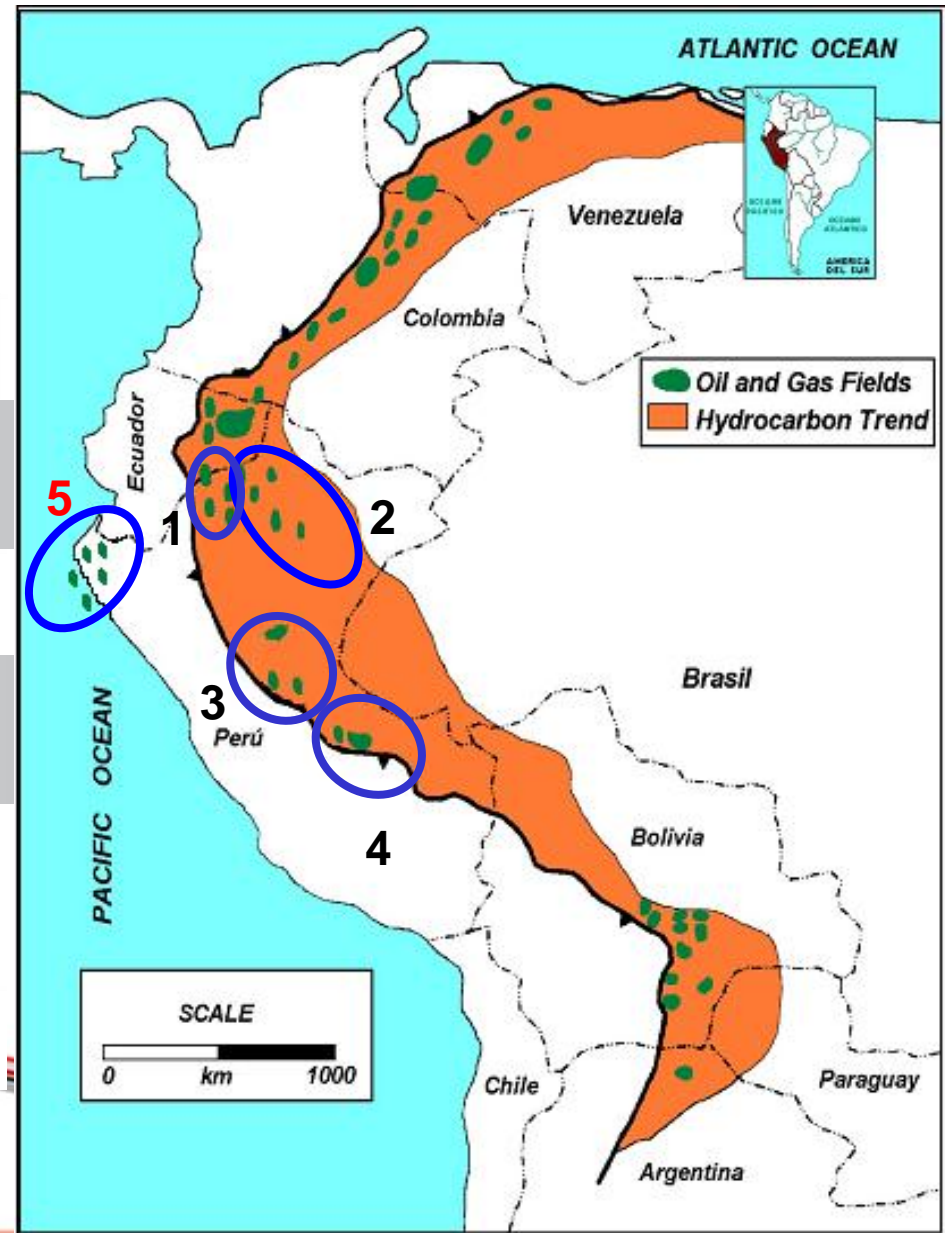


THE SUBANDEAN MEGATREND IN PERU

1. West Marañón Basin:
Light Oil
2. East Marañón Basin:
Heavy Oil
3. North Ucayali Basin:
HC occurrence
4. South Ucayali Basin:
Gas and LNG in Camisea

PERU: 149 YEARS OF PRODUCTION HISTORY

5. Talara and Tumbes Basins:
Light Oil



Main Petroleum Systems in Peru



Basins, Exploratory Wells and Available Areas: 32 MM ha

18 BASINS	Exploratory Wells	%
Talara	1,299	84.68
Marañón	115	7.50
Ucayali	59	3.85
Sechura	24	1.56
Tumbes -		
Progreso	13	0.85
Santiago	7	0.46
Madre de Dios	6	0.39
Trujillo	4	0.26
Titicaca	4	0.07
Pisco	1	0.07
Huallaga	1	0.00
Lima	1	0.00
Mollendo	0	0.00
Salaverry	0	0.00
Moquegua	0	0.00
Bagua	0	0.00
Ene	0	0.00
	1,534	100.00



