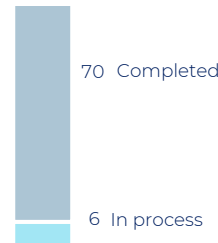


Reconnaissance and surface exploration

ARES fourth quarter 2024

Company	Project	Technology
Pemex	ARES-PMX-MX-15-7N1/2237-24	3D Seismic
Pemex	ARES-PMX-MX-15-7N1/2238-24	3D Seismic
Pemex	ARES-PMX-MX-15-7N1/2239-24	3D Seismic
Pemex	ARES-PMX-MX-15-7N1/2356-24	3D Seismic
Pemex	ARES-PMX-MX-15-7N1/2358-24	3D Seismic
Pemex	ARES-PMX-MX-15-7N1/2518-24	3D Seismic

76 current authorized projects



37%
With data acquisition

57%
With no data acquisition

7%
Well information with no acquisition

ARES register

	Top 5. Companies with most projects		
	Top	Company	Projects
105 Companies registered in ARES	1	Pemex	21
	2	Dowell-Slb	12
	3	Seitel	8
	4	TGS	8
	5	CGG México	7

Approved Exploration Plans, Appraisal and Pilot Programs Fourth quarter 2024

Operator	Block	Plan / Program	Well	Approval date	Investment MMUSD	Wells
Pemex Exploración y Producción	AE-0128	Modification to the Exploration Plan		10-oct-24	11.37	1
	AE-0129	Modification to the Exploration Plan		10-oct-24	10.21	1
	AE-0136	Modification to the Exploration Plan		05-nov-24	89.61	1
	AE-0139	Modification to the Exploration Plan		05-nov-24	59.10	1
	AE-0141	Modification to the Exploration Plan		24-oct-24	100.19	2
	AE-0142	Modification to the Exploration Plan		14-nov-24	52.21	1
	AE-0179	Modification to the Exploration Plan		24-oct-24	1.83	1
	AE-0180	Modification to the Exploration Plan		24-oct-24	9.81	1
	AE-0181	Modification to the Exploration Plan		24-oct-24	9.75	1
	AE-0183	Modification to the Exploration Plan		24-oct-24	10.16	1
Eni México, S. de R.L. de C.V.	CNH-R02-L01-A9.CS/2017	Appraisal Program	Yopaat-1EXP	26-nov-24	6.47	1
					367.18	12

Note:
The information corresponds to the most conservative scenarios.
MMUSD: Million Us Dollars

Authorized exploration wells Fourth quarter 2024

Operator	Block	Well	Environment	Authorization date	
Pemex Exploración y Producción	AE-0148	Aant-1EXP	Shallow water	31-oct-24	
		Nanik-101EXP	Shallow water	28-nov-24	
	AE-0142	Akubal-1SON	Onshore	28-nov-24	
		AE-0147	Macavil-1DEL	Onshore	08-oct-24
		AE-0149	Xomili-1EXP	Shallow water	08-oct-24
	AE-0159	Tumut-101EXP	Shallow water	28-nov-24	
Pantera Exploración y Producción 2.2, S.A.P.I. de C.V.	CNH-R02-L02-A9.BG/2017	Sasán-1EXP	Onshore	15-oct-24	
Jaguar Exploración y Producción 2.3, S.A.P.I. de C.V.	CNH-R02-L03-VC-02/2017	Uxu-1EXP	Onshore	07-nov-24	

Note:
The modifications to drilling authorizations are not considered.

Check the authorizations and approvals at gob.mx/cnh/articulos/registro-publico

Wells completed in 2024

Result of completed wells in 2024

	Entitlements Exploratory	Contracts Exploratory
Oil producer	1	
Oil discoverer	9	2
Gas and condensate discoverer well	1	
Dry gas discoverer		1
Non-commercial producer	4	1
Water invaded	9	
Dry	4	2
	28	6

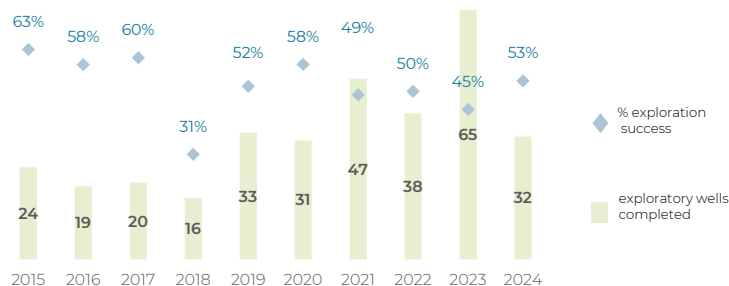
Notes:

With the information available as of September 09, 2024.

