

Reconnaissance and surface exploration

Projects approved in 2020

Company	Project	Technology
Stratascan	ARES-STR-MX-17-6T8/10162-19	Biostratigraphic
EMGS	ARES-MGS-MX-15-9I3/427-20	Electromagnetic
PEMEX	ARES-PMX-MX-15-7N1/11406-19	2D and 3D seismic

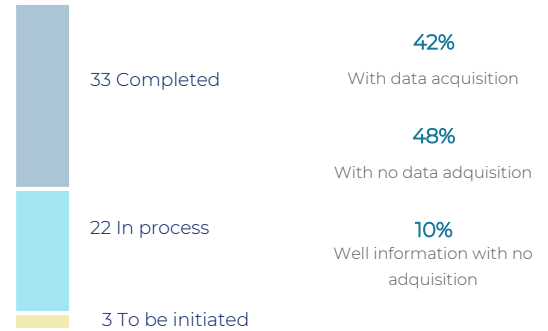
ARES register

Top 5. Companies with most projects

Top	Company	Projects
1	Dowell-Slb	11
2	Seitel	8
3	TGS	8
4	CGG México	6
5	PEMEX	4

91 Companies registered in ARES

58 current authorized projects



Approved Exploration Plans and Appraisal Programs Second quarter 2020

Operator	Contract / Entitlement	Plan / Program	Investment MMUSD	Wells
Shell Exploración y Extracción de México	CNH-R02-L04-AP-PG03/2018	Modification to the Exploration Plan	14.56	0
	CNH-R02-L04-AP-PG06/2018	Modification to the Exploration Plan	78.01	1
Pantera Exploración y Producción	CNH-R02-L02-A4.BG/2017	Modification to the Appraisal Program	10.05	2
Murphy Sur	CNH-R01-L04-A5.CS/2016	Appraisal program	11.53	0
PEMEX Exploración y Producción	AE-0141	Exploration Plan - Initial period	157.18	3
	AE-0151	Appraisal program	250.41	3
Total			521.74	9

Note:

Authorized exploration wells¹ Second quarter 2020

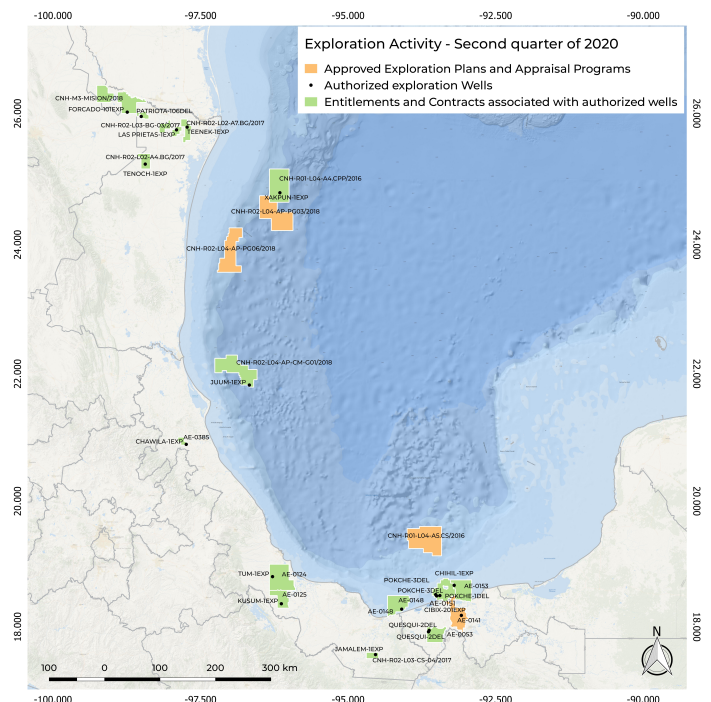
Operator	Contract / Entitlement	Well	Location	Authorization date
China Offshore Oil Corporation E&P Mexico	CNH-R01-L04-A4.CPP/2016	Xakpün-1EXP	Ultra deep water	18-Jun-20
Newpek Exploración y Extracción	CNH-R02-L03-BG-03/2017	Las Prietas-1EXP	Onshore	14-May-20
Operadora Bloque 12	CNH-R02-L03-CS-04/2017	Jamalem-1EXP	Onshore	18-Jun-20
	CNH-R02-L02-A4.BG/2017	Tenoch-1EXP	Onshore	23-Apr-20
Pantera Exploración y Producción 2.2	CNH-R02-L02-A5.BG/2017	Patriota-106DEL	Onshore	18-Jun-20
	CNH-R02-L02-A7.BG/2017	Teenek-1EXP	Onshore	18-Jun-20
PEMEX Exploración y Producción	AE-0151	Pokche-1DEL	Shallow water	16-Apr-20
	AE-0151	Pokche-2DEL	Shallow water	16-Apr-20
	AE-0153	Chihil-1EXP	Shallow water	23-Apr-20
	AE-0151	Pokche-3DEL	Shallow water	30-Apr-20
	AE-0385	Chawila-1EXP	Onshore	30-Apr-20
	AE-0053	Quesqui-4DEL	Onshore	12-May-20
	AE-0148	Camatl-1EXP	Shallow water	14-May-20
	AE-0151	Cibix-201EXP	Onshore	4-Jun-20
Repsol Exploración México	AE-0124	Tum-1EXP	Onshore	25-Jun-20
	AE-0125	Kusum-1EXP	Onshore	25-Jun-20
	AE-0053	Quesqui-2DEL	Onshore	30-Jun-20
	CNH-R02-L04-AP-CM-C01/2018	Juum-1EXP	Ultra deep water	23-Apr-20
Servicios Múltiples de Burgos	CNH-M3-Misión/2018	Forcado-101EXP	Onshore	30-Apr-20

