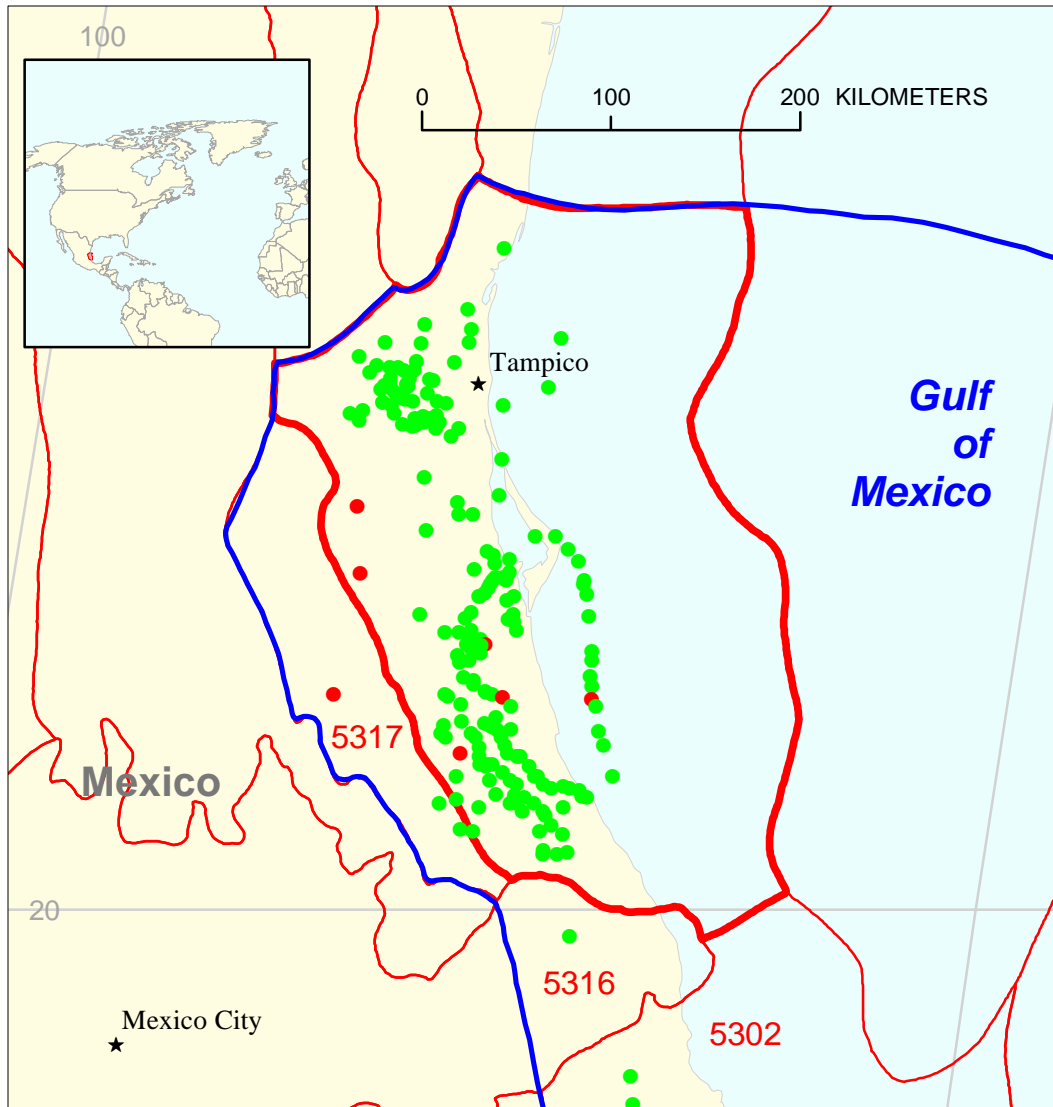





Tampico-Misantla Basin Geologic Province 5301



 Pimienta-Tamabra
Total Petroleum System 530501

-  Pimienta-Tamabra Total Petroleum System 530501
-  Tampico-Misantla Basin Geologic Province 5301
-  Other geologic province boundary

Tampico-Misantla Basin, Province 5301
Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

Code and Field Type	MFS	Prob. (0-1)	Undiscovered Resources											
			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean

