

The Philippine Petroleum Resource Classification System

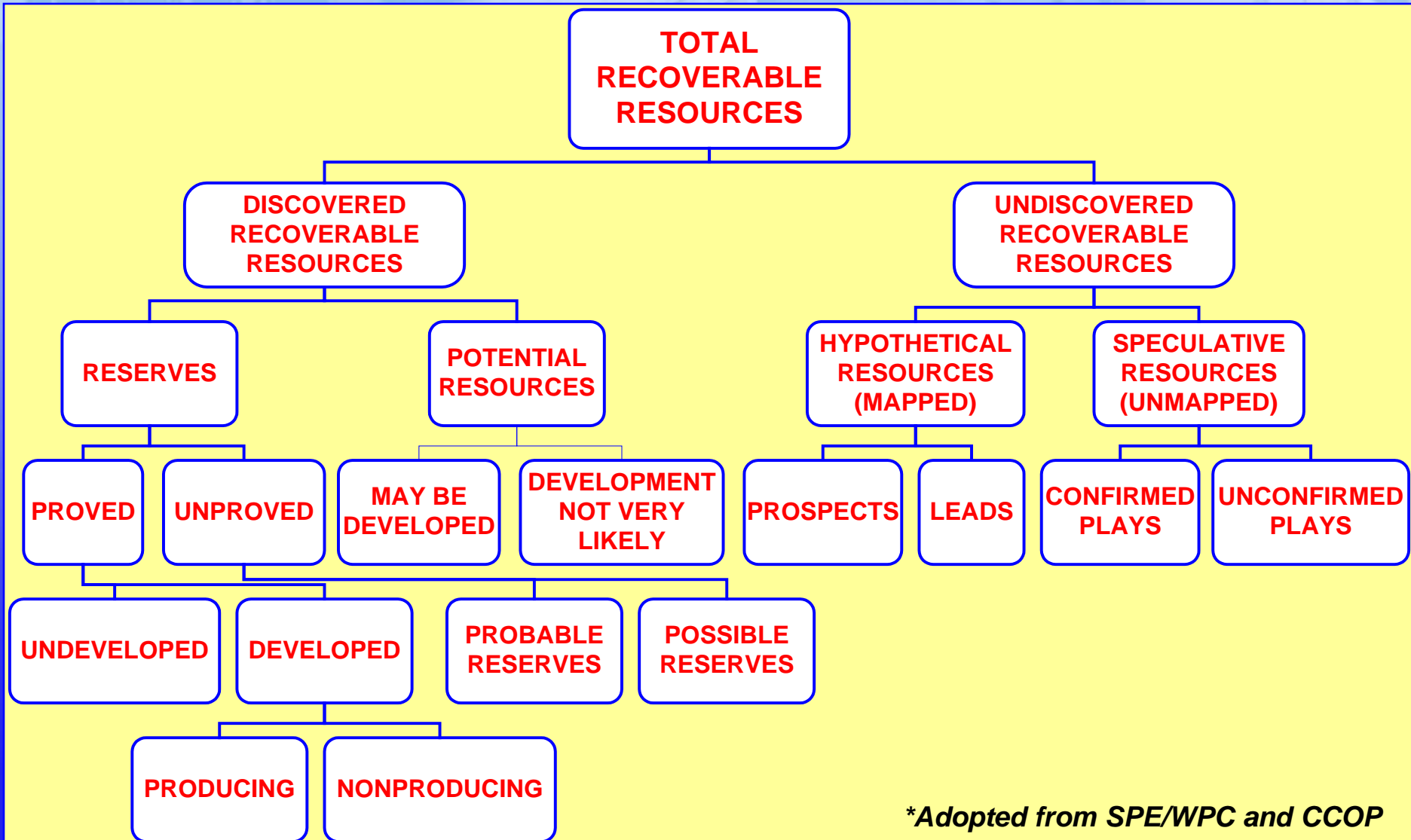
**Department of Energy
9-10 February 2012
Bangkok, Thailand**

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❖ References:

- Society of Petroleum Engineers (SPE)
- World Petroleum Congress (WPC)
- Coordinating Committee for Geoscience Programmes in East and Southeast Asia (CCOP)

The Philippine Petroleum Resource Classification System*



*Adopted from SPE/WPC and CCOP

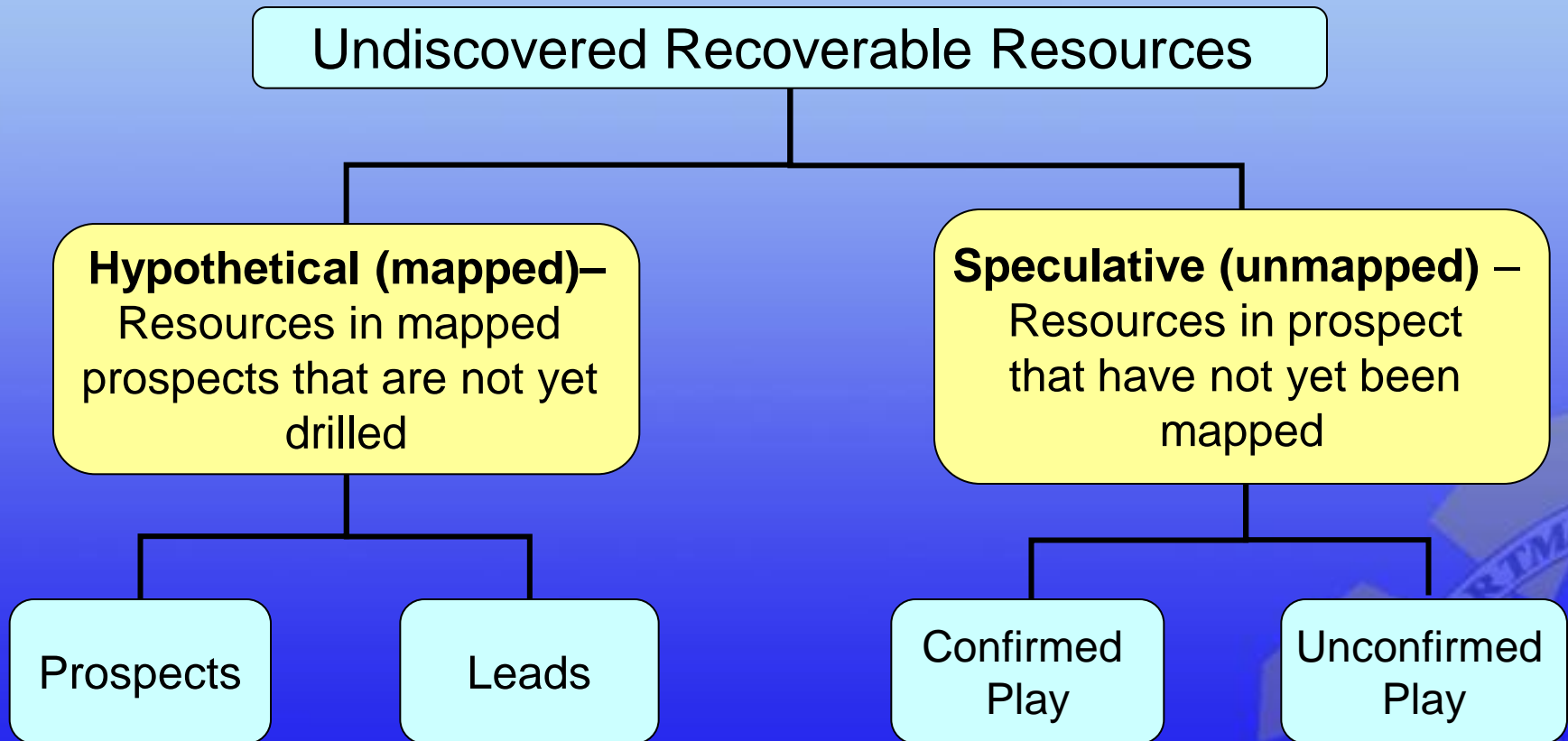
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Total Recoverable Resources – total quantities of discovered and undiscovered petroleum at a specific date in a given area.