HC Productive Areas

Liquid Hydrocarbons

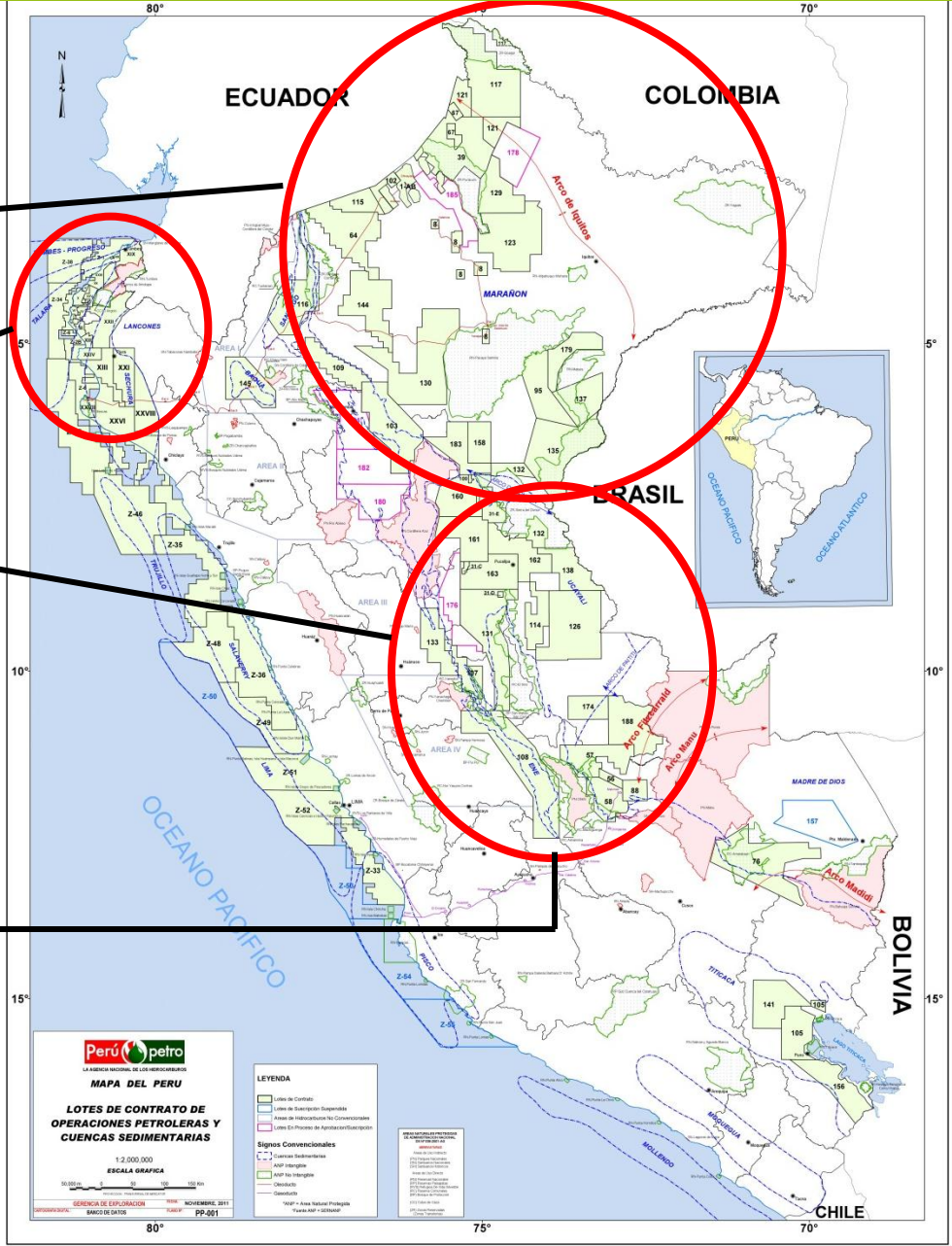
MARAÑÓN BASIN
Cumulative 1,000 MMBO

TALARA BASIN
Cumulative 1,500 MMBO

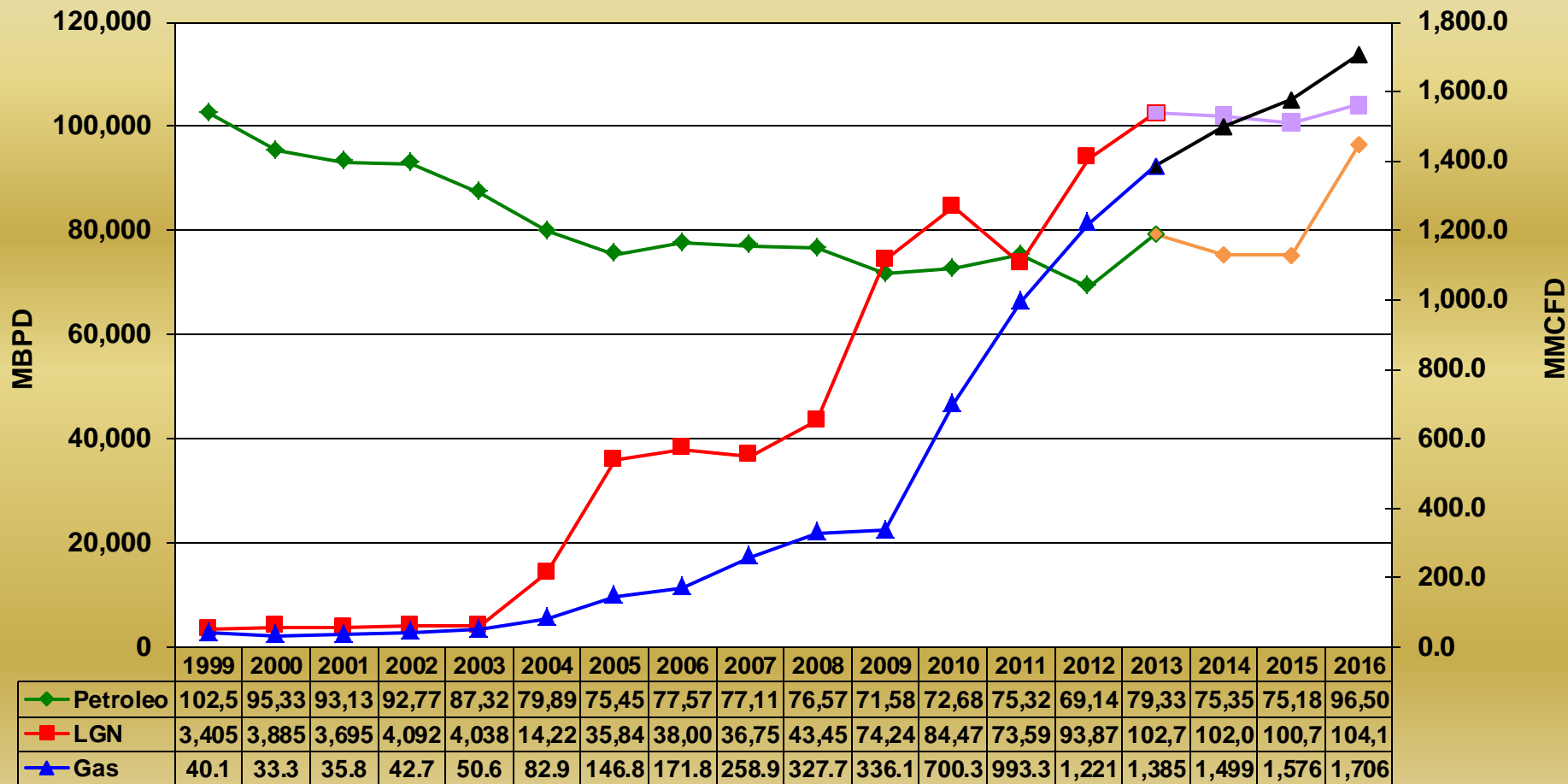
UCAYALI BASIN
Cumulative 130 MMBC

Gas

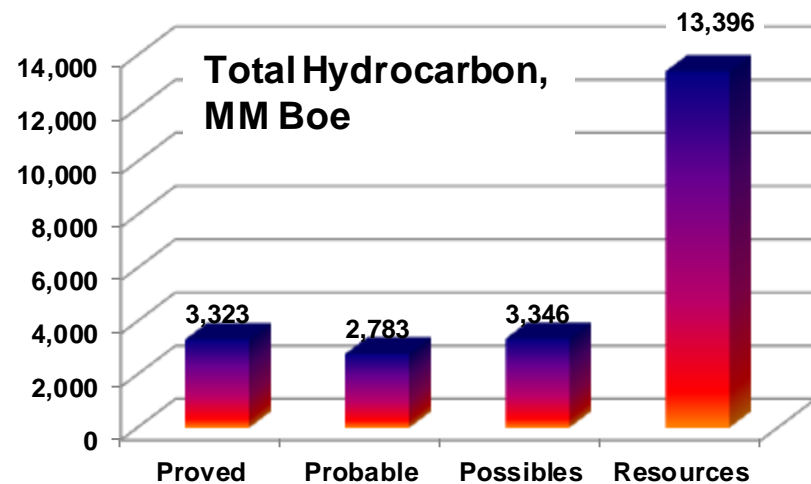
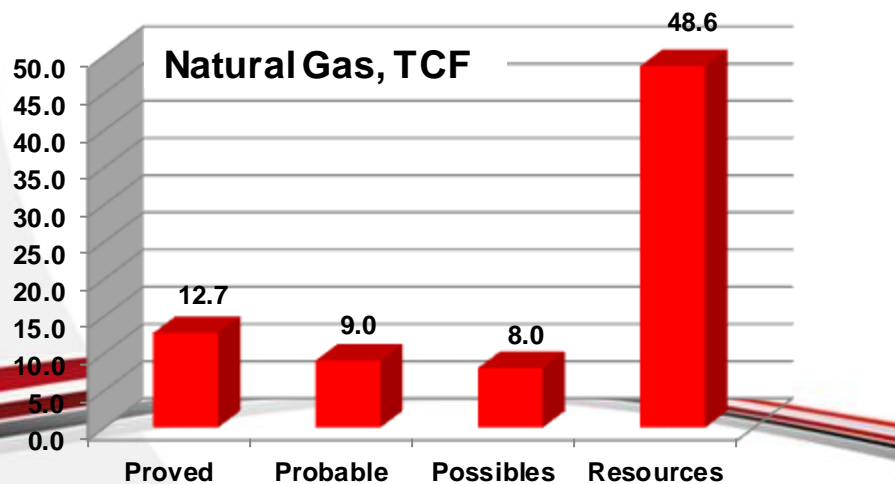
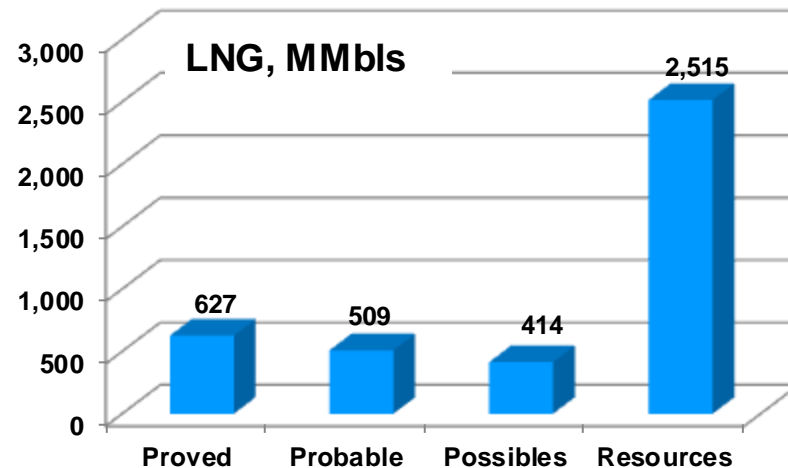
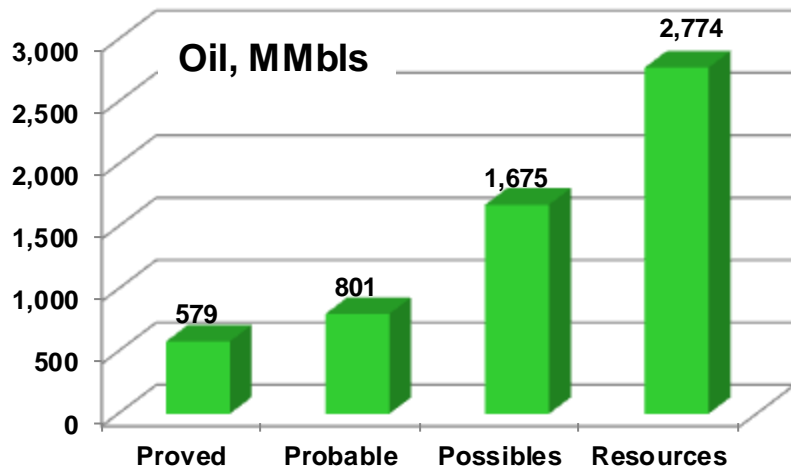
UCAYALI BASIN
Daily 82 MBCD
1,000 MMCFGD