Note:

Exploration wells include stratigraphic boreholes and appraisal wells.

¹ Does not consider modifications made to drilling permits

Approval and authorizations location



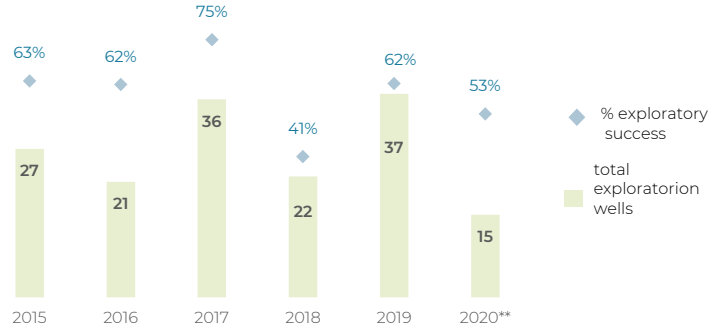
Refer to the Hydrocarbons Information System
sih.hidrocarburos.gob.mx

Exploration wells completed in 2020

Result of completed wells

	7 Entitlements	8 Contracts
Oil producer	2	3
Oil and gas producer		
Gas and condensate producer		
Wet gas producer		
Dry gas producer		2
Successful		
Non-commercial producer		1
Information collector		
Invaded with water	4	
Dry		2
Mechanical accident	1	

History of wells completed per year and exploratory success



Notes:

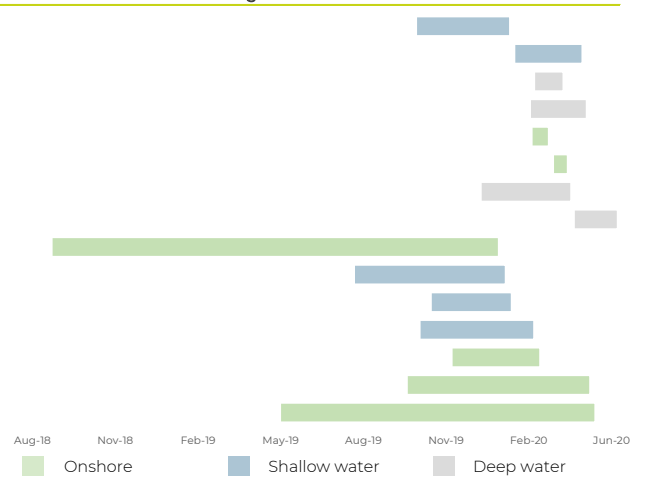
The 2020 information corresponds to cumulative data through June 2020.

Exploratory success rate includes wells with the following results: oil producer, oil and gas producer, gas and condensate producer, wet gas producer, dry gas producer successful and non-commercial producer.

Follow up of exploratorion wells completed in 2020

Operator	Well	Result	Contract / Entitlement
Eni	Sáasken-1EXP	Oil producer	CNH-R02-L01-A10-CS/2017
	Ehecatl-1EXP	Dry	CNH-R02-L01-A7-CS/2017
Repsol	Polok-1EXP ¹	Oil producer	CNH-R02-L04-AP-CS-G10/2018
	Chinwol-1EXP ¹	Oil producer	CNH-R02-L04-AP-CS-G10/2018
Newpek	Treviño-1001EXP	Dry gas producer	CNH-R02-L03-BG-02/2017
	Treviño-2001EXP	Dry gas producer	CNH-R02-L03-BG-02/2017
Shell	Chibu-1EXP	No commercial producer	CNH-R02-L04-AP-CS-G01/2018
	Max-1EXP	Dry	CNH-R02-L04-AP-CS-G02/2018
	Pankiwi-1EXP	Oil producer	AE-0073
PEMEX	Baalkah-1EXP	Invaded with water	AE-0018
	Zaziltun-1EXP	Invaded with water	AE-0155
	Ku-201EXP	Invaded with water	AE-0161
	Andarini-1EXP	Invaded with water	AE-0133
	Terra-101EXP	Oil producer	AE-0059
	Rabasa-1001EXP	Mechanical accident	AE-0042

Drilling start and end



Visit the Hydrocarbon map mapa.hidrocarburos.gob.mx

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

Note:

In accordance with the deadlines established in 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 change.