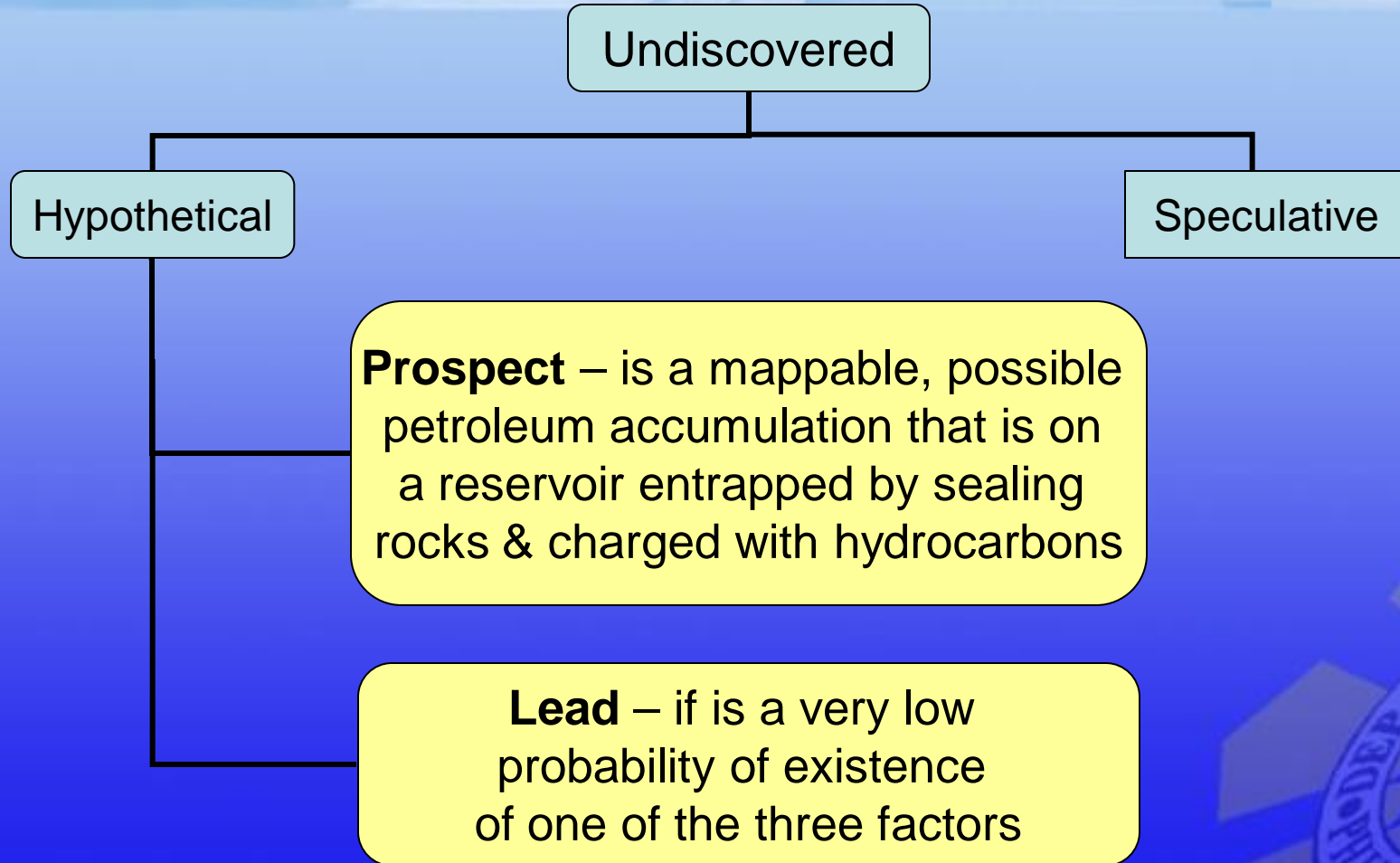
Discovered – Recoverable resources that comprise the total deliverable petroleum quantities from the start of production to the cease of production