5301 Total: Assessed onshore portions of Tampico-Misantla Basin Province

Oil Fields		1.00	43	178	465	205	81	348	975	414	5	20	61	25
Gas Fields							1	4	11	5	0	0	1	0
Total		1.00	43	178	465	205	82	352	986	419	5	21	61	25

5301 Total: Assessed offshore portions of Tampico-Misantla Basin Province

Oil Fields		1.00	144	596	1,546	687	275	1,178	3,274	1,399	16	69	204	84
Gas Fields							57	213	473	233	2	9	22	10
Total		1.00	144	596	1,546	687	332	1,391	3,747	1,632	18	78	226	94

5301 Grand Total: Assessed portions of Tampico-Misantla Basin Province

Oil Fields		1.00	187	773	2,011	893	356	1,526	4,249	1,813	20	89	265	109
Gas Fields							58	217	484	238	2	9	22	10
Total		1.00	187	773	2,011	893	414	1,743	4,733	2,051	22	99	287	119

Tampico-Misantla Basin, Province 5301
Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

Code and Field Type	MFS	Prob. (0-1)	Undiscovered Resources											
			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean

530501 Pimienta-Tamabra Total Petroleum System

53050101 El Abra-Like Reef and Backreef Limestone Assessment Unit (3.75% of undiscovered oil fields and 3.75% of undiscovered gas fields allocated to ONSHORE province 5301)

Oil Fields	1	1.00	3	10	22	11	4	12	30	14	0	1	2	1
Gas Fields	6						1	4	11	5	0	0	1	0
Total			1.00	3	10	22	11	5	17	41	19	0	1	2

53050101 El Abra-Like Reef and Backreef Limestone Assessment Unit (11.25% of undiscovered oil fields and 11.25% of undiscovered gas fields allocated to OFFSHORE province 5301)

Oil Fields	1	1.00	10	29	65	32	12	37	89	42	1	2	6	3
Gas Fields	6						3	13	34	15	0	1	2	1
Total			1.00	10	29	65	32	15	50	123	57	1	3	7

53050103 Tamabra-Like Debris-Flow-Breccia Limestone and Overlying Strata Assessment Unit (5% of undiscovered oil fields and 5% of undiscovered gas fields allocated to OFFSHORE province 5301)

Oil Fields	1	1.00	9	36	87	40	18	77	199	89	1	4	12	5
Gas Fields	6						53	201	439	219	2	9	20	10
Total			1.00	9	36	87	40	71	277	638	307	3	13	33

53050104 Tamabra-Like Debris-Flow-Breccia Limestone of the Golden Lane Assessment Unit (25% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE province 5301)