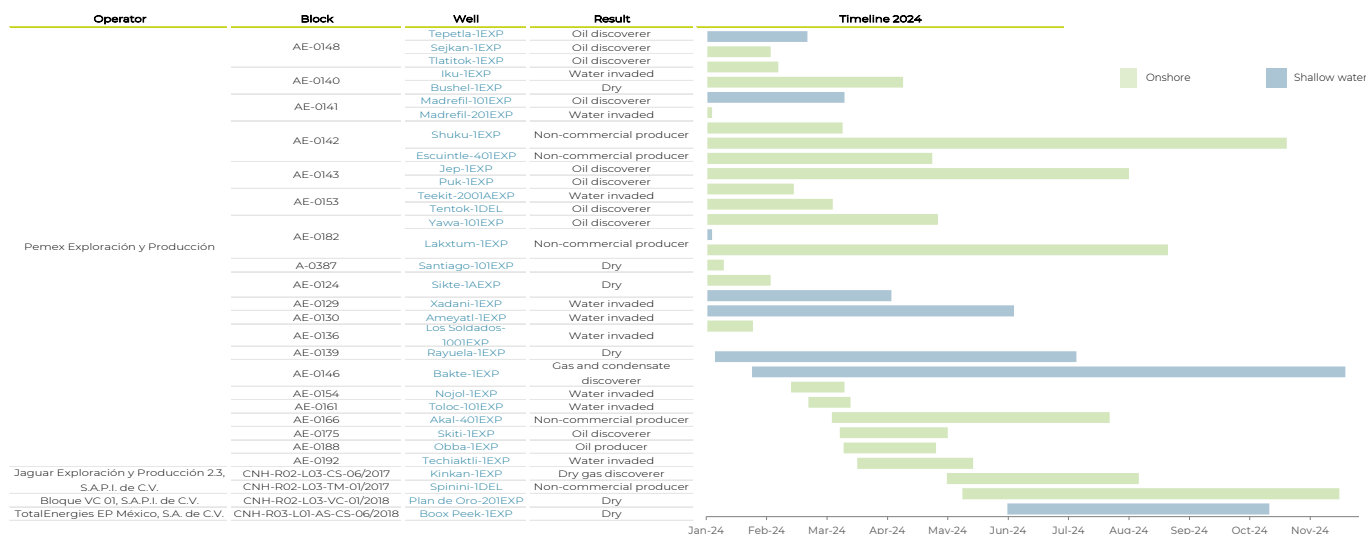
In accordance with the Well Drilling Guidelines (Lineamientos de Perforación de Pozos), there is a deadline for Oil Operators to report to the Commission the final results of the wells; thus, information is subject to updating and changes.

The exploration success rate does not include appraisal wells and for the calculation it only considers exploration wells with the following results: producer, discoverer, successful and non-commercial producer.

Exploration success rate¹



Follow up of exploration wells completed in 2024



Notes:

With the information available as of September 09, 2024.

In accordance with the Well Drilling Guidelines (Lineamientos de Perforación de Pozos), there is a deadline for Oil Operators to report to the Commission the final drilling results and completion of exploratory wells; thus, information is subject to updating and changes.

