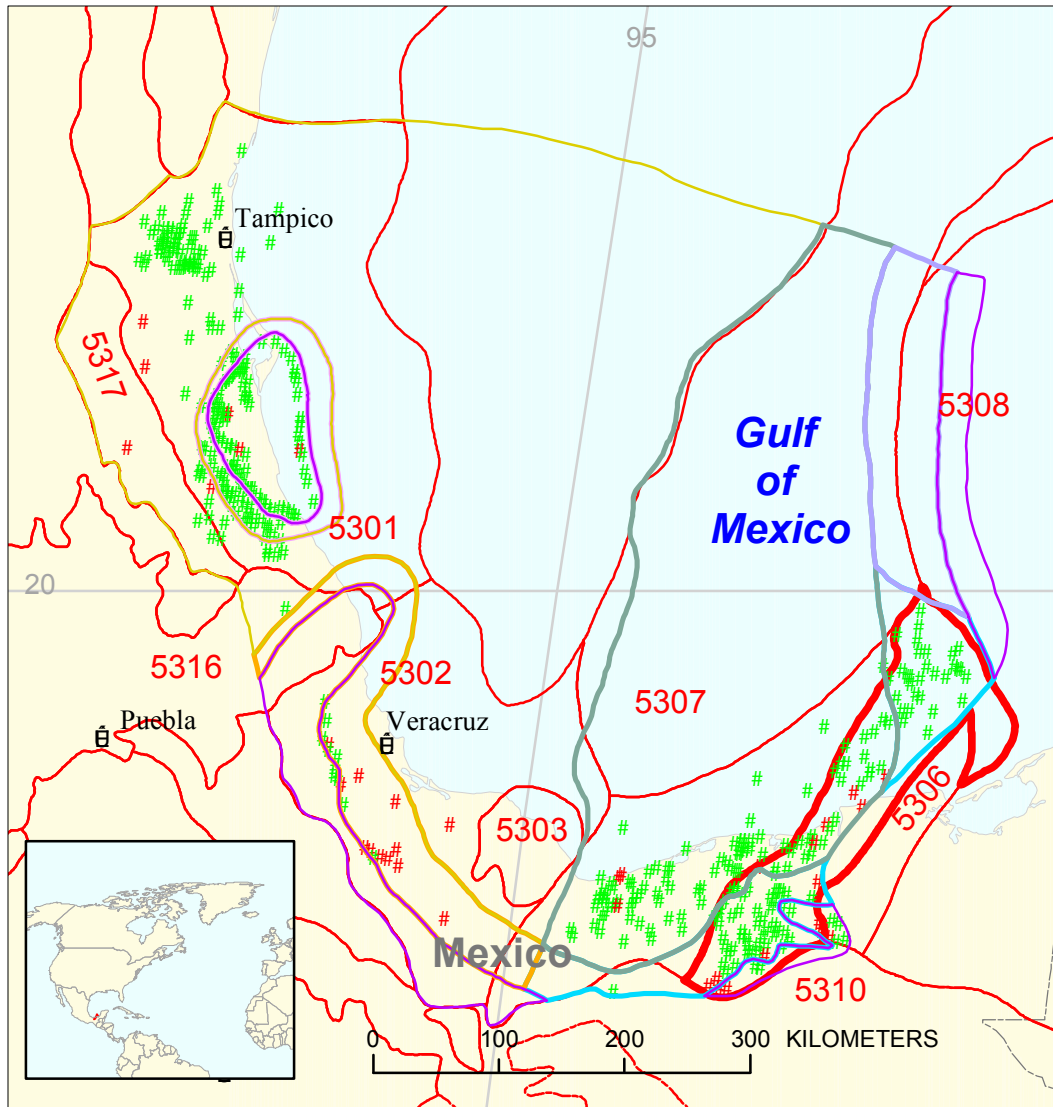


Pimienta-Tamabra Total Petroleum System 530501



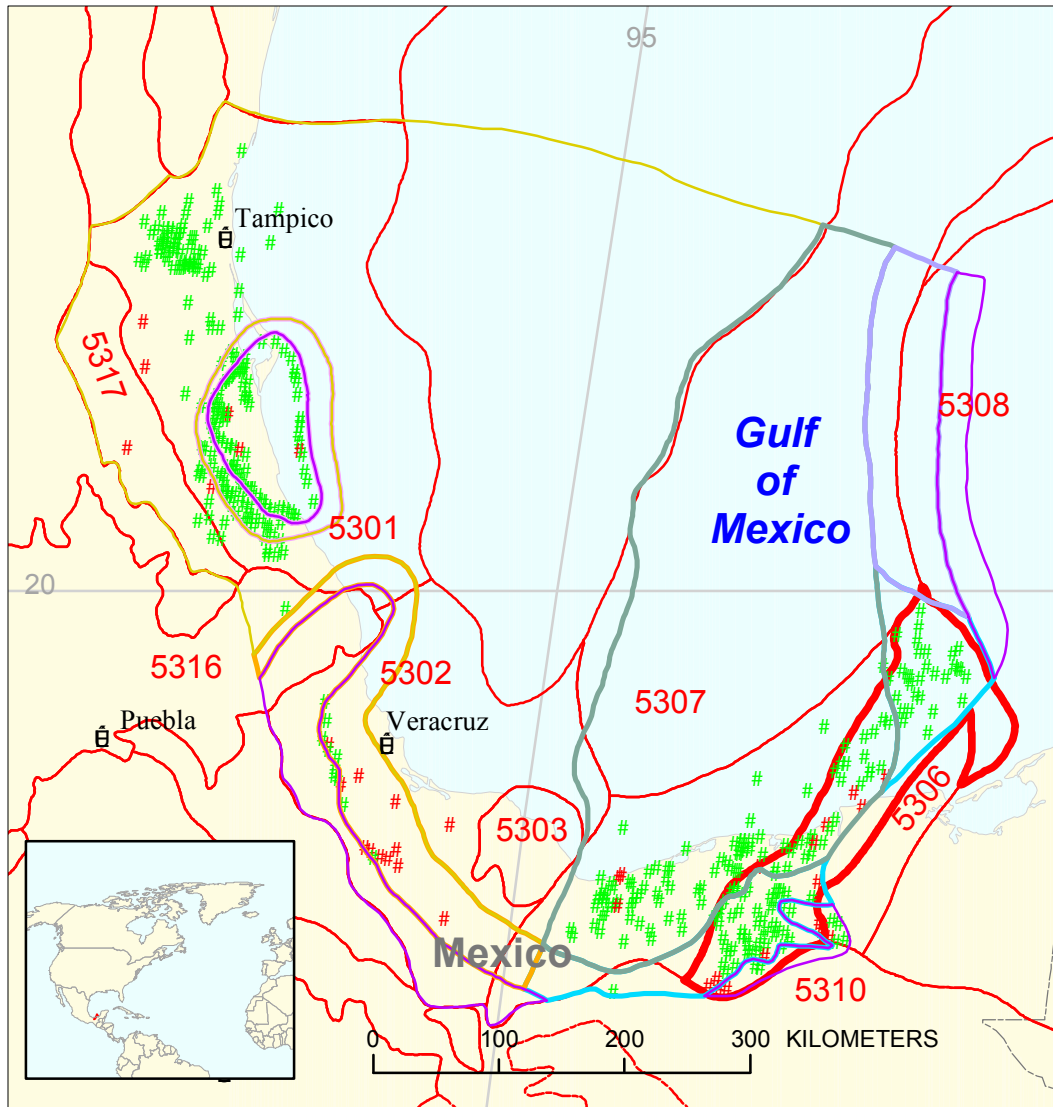
- El Abra-Like Reef and Backreef Limestone Assessment Unit 53050101
- Tamabra-Like Debris-Flow-Breccia Limestone Overlying Evaporites Assessment Unit 53050102
- Tamabra-Like Debris-Flow-Breccia Limestone and Overlying Strata Assessment Unit 53050103
- Tamabra-Like Debris-Flow-Breccia Limestone of the Golden Lane Assessment Unit 53050104

