

Reconnaissance and surface exploration

ARES first quarter 2024

Company	Project	Technology
No authorized projects		

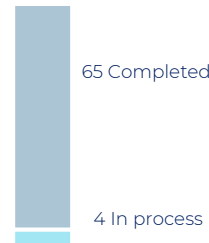
ARES register

105
Companies registered in
ARES

Top 5. Companies with most projects

Top	Company	Projects
1	Pemex	13
2	Dowell-Slb	12
3	Seitel	8
4	TGS	8
5	CGG México	7

69 current authorized projects



41%
With data acquisition

52%
With no data acquisition

7%
Well information with no
acquisition

Approved Exploration Plans, Appraisal and Pilot Programs First quarter 2024

Operator	Block	Plan / Program	Approval date	Investment MMUSD	Wells
Pemex Exploración y Producción	CNH-R03-L01-AS-CS-13/2018	Appraisal Program (Xale-1EXP)	29-Feb-24	0.35	0
	CNH-R03-L01-AS-CS-13/2018	Modification to the Exploration Plan	21-Mar-24	52.37	1
	AE-0153 - Uchukil	Appraisal Program (Ogachi-1EXP)	23-Jan-24	36.91	1
	AE-0151 - Uchukil	Modification to the Exploration Plan	1-Feb-24	38.60	1
	AE-0169 - Han	Modification to the Exploration Plan	22-Feb-24	39.91	1
	AE-0170 - Holok	Modification to the Exploration Plan	22-Feb-24	48.03	1
	AE-0172 - Holok	Modification to the Exploration Plan	22-Feb-24	53.84	1
	AE-0173 - Holok	Modification to the Exploration Plan	22-Feb-24	86.56	1
	AE-0174 - Holok	Modification to the Exploration Plan	22-Feb-24	84.92	1
	AE-0111 - Área Perdido	Modification to the Exploration Plan	27-Feb-24	116.37	1
	AE-0112 - Área Perdido	Modification to the Exploration Plan	27-Feb-24	82.25	1
	AE-0113 - Área Perdido	Modification to the Exploration Plan	27-Feb-24	136.10	1
	AE-0114 - Área Perdido	Modification to the Exploration Plan	27-Feb-24	99.86	1
	AE-0115 Área Perdido	Modification to the Exploration Plan	27-Feb-24	88.94	1
	AE-0116 - Área Perdido	Modification to the Exploration Plan	27-Feb-24	80.93	1
	AE-0117 - Área Perdido	Modification to the Exploration Plan	27-Feb-24	72.92	1
AE-0182 - Waya	Modification to the Exploration Plan	5-Mar-24	13.84	1	
Capricorn Energy México, S. de R.L. de C.V.	CNH-R02-L01-A9.CS/2017	Modification to the Exploration Plan	9-Jan-24	43.86	1
Wintershall Dea México, S. de R.L. de C.V.	CNH-R03-L01-AS-CS-14/2018	Appraisal Program (Kan-1EXP)	6-Feb-24	131.77	1
Pantera Exploración y Producción 2.2, S.A.P.I. de C.V.	CNH-R02-L02-A4.BG/2017	Modification to the Exploration Plan	21-Mar-24	11.63	1
				1,319.96	19

Note:
The information corresponds to the most conservative scenarios

Authorized exploration wells First quarter 2024

Operator	Block	Well	Environment	Authorization date
Pemex Exploración y Producción	AE-0166 - Campeche Oriente	Sihil-101EXP	Shallow water	23-Jan-24
	AE-0131 - Llave	Chiltepec-1EXP	Onshore	23-Jan-24
	AE-0165 - Campeche Oriente	Ket-1EXP	Shallow water	1-Feb-24
	AE-0148 - Uchukil	Xale-101EXP	Shallow water	13-Feb-24
	AE-0182 - Waya	Yawa-101EXP	Onshore	5-Mar-24
	AE-0130 - Llave	Amextlán-1SON	Onshore	21-Mar-24
Eni México, S. de R.L. de C.V.	CNH-R02-L01-A10.CS/2017	Sáasil-TEXP	Deep water	30-Jan-24
Roma Energy México, S. de R.L. de C.V.	CNH-R01-L03-A16/2015	Paraiso-A1EXP	Onshore	5-Mar-24