Discoveries in 2024

Operator	Block	Discovery well	Location	Age	Estimated preliminary volumes		
					Liquid hydrocarbons (MMb)	Gas (Bcf)	
Pemex Exploración y Producción	AE-0148 - Uchukil	Sejkan-1EXP	Shallow water	Upper Miocene, Lower Pliocene	19.60	47.50	
		Tepetla-1EXP	Shallow water	Lower Pliocene	1.80	4.80	
		Tlatitok-1EXP	Shallow water	Upper Miocene, Lower Pliocene	41.10	53.80	
		Escuintle-401EXP	Onshore	Cretaceous	1.30	3.60	
	AE-0142 - Comalcalco	Shuku-1EXP	Onshore	Upper Miocene, Lower Pliocene	1.10	0.40	
		AE-0143 - Comalcalco	Jep-1EXP	Onshore	Lower Pliocene	1.10	2.50
	Puk-1EXP		Onshore	Lower Pliocene	7.20	30.30	
	AE-0153 - Uchukil	Teekit-1101EXP	Shallow water	Middle Pliocene		5.00	
		Tentok-1DEL	Shallow water	Lower Pliocene	3.80	1.70	
		Akal-401EXP	Shallow water	Upper Kimmeridgian Jurassic	8.50	1.90	
	AE-0166 - Campeche Oriente	Mabalnak-1EXP	Mabalnak-1EXP	Shallow water	Upper Kimmeridgian Jurassic	2.00	0.80
			Laktum-1EXP	Onshore	Middle Cretaceous	3.40	2.40
		Yawa-101EXP	Onshore	Middle Cretaceous (Tamabra)	17.00	10.00	
		AE-0135 - Cuichapa	Womu-1EXP	Onshore	Lower Pliocene	0.00	1.10
		AE-0141 - Comalcalco	Madrefil-101EXP	Onshore	Upper Kimmeridgian Jurassic	21.00	52.00
		AE-0146 - Comalcalco	Bakte-1EXP	Onshore	Cretaceous	55.00	519.00
		AE-0147 - Comalcalco	Macavil-1EXP	Onshore	Middle Cretaceous	19.50	203.00
		AE-0154 - Chalabil	Barmo-1EXP	Shallow water	Lower Pliocene, Middle	4.70	1.80
AE-0160 - Chalabil		Etikal-201EXP	Shallow water	Upper Cretaceous	22.40	33.60	
AE-0175 - Chuyan		Skiti-1EXP	Onshore	Middle Cretaceous (Tamabra)	0.00	0.00	
AE-0192 - Techiaktli	Techiaktli-1EXP	Onshore	Cretaceous	33.00	280.00		
Eni México, S. de R.L. de C.V.	CNH-R02-L01-A10.CS/2017	Sásil-1EXP	Shallow water	Upper Miocene	73.00	36.00	
		Yopaat-1EXP	Deep water	Upper Miocene, Upper Pliocene, Lower Pliocene	81.00	71.00	
Jaguar Exploración y Producción 2.3, S.A.P.I. de C.V.	CNH-R02-L03-CS-06/2017	Kinkan-1EXP	Onshore	Miocene (Amate inferior)	0.00	29.50	
PC Carigali Mexico Operations, S.A. de C.V.	CNH-R01-L04-A4.CS/2016	Naajal-1EXP	Deep water	Upper Miocene	74.00	20.00	

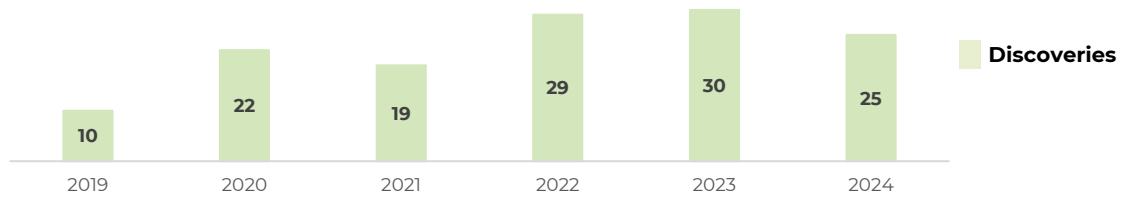
Note:

Discoveries with ratification or knowledge by the CNH.

MMb: Million barrels.