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- El Abra-Like Reef and Backreef Limestone Assessment Unit 53050101
- Tamabra-Like Debris-Flow-Breccia Limestone Overlying Evaporites Assessment Unit 53050102
- Tamabra-Like Debris-Flow-Breccia Limestone and Overlying Strata Assessment Unit 53050103
- Tamabra-Like Debris-Flow-Breccia Limestone of the Golden Lane Assessment Unit 53050104
- Tamaulipas-Like Basinal Limestone and Tertiary Strata Without Underlying Evaporites Assessment Unit 53050105
- Tamaulipas-Like Basinal Limestone and Tertiary Strata Overlying Evaporites Assessment Unit 53050106
- Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche Assessment Unit 53050107

- Villahermosa Uplift Geologic Province 5305
- Other geologic province boundary

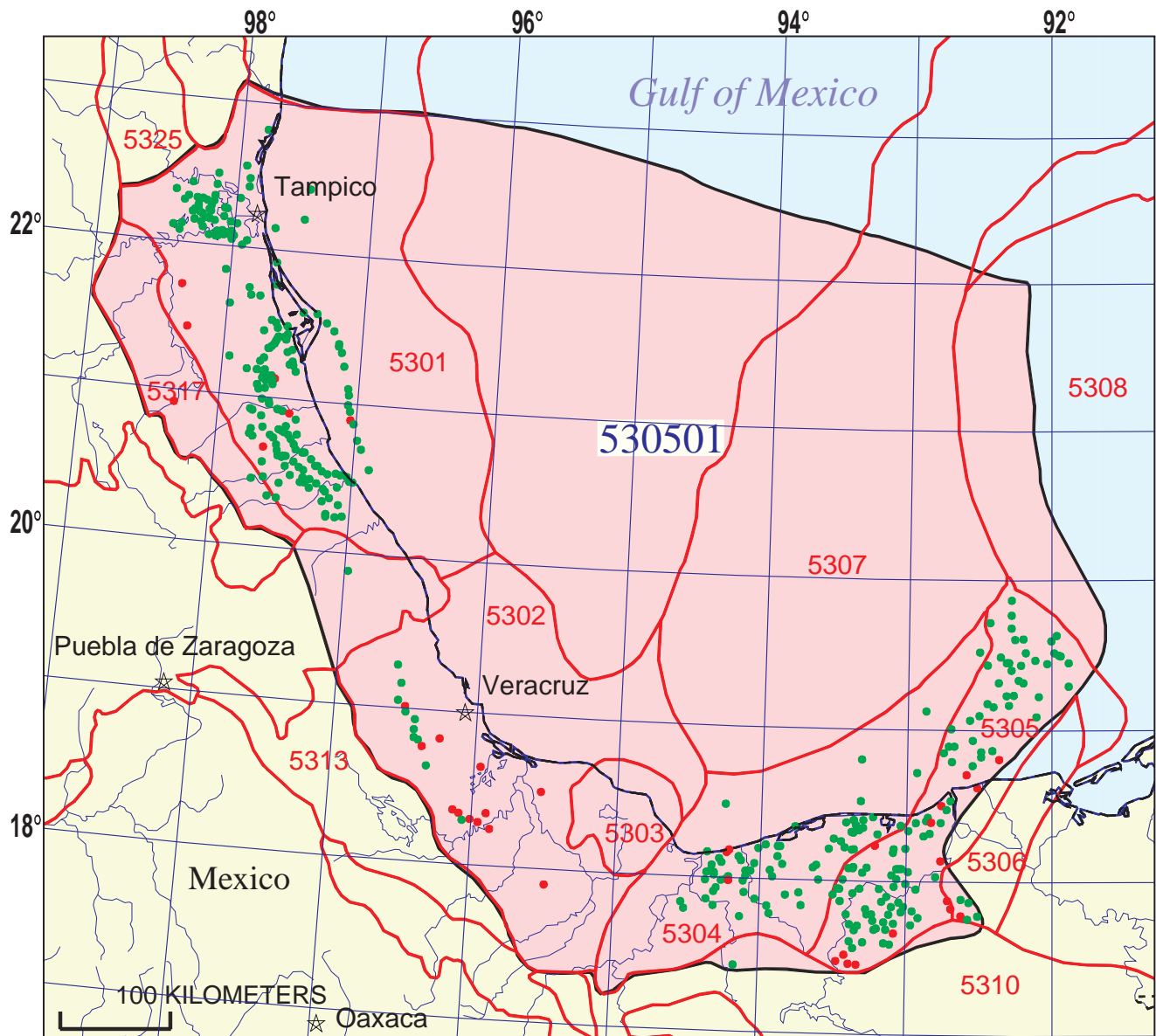
Pimienta-Tamabra Total Petroleum System 530501