Undiscovered – Total estimated quantities of petroleum at a specific date to be recoverable from accumulations that remains to be discovered

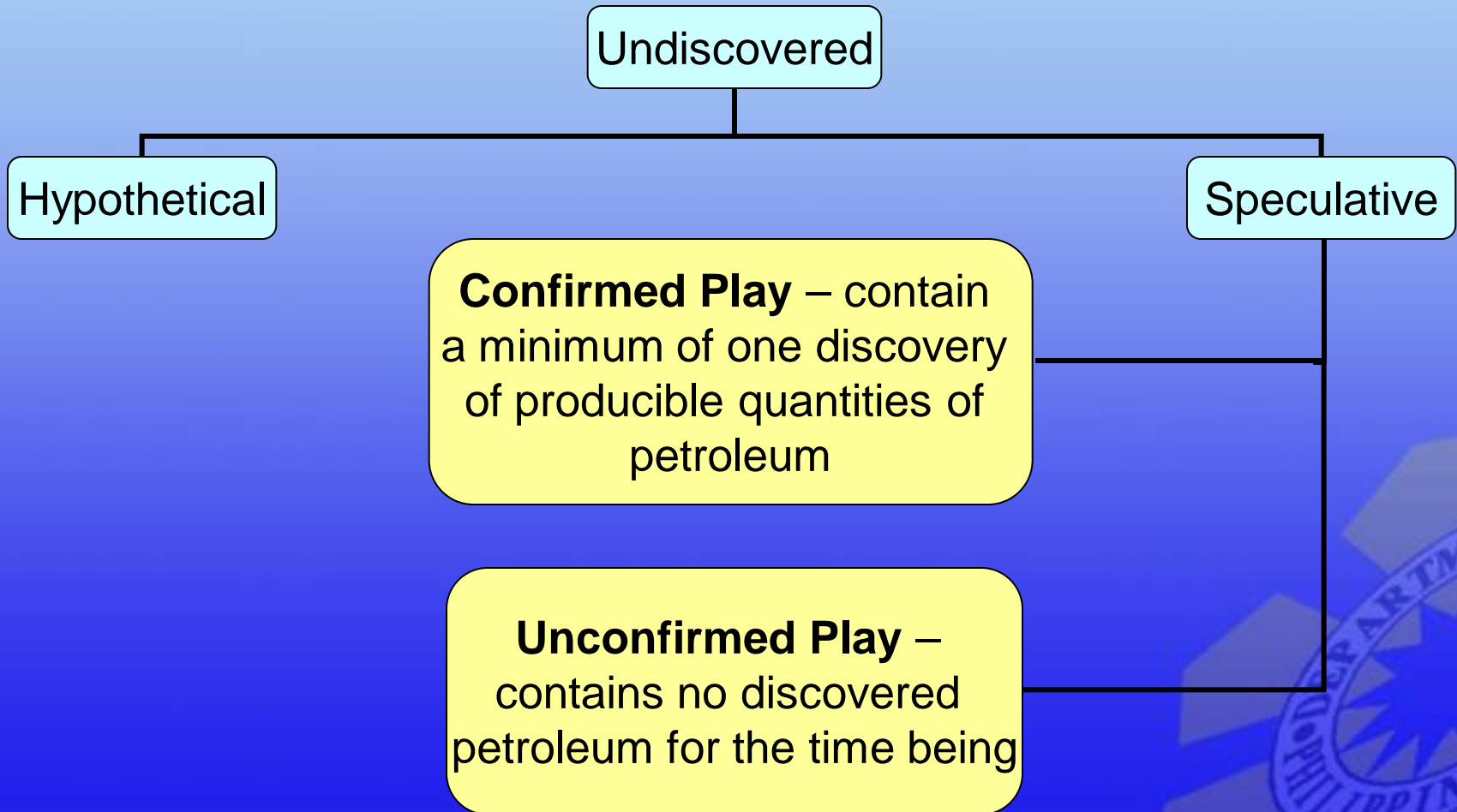
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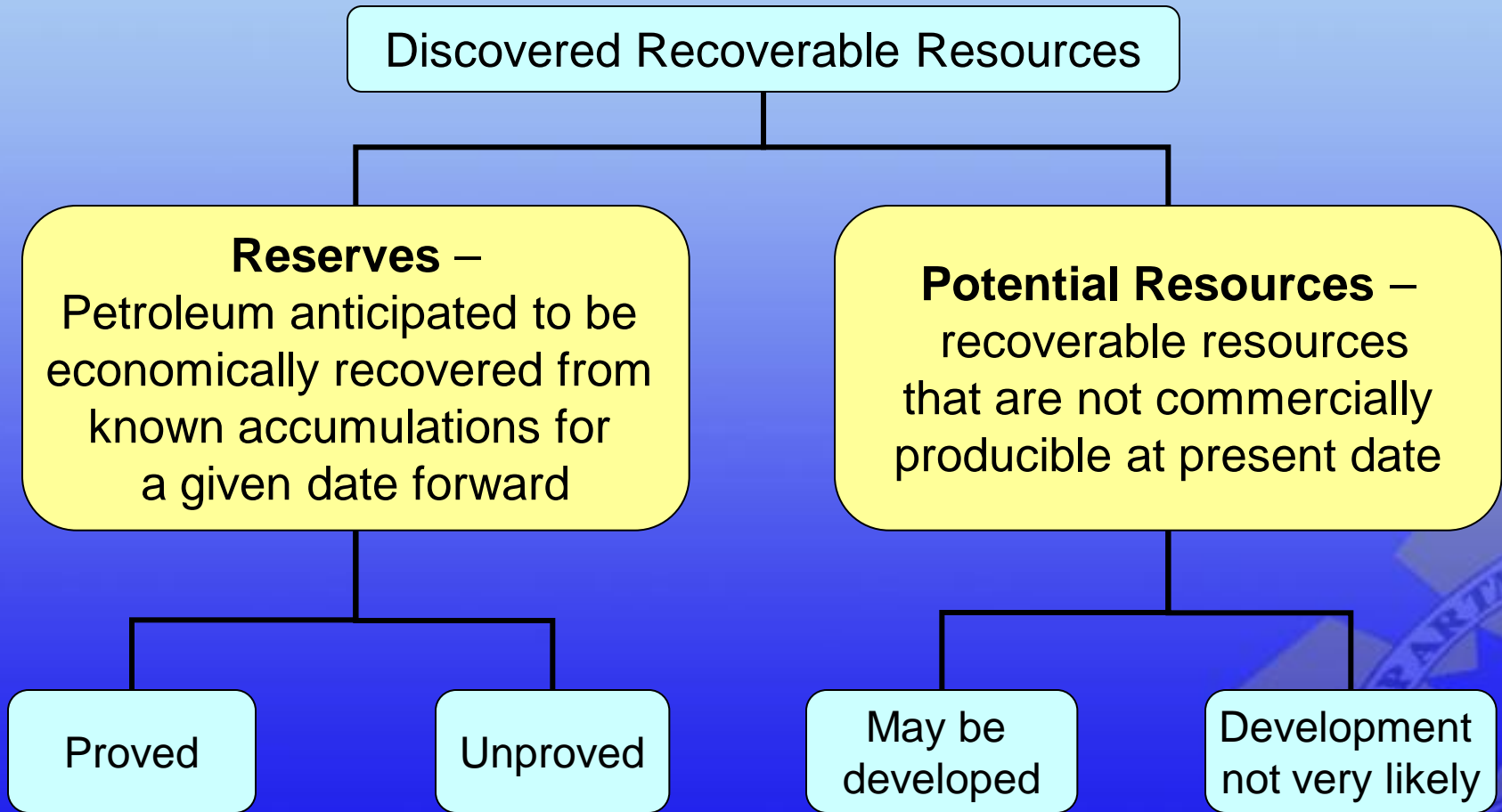