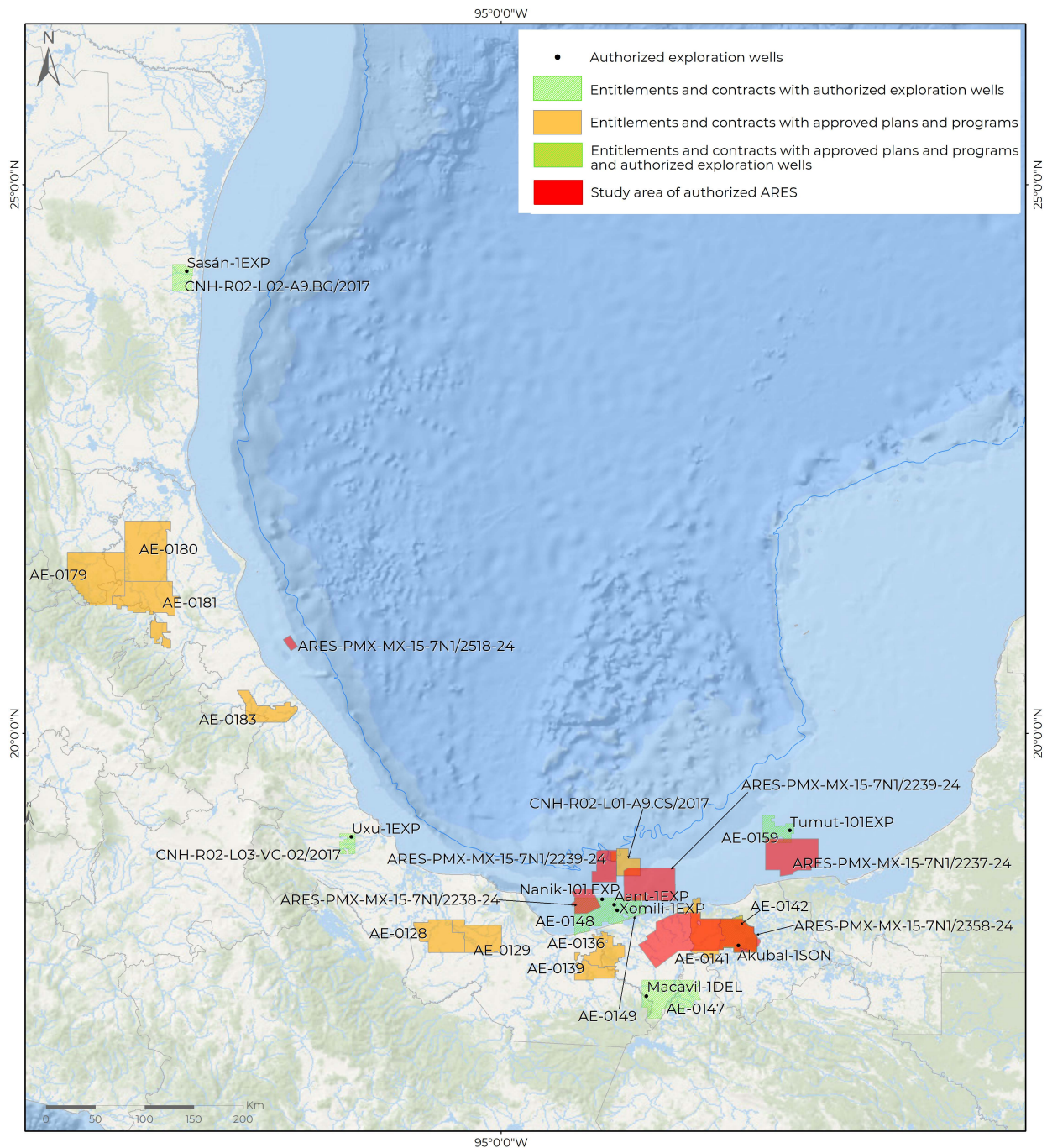
Bcf: Billion Cubic Feet

Discoveries per year
Fourth quarter 2024



Note:
Discoveries with ratification or knowledge by the CNH.

Approvals and authorizations location
Fourth quarter 2024



Visit the [Hydrocarbon Map](#)