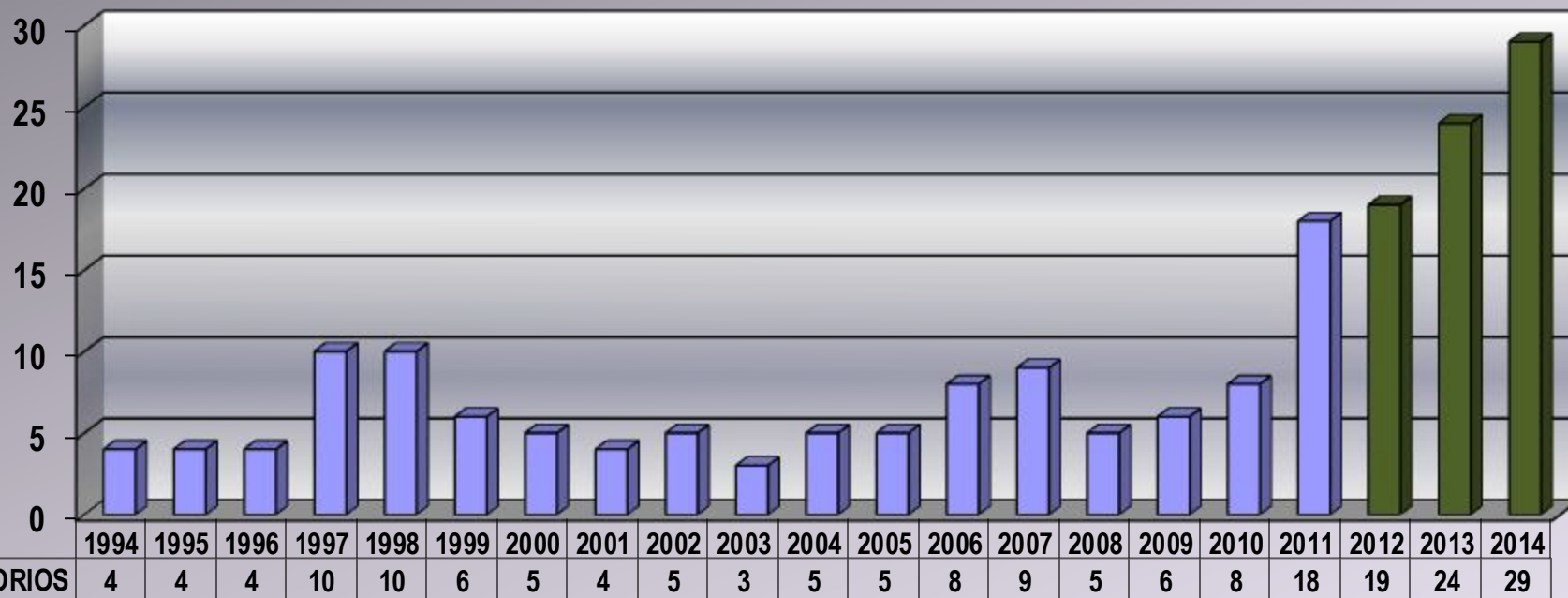
HC PRODUCTION 1999 - 2011 PROJECTION 2012 - 2016