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- Play – geographically & stratigraphically delimited area where a set of specific geological factors is in place simultaneously.
- Geological Factors:
 - Reservoir rocks
 - Traps
 - Mature source rocks
 - Migration paths

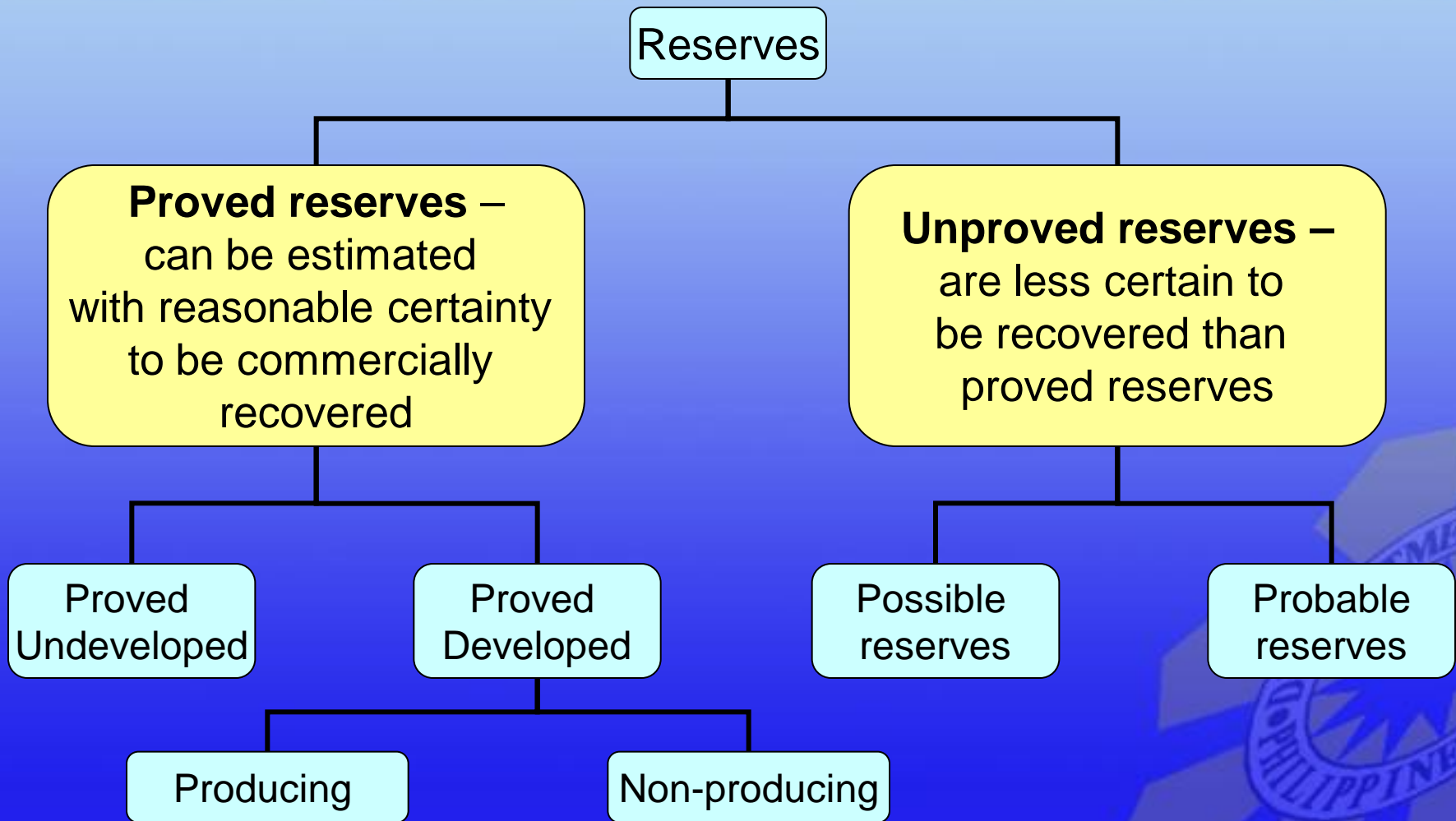


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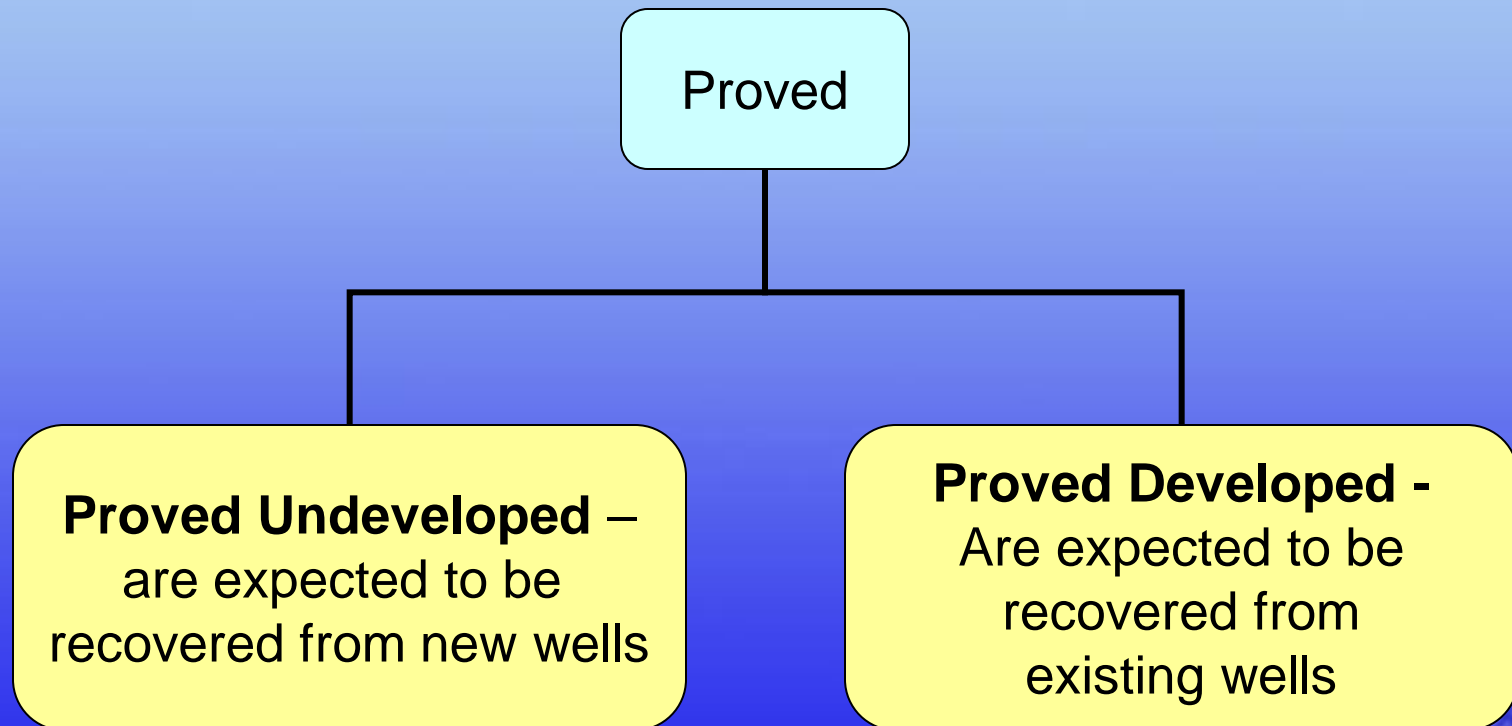
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Proved

