OIL ACTIVITY IN UNCONVENTIONAL PLAYS

March 2021

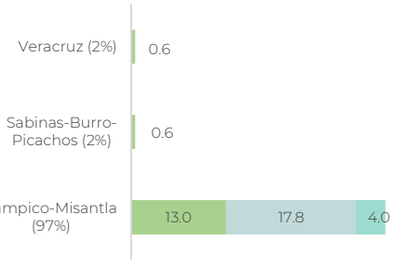
Estimated prospective resources

Crude oil equivalent

64.2 *Bboe*

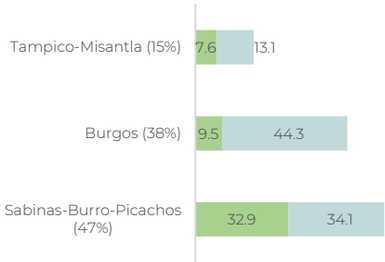
Oil

35.9 *Bbbl*



Natural gas

141.5 *Tcf*



Plays

Upper Cretaceus (Eagle Ford/Agua Nueva/Maltrata Fm)

Upper Jurassic (Tithonian - La Casita/Pimienta Fm)

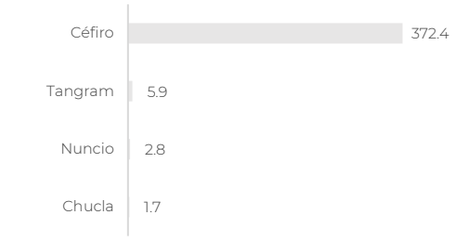
Upper Jurassic (Oxfordian - Santiago Fm)

3P Reserves

as of January 1, 2020

Natural gas

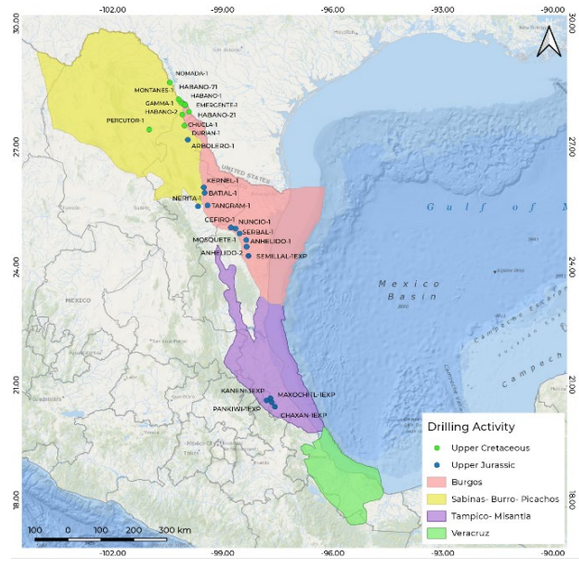
382.9 *Bcf*



Drilling activity

Objective	Well	Year	Result	Vertical depth (m)	Developed depth (m)
Upper Cretaceous (Eagle Ford Fm)	Emergente-1	2010	Dry gas producer	2,550	4,071
	Montañes-1	2011	Gas and condensate producer	1,558	3,200
	Nómada-1	2011	Dry	1,157	2,850
	Percutor-1	2011	Dry gas producer	1,649	3,436
	Chucla-1	2012	Gas and condensate producer	1,797	3,705
	Habano-1	2012	Gas and condensate producer	2,057	3,770
	Habano-21	2012	Gas and condensate producer	2,159	3,725
	Habano-71	2012	Gas and condensate producer	2,083	3,682
	Durian-1	2013	Dry gas producer	2,399	4,250
	Gamma-1	2013	Non-commercial producer	1,790	3,793
	Habano-2	2013	Gas and condensate producer	2,069	3,520
Upper Jurassic (Tithonian - Pimienta Fm)	Anhélido-1	2012	Oil producer	2,155	3,945
	Arbolero-1	2012	Dry gas producer	2,637	4,007
	Batial-1	2013	Non-commercial producer	2,968	4,199
	Céfiro-1	2013	Dry gas producer	2,868	4,598
	Kernel-1	2013	Dry gas producer	2,709	4,404
	Mosquete-1	2013	Dry	2,412	4,156
	Nerita-1	2013	Non-commercial producer	2,272	4,100
	Nuncio-1	2013	Dry gas producer	3,107	4,900
	Serbal-1	2013	Wet gas producer	2,929	4,750
	Tangram-1	2013	Dry gas producer	2,747	4,426
	Anhélido-2	2014	Gas and condensate producer	2,108	3,450
	Kaneni-1EXP	2018	Oil discovered	3,119	4,940
	Semillal-1EXP	2018	Oil producer	2,274	4,033
	Chaxán-1EXP	2019	Well not completed	2,729	4,575
	Pankiwi-1EXP	2019	Oil discovered	3,220	4,760
Upper Jurassic (Oxfordian - Santiago Fm)	Maxochitl-1EXP	2019	Oil discovered	3,556	4,370

The year indicated is that when drilling activities ended. It does not take into account the time elapsed during subsequent completion activities.



Activity in Exploration Plans

- The Entitlement AE-0121-TAMPICO MISANTLA considers in the incremental scenario the drilling of 7 wells, completion of the Chaxán-1EXP well, and estimated volume to incorporated of 131 MMboe in the Tithonian (Upper Jurassic) and 123 MMboe in the Oxfordian (Upper Jurassic), where the primary hydrocarbon expected is light oil.
- The Entitlement AE-0122-TAMPICO MISANTLA considers in the incremental scenario the drilling of 12 wells and estimated volume to be incorporated of 178 MMboe in the Tithonian (Upper Jurassic) and 213 MMboe in the Oxfordian (Upper Jurassic), where the primary hydrocarbon expected is light oil.
- The Entitlement AE-0387-Humapa considers in the incremental scenario the drilling of 1 well and estimated volume to be incorporated of 35 MMboe of light oil in the Oxfordian (Upper Jurassic).

Units:
Bboe: billion (10^9) barrels of oil equivalent.
MMboe: million (10^6) barrels of oil equivalent.
Bbbl: billion (10^9) barrels of oil.
Tcf: trillion (10^{12}) cubic feet.
Bcf: billion (10^9) cubic feet.

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