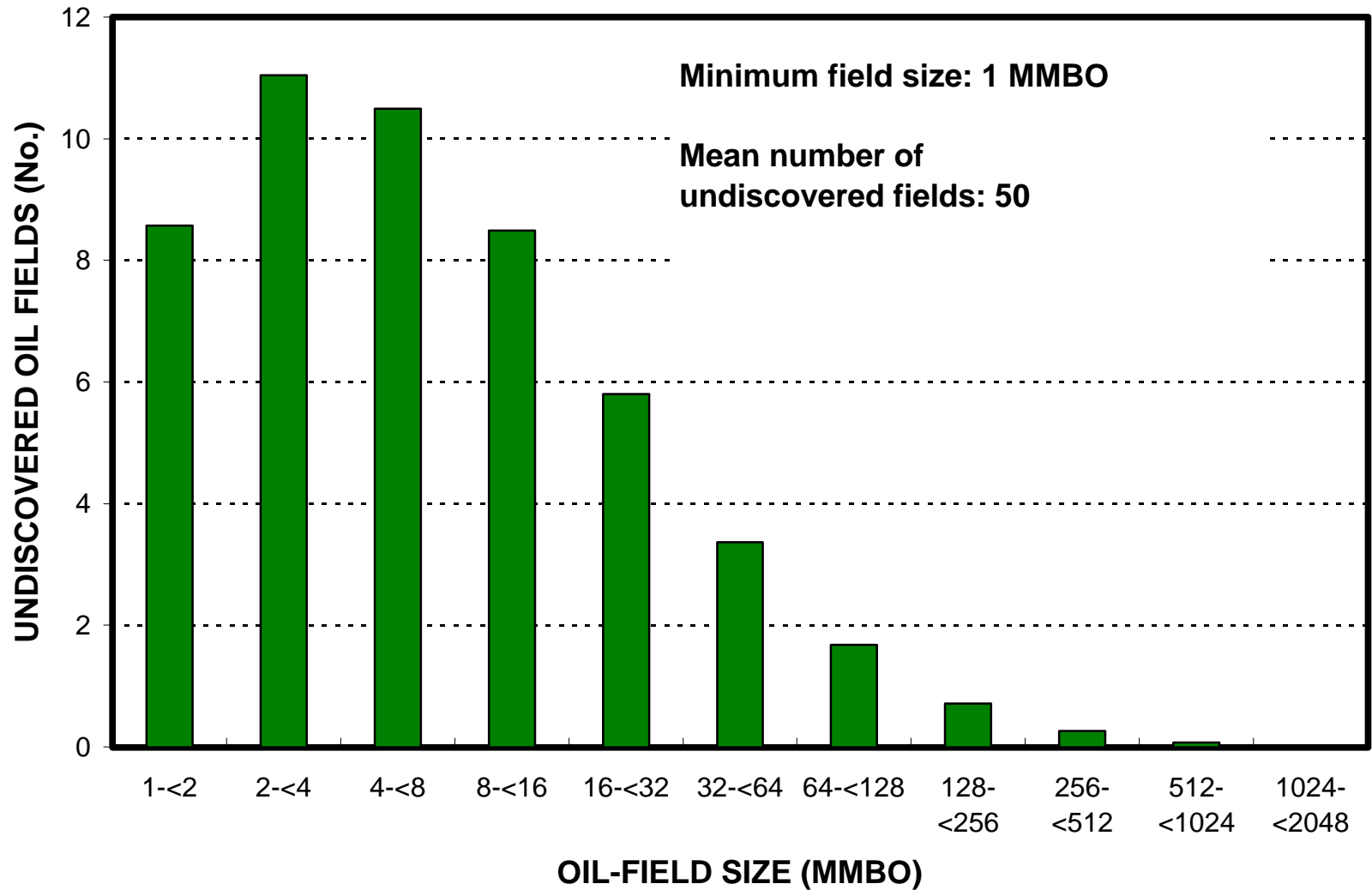
Oil Fields	1	1.00	26	119	323	139	49	231	667	278	3	14	42	17
Gas Fields	6						0	0	0	0	0	0	0	0
Total			1.00	26	119	323	139	49	231	667	278	3	14	42

Tampico-Misantla Basin, Province 5301
Assessment Results Summary - Allocated Resources

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. MFS, minimum field size assessed (MMBO or BCFG). Prob., probability (including both geologic and accessibility probabilities) of at least one field equal to or greater than the MFS. Results shown are fully risked estimates. For gas fields, all liquids are included under the NGL (natural gas liquids) category. F95 represents a 95 percent chance of at least the amount tabulated. Other fractiles are defined similarly. Fractiles are additive under the assumption of perfect positive correlation. Shading indicates not applicable]

Code and Field Type	MFS	Prob. (0-1)	Undiscovered Resources											
			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
53050104 Tamabra-Like Debris-Flow-Breccia Limestone of the Golden Lane Assessment Unit (75% of undiscovered oil fields and 0% of undiscovered gas fields allocated to OFFSHORE province 5301)														
Oil Fields	1	1.00	78	357	968	418	148	694	2,002	835	8	41	125	50
Gas Fields	6						0	0	0	0	0	0	0	0
Total			1.00	78	357	968	418	148	694	2,002	835	8	41	125
53050105 Tamaulipas-Like Basinal Limestone and Tertiary Strata Without Underlying Evaporites Assessment Unit (15.18% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE province 5301)														
Oil Fields	1	1.00	13	49	120	55	28	104	277	122	2	6	17	7
Gas Fields	6						0	0	0	0	0	0	0	0
Total			1.00	13	49	120	55	28	104	277	122	2	6	17
53050105 Tamaulipas-Like Basinal Limestone and Tertiary Strata Without Underlying Evaporites Assessment Unit (53.82% of undiscovered oil fields and 0% of undiscovered gas fields allocated to OFFSHORE province 5301)														
Oil Fields	1	1.00	48	173	427	197	98	370	983	433	6	22	61	26
Gas Fields	6						0	0	0	0	0	0	0	0
Total			1.00	48	173	427	197	98	370	983	433	6	22	61

Tampico-Misantla Basin, Province 5301 Undiscovered Field-Size Distribution



Tampico-Misantla Basin, Province 5301 Undiscovered Field-Size Distribution