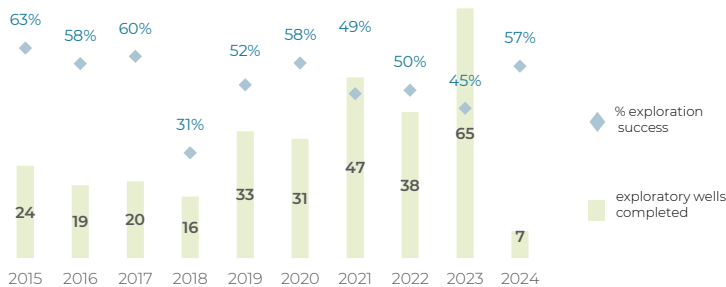
Note:
The modifications to drilling authorizations are not considered.

Wells completed in 2024

Result of completed wells in 2024

	Entitlements Exploratory	Contracts Exploratory
Oil producer	1	
Oil discoverer	2	
Non-commercial producer	1	
Dry	2	1
	6	1

Exploration success rate¹



Notes:

With the information available as of April 26, 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.

¹The 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.

Follow up of exploration wells completed in 2024

Operator	Block	Well	Result	Timeline 2024
Pemex Exploración y Producción	AE-0124 - Llave	Sikte-1AEXP	Dry	Onshore
	AE-0140 - Comalcalco	Bushel-1EXP	Dry	Onshore
	AE-0142 - Comalcalco	Shuku-1EXP	Non-commercial producer	Onshore
	AE-0148 - Uchukil	Tepetla-1EXP	Oil discoverer	Shallow water
	AE-0175 - Chuyan	Skiti-1EXP	Oil discoverer	Onshore
	AE-0188 - Llave 5	Obba-1EXP	Oil producer	Onshore
Bloque VC 01, S.A.P.I. de C.V.	CNH-R02-L03-VC-01/2018	Plan de Oro-201EXP	Dry	Onshore

Notes:

With the information available as of April 26, 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.

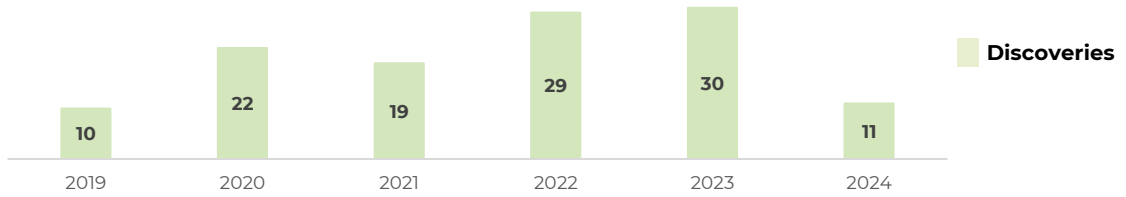
Discoveries in 2024

Operator	Block	Discovery well	Location	Age	Estimated preliminary volumes	
					Liquid hydrocarbons (MMb)	Gas (Bcf)
Pemex Exploración y Producción	AE-0142 - Comalcalco	Techiaktli-1EXP	Onshore	Cretaceous	33.00	280.00
		Escuintle-401EXP	Onshore	Cretaceous	1.25	3.64
	AE-0135 - Cuichapa	Shuku-1EXP	Onshore	Lower Pliocene, Upper Miocene	1.05	0.34
	AE-0192 - Techiaaktli	Womu-1EXP	Onshore	Lower Pliocene	0.01	1.15
	AE-0146 - Comalcalco	Bakte-1EXP	Onshore	Cretaceous	55.00	519.00
	AE-0148 - Uchukil	Tepetla-1EXP	Shallow water	Lower Pliocene	1.82	4.75
	AE-0141 Comalcalco	Madrefil-101EXP	Onshore	Upper Jurassic	21.00	52.00
	AE-0153 - Uchukil	Teekit-1101EXP	Shallow water	Middle Pliocene		5.00
	AE-0160 - Chalabil	Etkal-201EXP	Shallow water	Upper Cretaceous	22.38	33.62
	AE-0154 - Chalabil	Bamoa-1EXP	Shallow water	Middle Pliocene, Lower Pliocene	4.71	1.87
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.

Discoveries per year
First quarter 2024



Note:
Discoveries with ratification or knowledge by the CNH.

Approvals and authorizations location
First quarter 2024