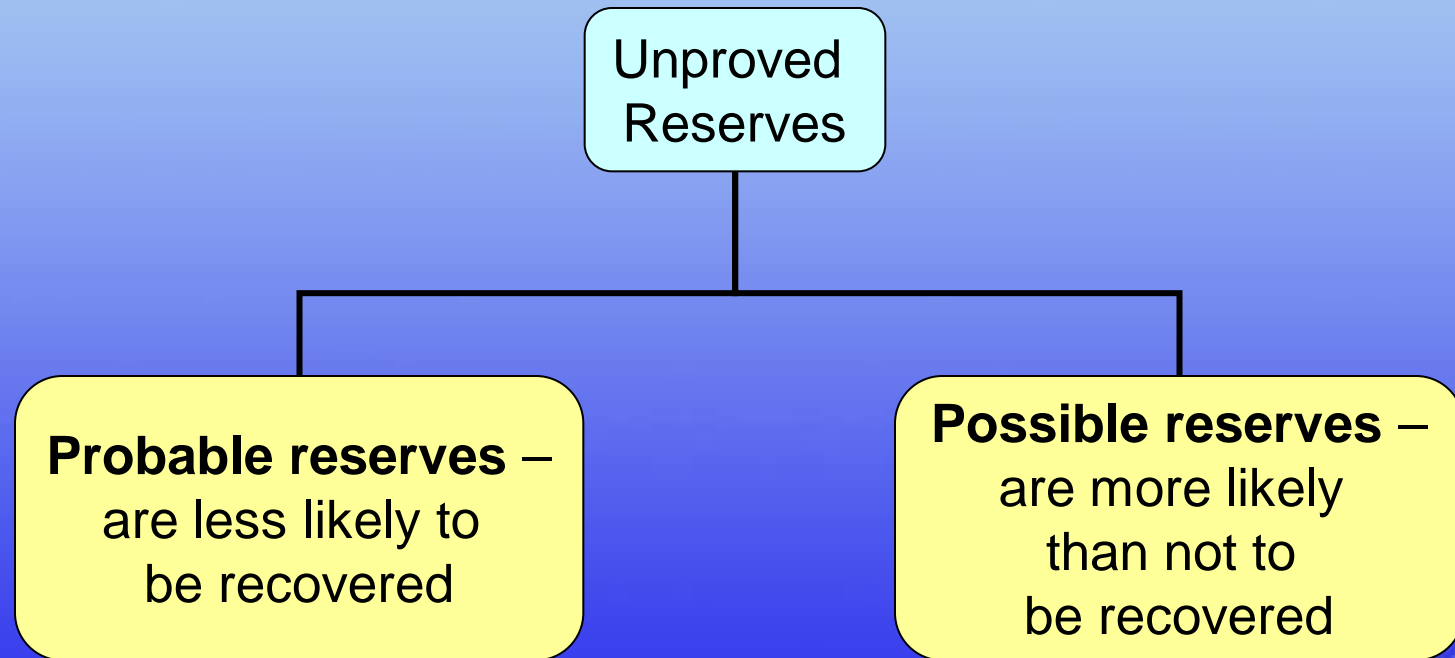
Undeveloped

Developed

Producing - resources expected to be recovered from completion intervals which are open & producing at the time of the estimate.

Non-Producing – include shut-in & behind-pipe reserves which are expected to be recovered from zones in existing wells, which will require additional completion work or future re-completion prior to the start of production

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The Philippine Petroleum Resource Classification System (Sample Matrix)

CLASSIFICATION				OIL (MMbbl)	GAS (Bcf)	CONDENSATE (MMbbl)
DISCOVERED RESOURCES	RESERVES	PROVED	DEVELOPED	PRODUCING		
				NON-PRODUCING <i>Development Plan</i>		
			UNDEVELOPED			
		UNPROVED	PROBABLE			
			POSSIBLE <i>Commerciality</i>			
			MAY BE DEVELOPED			
	POTENTIAL	DEVELOPMENT NOT VERY LIKELY				

The Philippine Petroleum Resource Classification System (Sample Matrix)

CLASSIFICATION		OIL (MMbbl)	GAS (Bcf)	CONDENSATE (MMbbl)
UNDISCOVERED RESOURCES	HYPOTHETICAL	PROSPECTS		
	<i>Mapped</i>	LEADS		
	SPECULATIVE	CONFIRMED PLAYS		
		<i>Unmapped</i>	UNCONFIRMED PLAYS	

The Philippine Petroleum Resource Classification System (Users of the System)

- National Statistical Coordination Board (NCSB)
- National Economic and Development Authority (NEDA)
- Philippine Stock Exchange (PSE)
- DOE – Energy Policy and Planning Bureau
- Petroleum Exploration Companies
- Foreign Statistical Agencies





End

Thank you!