Peru Hydrocarbon Reserves Dec 2011

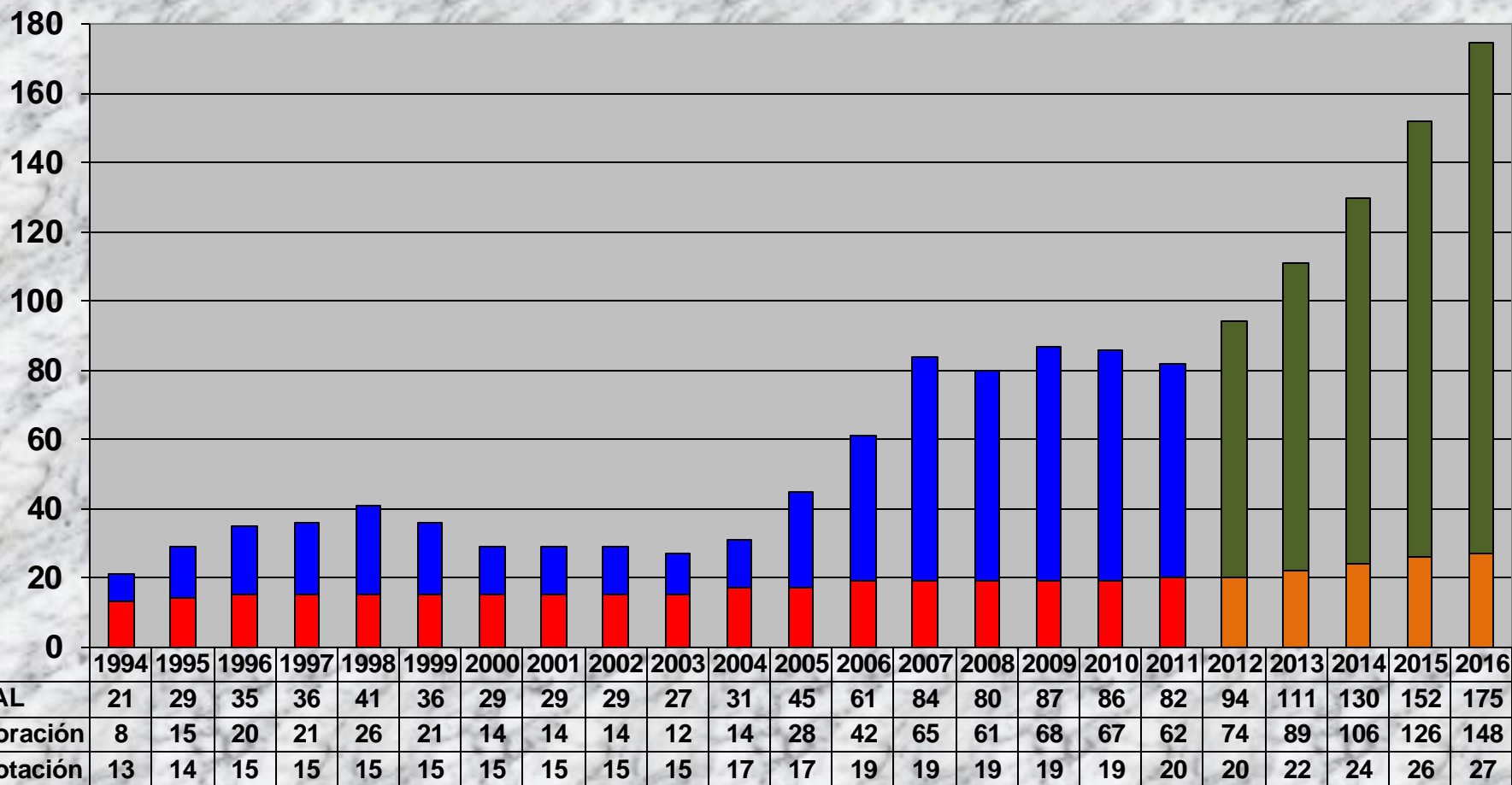


DRILLED EXPLORATORY WELLS 1994 –2011 PROJECTION 2012 - 2014



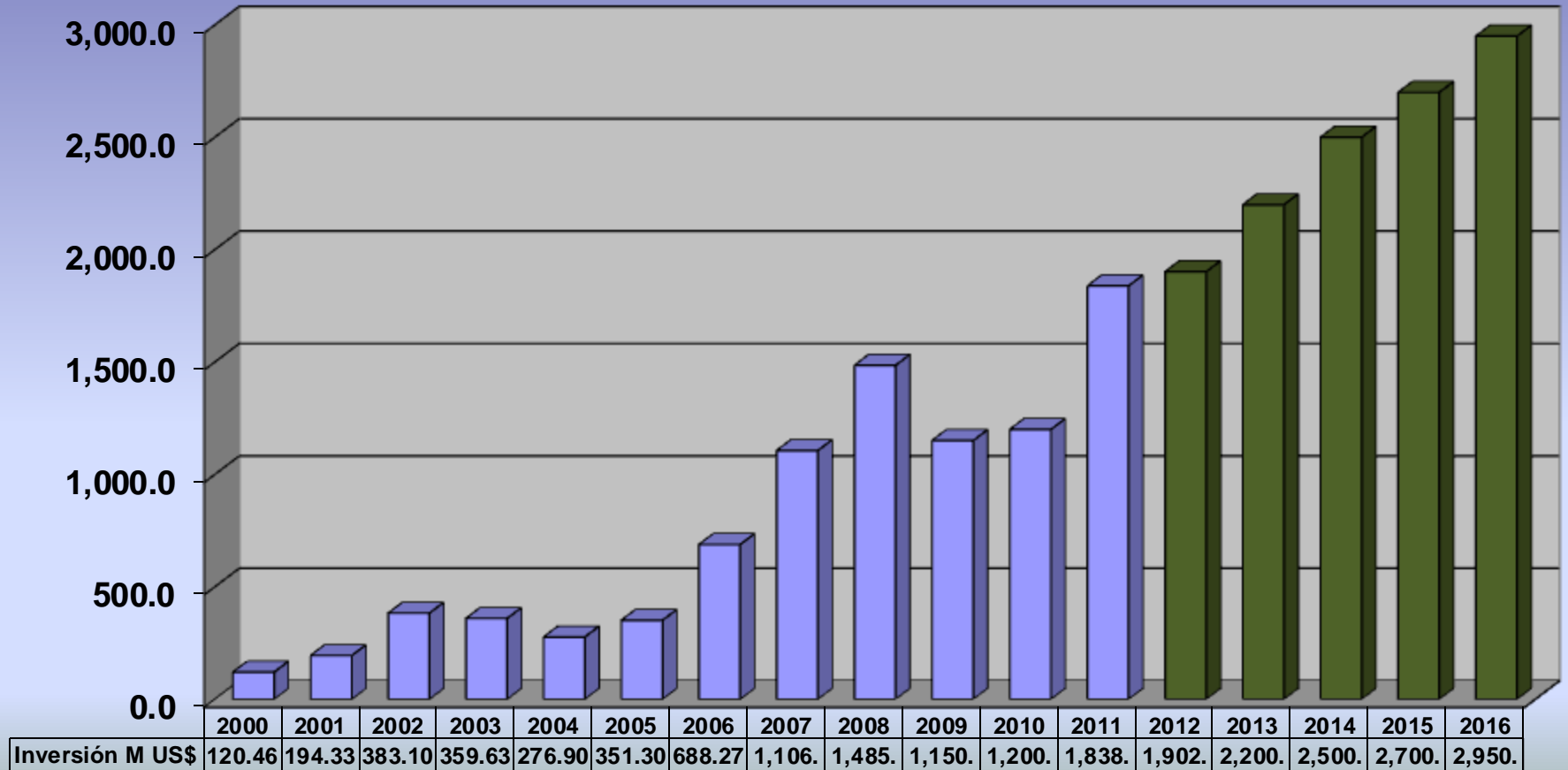
EXPLORATORIOS

TOTAL OF SIGNED CONTRACTS 1994 – 2011 PROJECTION 2012 - 2016



INVESTMENTS BY YEAR 2000 – 2011

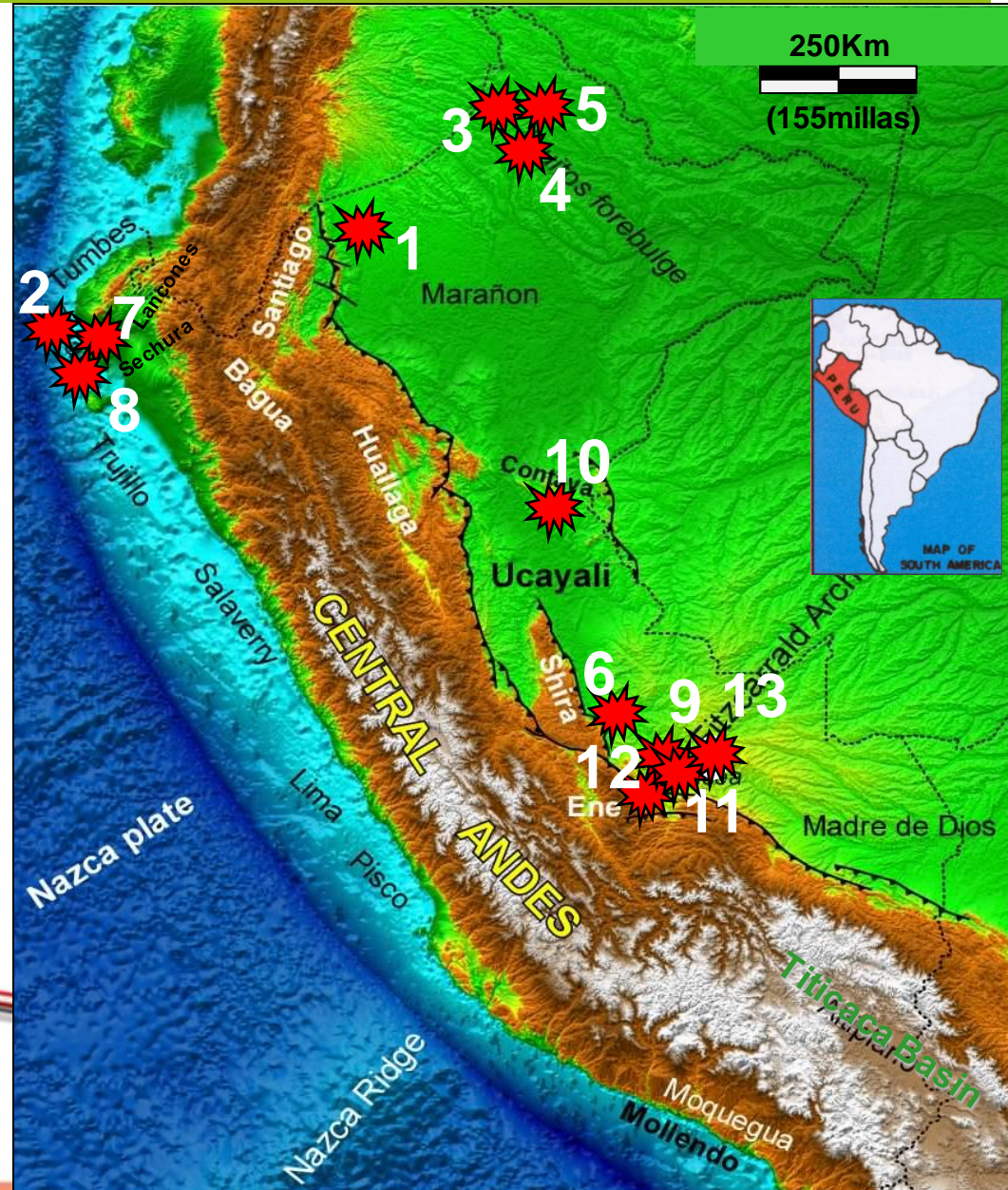
PROJECTION 2012 - 2016



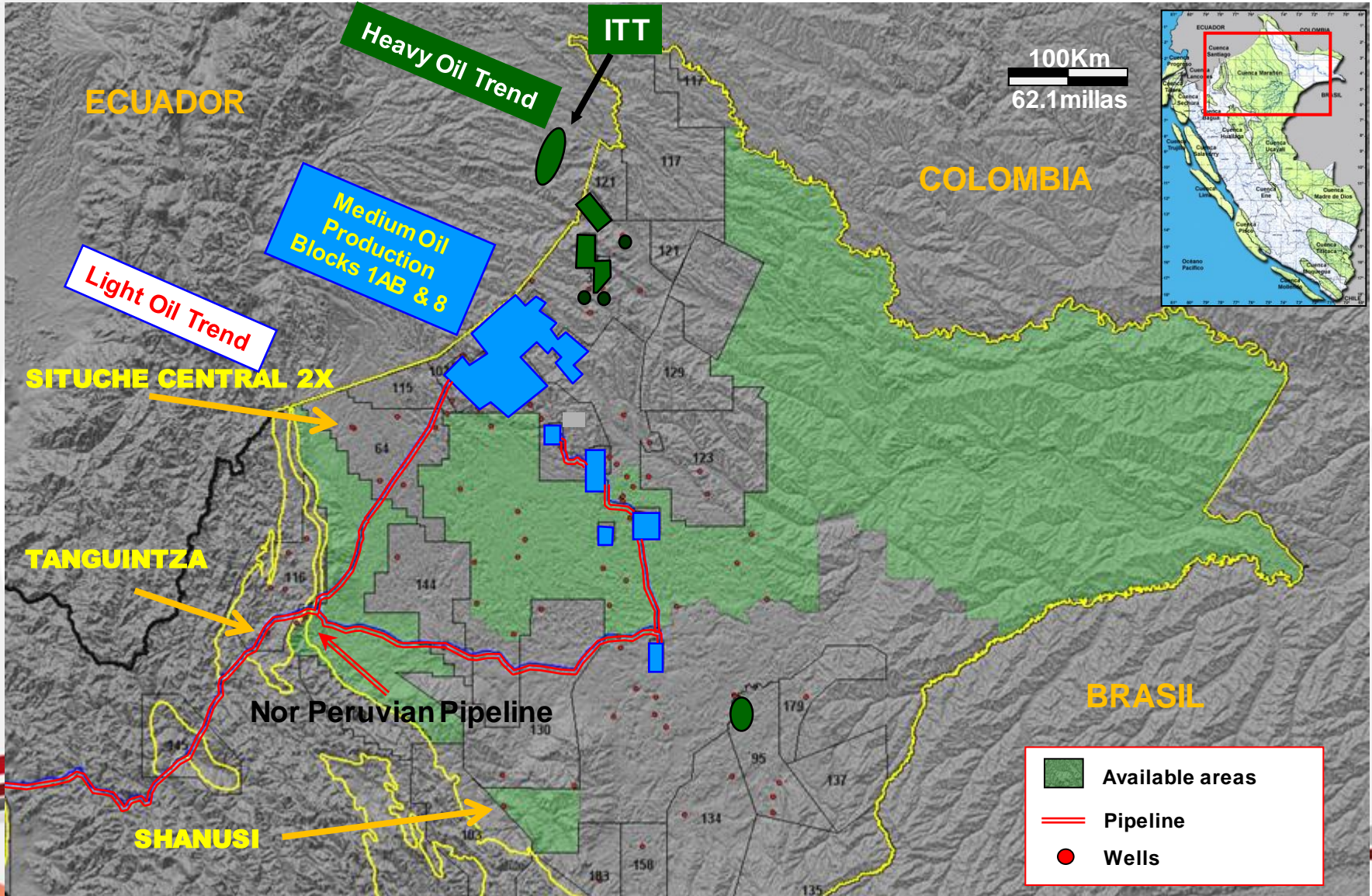
Last Years Discoveries

