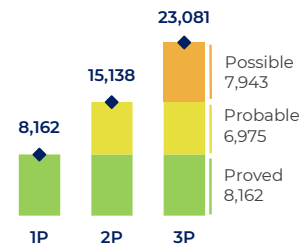


## Reserves as of January 1, 2023

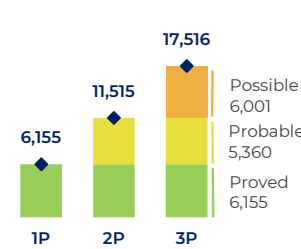
### Reserves

Quantities of hydrocarbons which are anticipated to be commercially recoverable through the application of development projects to known accumulations, from a given date forward, under defined conditions. To be considered as reserves, hydrocarbons must meet four criteria: to be discovered, recoverable, commercial and in place (from the effective date of appraisal), based on development projects.

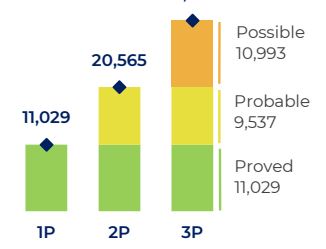
Reserves in oil equivalent  
MMboe



Reserves of oil  
MMbbl

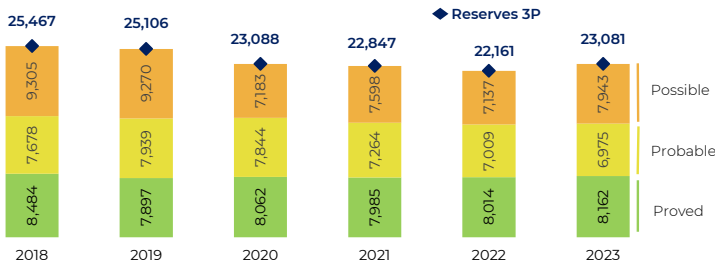


Reserves of natural gas  
Bcf



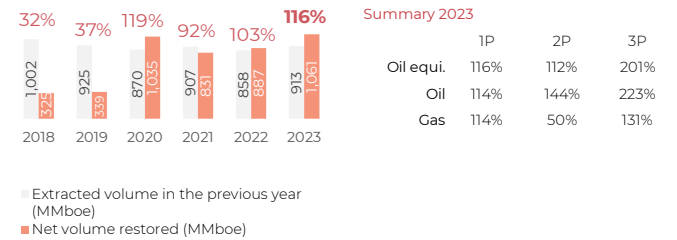
## Reserves evolution

2018-2023 3P reserves in oil equivalent  
as of January 1st of a given year  
MMboe



## 1P rate of reserves replacement in oil equivalent

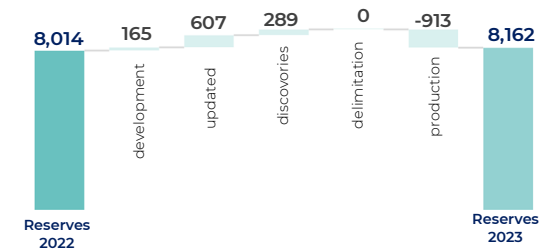
as of January 1st of a given year  
Percentage of the volume incorporated by discoveries, development and reserves updates base on the produced hydrocarbons' volume.



## 2022-2023 reserves' balance as of January 1st of a given year

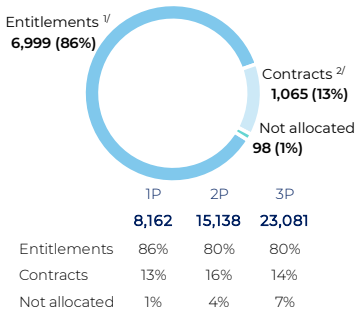
	Oil equivalent MMboe			Oil MMbbl			Natural gas Bcf		
	1P	2P	3P	1P	2P	3P	1P	2P	3P
2022 Reserves	8,014	15,024	22,161	6,059	11,220	16,688	10,781	21,460	31,015
Development	165	169	190	88	110	-63	321	191	1,441
Updated	607	-48	391	440	40	439	1,457	147	76
Discoveries	289	907	1,253	243	820	1,126	247	545	804
Delimitation	0	0	0	0	0	0	0	0	0
Production	-913	-913	-913	-675	-675	-675	-1,778	-1,778	-1,778
2023 Reserves	8,162	15,138	23,081	6,155	11,515	17,516	11,029	20,565	31,558

2022-2023 1P reserves graphic balance  
MMboe



## Reserves distribution

2023 1P reserves in oil equivalent  
as of January 1st 2023  
MMboe



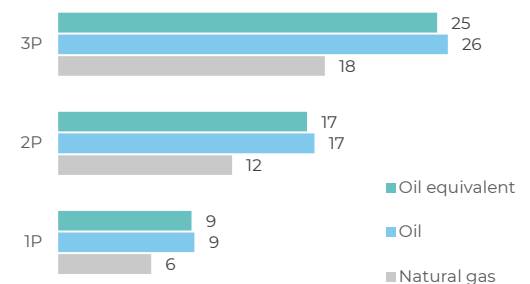
<sup>1/</sup>Includes reserved entitlements  
<sup>2/</sup>From bidding processes, farmouts and migrations  
<sup>3/</sup>Includes R01L03 y R02L03

Top 5: 1P reserves by field  
as of January 1st 2023

Reserves oil MMbbl	Field	1P reserves
1,818	Ixachi	
1,747	Quesqui	
581	Lakach	
421	Akal	
305	Ku	

Reserves natural gas Bcf	Field	1P reserves
936	Ayatsil	
567	Maloob	
325	Akal	
318	Quesqui	
227	Ixachi	

Average number of years in which the reserves may be depleted as of January 1, 2023, based on the production rate observed in 2022.



To consult the reserves by field,  
visit [Hydrocarbons Information System](#)

Source: Centro Nacional de Información de Hidrocarburos (CNIH) based on data from the Unidad Técnica de Extracción y su Supervisión of the CNH.

The definitions provided by this report followed the guidelines for quantification procedures and the nation's reserves certification. CNH adopted the Petroleum Management System, in its current English version as a reference methodology for the estimation and reserves consolidation.

Totals may not add up precisely due to rounding.

MMboe: millions (10<sup>6</sup>) of barrel of crude oil equivalent.

MMbbl: millions (10<sup>6</sup>) of barrels.

Bcf: billions (10<sup>9</sup>) of cubic feet