BASIN	YEAR	HC TYPE
1. Marañón	2005	LO
2. Talara	2005	LO
3. Marañón	2005	HO
4. Marañón	2006	HO
5. Marañón	2006	HO
6. Ucayali Sur	2007	GC
7. Talara	2007	LO
8. Talara	2008	Gas
9. Ucayali Sur	2005	GC
10. Ucayali Norte	2009	NCG
11. Ucayali Sur	2010	GC
12. Ucayali Sur	2011	GC
13. Ucayali Sur	2011	GC

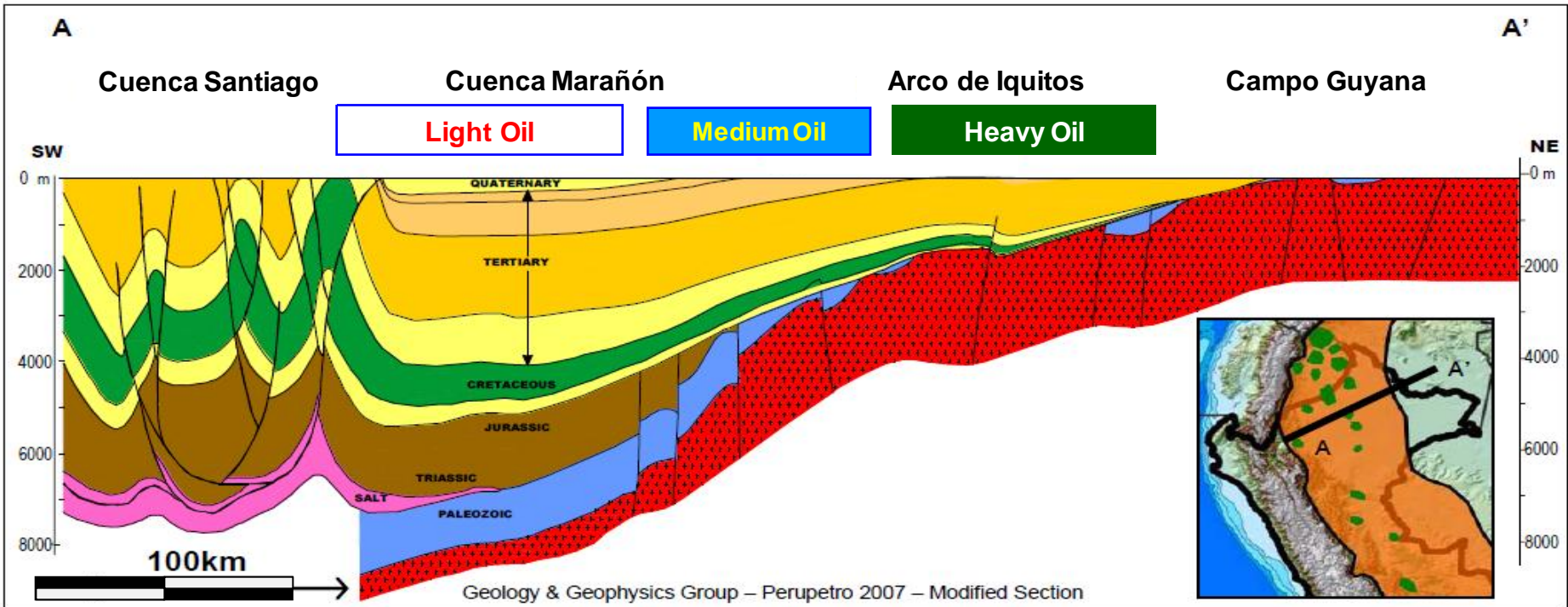
HC TYPE	N°
LO – Light Oil	3
HO – Heavy Oil	3
GC - Gas / Condensates	6
NCG – Non Conventional Gas	1



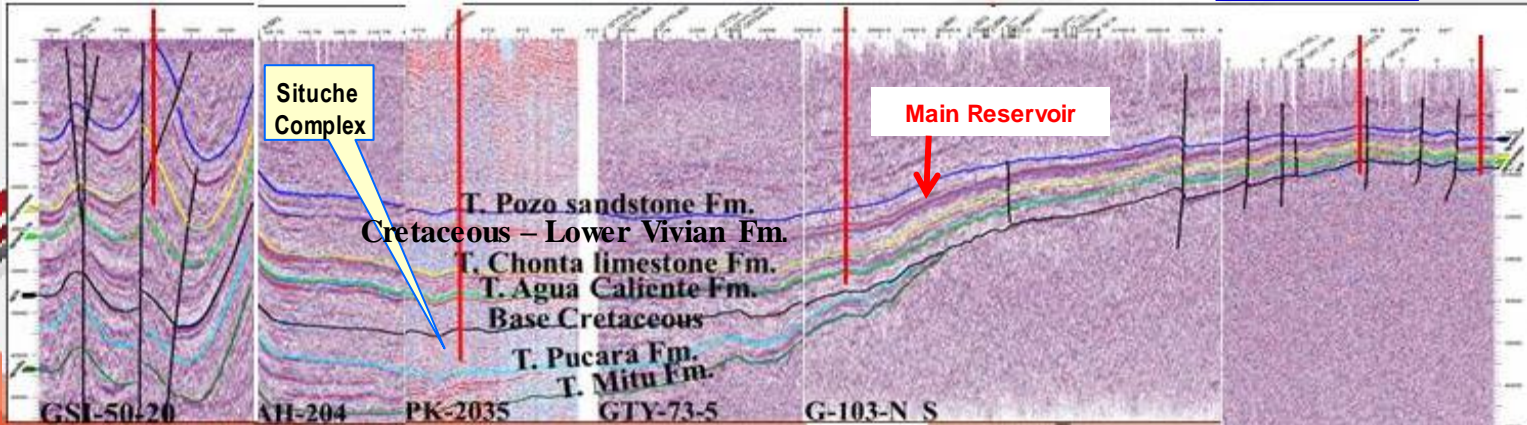
Productive Areas in the Marañón Basin



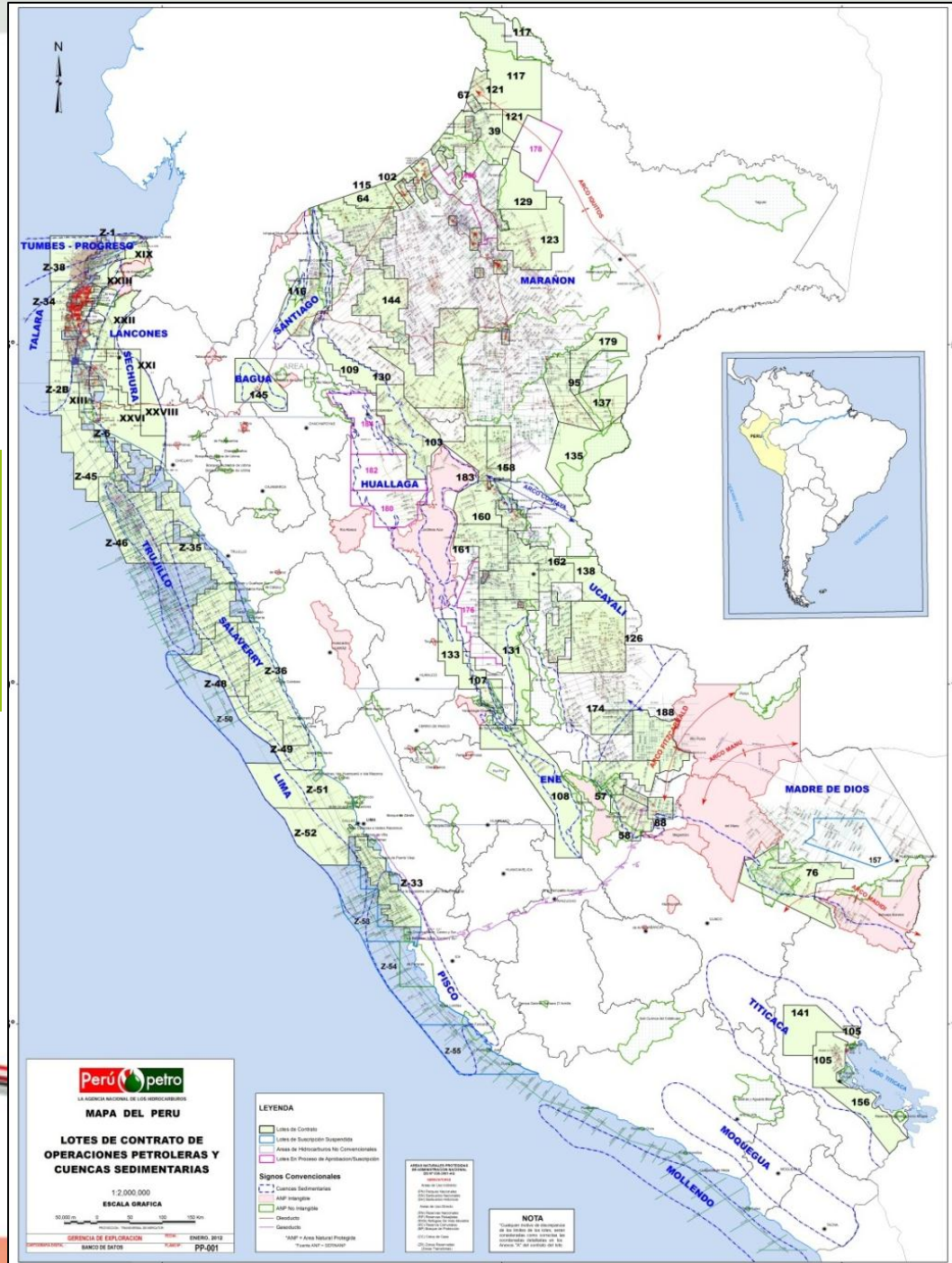
Structural Cross Section Marañón Basin



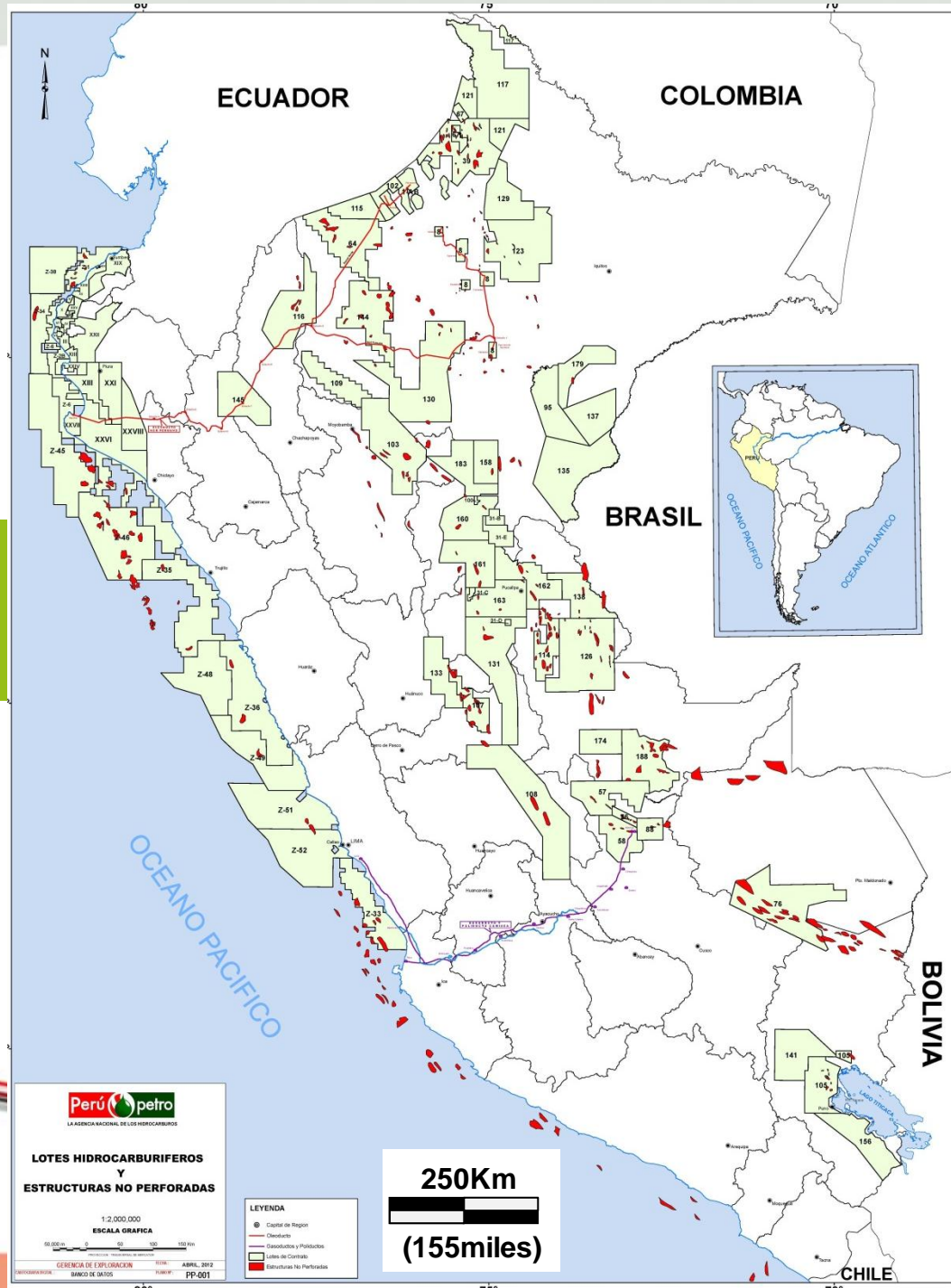
CATERPIZA 1X SITUCHE 2X/3X SHIVIYACU 1X PIRAÑA 1X RAYA 1X



Seismic Grid & Exploratory Wells Available Information



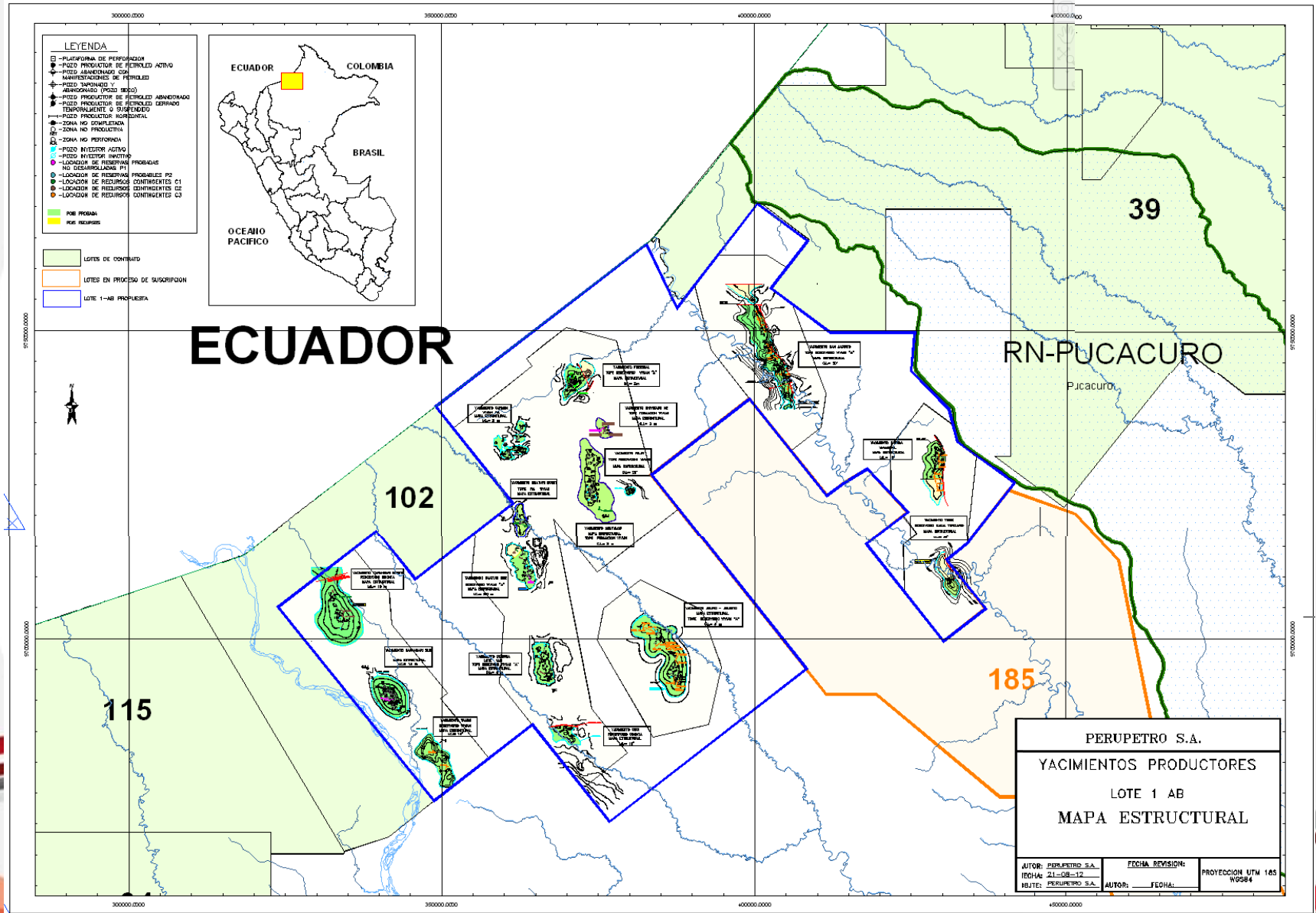
411 NON DRILLED STRUCTURES



NEXT BIDDING ROUND BLOCK 192 (Ex – 1 AB) NORTHERN MARAÑÓN BASIN



Location of Block 192



Reserves Block 192

BLOCK	RESERVES (MMBO)				
	Proved Developed	Proved Non Developed	Total Proved	Probable	Possible
192	57,7	14,7	72,5	187,5	79,7

(Source: General Bureau of Hydrocarbons - DGH)

Until April 2012, the cumulative production of fluids from Block 192 is as follows:

Cumulative Oil Production:	708'258,092 barrels of oil
Cumulative water production:	6,504'035,444 barrels of water
Cumulative Gas Production:	106,069.5 MM cubic feet of natural gas
Water cut of the Block:	96.9%.
The average API gravity of oil :	20.3 °
The average GOR of the Block:	368 MPC/BL
Number of wells drilled:	250 wells
Number of active wells:	110 from 12 fields.
The quality of crude focuses on three groups of fields:	
Light:	(> 30.0° API): North Capahuari, South Capahuari, Dorissa, South Huayurí
Medium:	(16.3° – 23.3° API): Carmen, Forestal, North Huayuri, Shiviyaçu, Northeast Shiviyaçu
Heavy:	(10.4° – 15.1° API): Jibarito, Jíbaro, San Jacinto.

Reserves Block 192 (Ex - 1AB)

HEAVY OIL (MMSTB) PLUSPETROL BLOCK 1AB				
FIELDS	RESERVES P1-P4 (MMSTB)	ACUMULATED PRODUCTION (MMSTB)	% PRODUCED	EUR (MMSTB)
BARTRA	15	30	0.67	45
JIBARITO	59	69	0.54	128
JIBARO	37	27	0.42	64
SAN JACINTO	63	68	0.52	131
TIGRE	5	UNDEVELOPED		5
SUBTOTAL	178	194		372

Fuente: Libro de Reservas del 1AB – 2010 PLUSPETROL

(*)
P1 – P3 reservas probadas, probables y posibles.
P4: reservas contingentes

Daily Heavy Oil Production Block 192 (Ex – 1AB)

HEAVY OIL PRODUCTION PLUSPETROL BLOCK 1AB

CAMPOS	DECEMBER 2010	
	BOPD	API
JIBARITO	3855.0	10.4
JIBARO	1517.0	10.5
SAN JACINTO	2963.0	15.6
	8335.0	

Fuente: Libro de Reservas del 1AB – 2010 PLUSPETROL

NEXT BIDDING ROUND 2012 36 BLOCKS FOR EXPLORATION ACTIVITIES



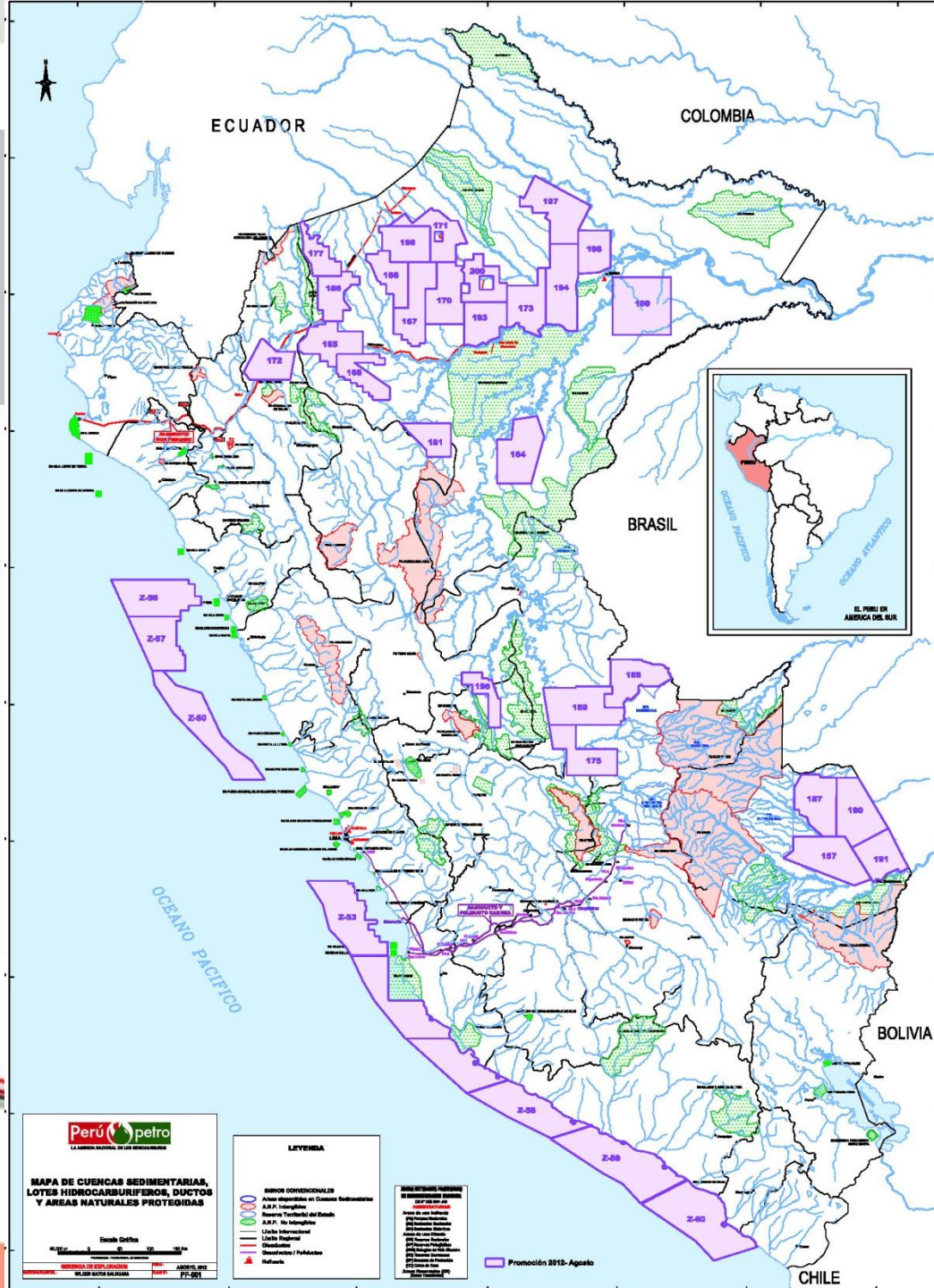
The National Agency of Hydrocarbons

BIDDING ROUND 2012

36 BLOCKS
9 Offshore
27 Onshore

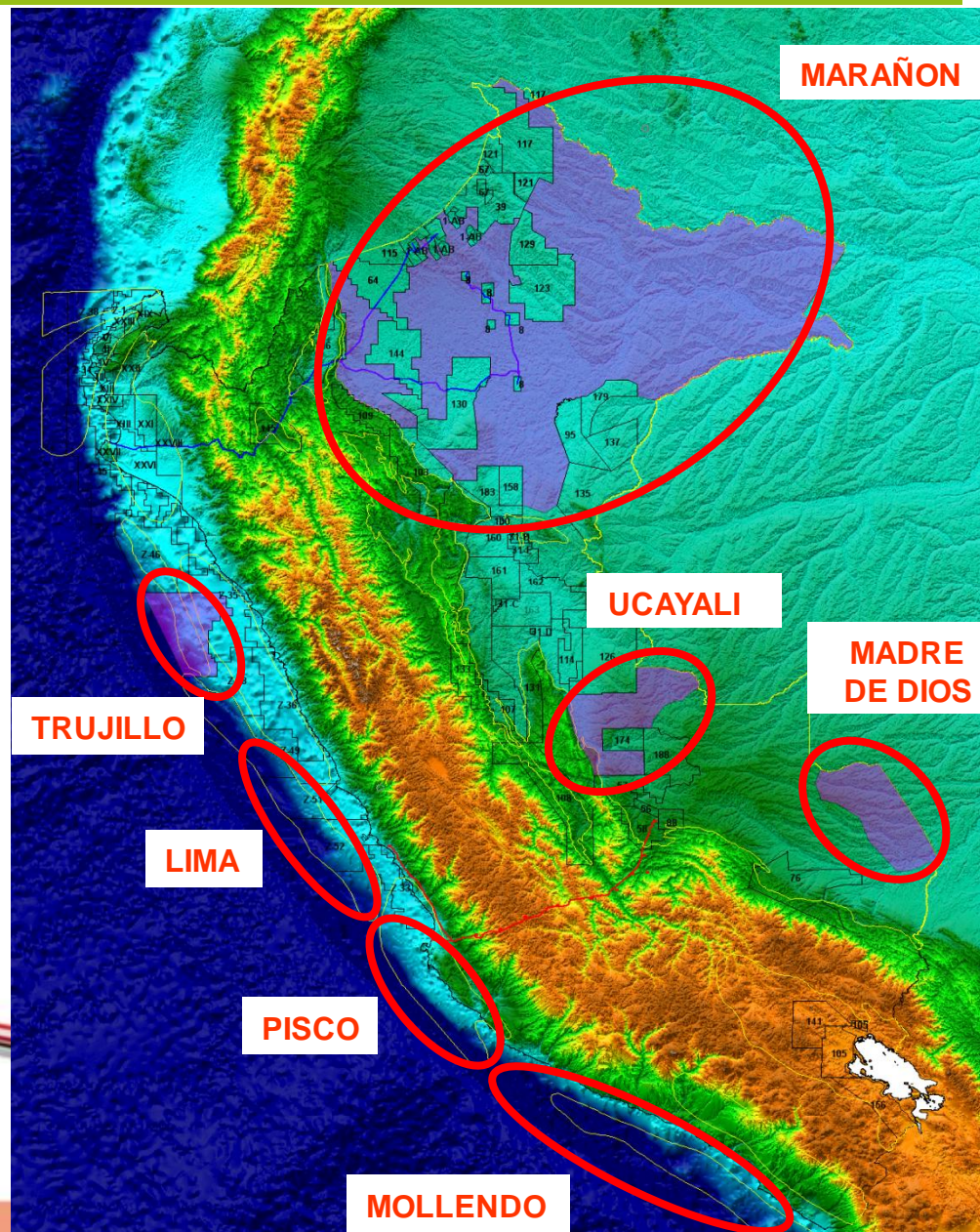
FOR EXPLORATION
ACTIVITIES

November 2012



Available Areas in 7 Basins

For further information:
promotion@perupetro.com.pe



1. All seismic, well data and logs and technical reports available
2. To be downloaded immediately
3. Information and data free of cost



The screenshot shows the Perupetro website interface. At the top, there is a navigation bar with links for Home, Site Map, Contact Us, and Intranet. Below this is a main menu with categories like About us, Important Information, Investor and Contracting, Environmental Protection, Press, Citizen Participation, and Offices Decentralized. A secondary menu highlights 'Promoting hydrocarbons we develop our Peru' with a language selector for Spanish and a date of January 17, 2012. The main content area features a 'Connection in Real time' banner, a news article titled 'Perupetro Sees Concessions', and a 'BUSINESS INSIDER' article about doubling oil and gas investment. A sidebar on the left contains 'Links' such as Block Maps, Oil Fees, Contract in Force, Monthly Reports, Daily Production, and Transparency. The central 'Press Releases' section includes a recent article about 2,028 million Soles transferred to regions. A 'Recent Events' section lists the end of the year and a press release about attracting investments. On the right, an 'ON LINE INFORMATION' table displays key metrics.

ON LINE INFORMATION	
WTI (13/01/12)	99.2 U\$/bl
Brent (16/01/12)	110.3 U\$/bl
Oil Prod. (16/01/12)	61.0 Mbl/d
Liq. Prod. Natural Gas (15/01/12)	75.1 Mbl/d
Gas Prod. (16/01/12)	996.4 MMcfd

Thank you very much