- Tamaulipas-Like Basinal Limestone and Tertiary Strata Without Underlying Evaporites Assessment Unit 53050105
- Tamaulipas-Like Basinal Limestone and Tertiary Strata Overlying Evaporites Assessment Unit 53050106
- Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche Assessment Unit 53050107
See previous page








- El Abra-Like Reef and Backreef Limestone Assessment Unit 53050101
- Tamabra-Like Debris-Flow-Breccia Limestone Overlying Evaporites Assessment Unit 53050102
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- Tamabra-Like Debris-Flow-Breccia Limestone of the Golden Lane Assessment Unit 53050104
- Tamaulipas-Like Basinal Limestone and Tertiary Strata Without Underlying Evaporites Assessment Unit 53050105
- Tamaulipas-Like Basinal Limestone and Tertiary Strata Overlying Evaporites Assessment Unit 53050106
- Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche Assessment Unit 53050107

- Villahermosa Uplift Geologic Province 5305
- Other geologic province boundary



Pimienta-Tamabra Total Petroleum System - 530501

EXPLANATION

-  Hydrography
-  Shoreline
-  5305 Geologic province code and boundary
-  --- Country boundary
-  • Gas field centerpoint
-  • Oil field centerpoint
-  530501 Total Petroleum System code and boundary

Projection: Lambert. Standard parallels: 49 and 77. Central meridian: -92

**Pimienta-Tamabra, Total Petroleum System 530501
Assessment Results Summary**

[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
53050101 El Abra-Like Reef and Backreef Limestone Assessment Unit														
Oil Fields	1	1.00	86	262	577	289	104	332	794	375	6	19	50	23
Gas Fields	6						29	113	301	132	1	5	14	6
Total		1.00	86	262	577	289	133	445	1,095	507	7	24	64	28
53050102 Tamabra-Like Debris-Flow-Breccia Limestone Overlying Evaporites Assessment Unit														
Oil Fields	3	1.00	3,342	9,624	17,160	9,857	6,196	18,632	36,985	19,683	344	1,083	2,357	1,181
Gas Fields	18						79	488	2,380	766	3	21	107	34
Total		1.00	3,342	9,624	17,160	9,857	6,274	19,119	39,365	20,450	348	1,103	2,464	1,214
53050103 Tamabra-Like Debris-Flow-Breccia Limestone and Overlying Strata Assessment Unit														
Oil Fields	1	1.00	173	720	1,731	807	357	1,538	3,981	1,775	20	90	250	106
Gas Fields	6						1,069	4,011	8,783	4,371	44	171	408	192
Total		1.00	173	720	1,731	807	1,426	5,549	12,764	6,147	64	261	658	299
53050104 Tamabra-Like Debris-Flow-Breccia Limestone of the Golden Lane Assessment Unit														
Oil Fields	1	1.00	104	476	1,291	557	197	925	2,670	1,113	11	54	167	67
Gas Fields	6						0	0	0	0	0	0	0	0
Total		1.00	104	476	1,291	557	197	925	2,670	1,113	11	54	167	67

**Pimienta-Tamabra, Total Petroleum System 530501
Assessment Results Summary**

[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
53050105 Tamaulipas-Like Basinal Limestone and Tertiary Strata Without Underlying Evaporites Assessment Unit														
Oil Fields	1	1.00	88	321	793	366	182	687	1,827	804	10	40	113	48
Gas Fields	6						0	0	0	0	0	0	0	0
Total		1.00	88	321	793	366	182	687	1,827	804	10	40	113	48
53050106 Tamaulipas-Like Basinal Limestone and Tertiary Strata Overlying Evaporites Assessment Unit														
Oil Fields	3	1.00	2,180	7,199	15,419	7,823	2,841	9,743	22,997	10,941	159	569	1,447	658
Gas Fields	18						853	6,295	18,545	7,575	36	269	847	333
Total		1.00	2,180	7,199	15,419	7,823	3,694	16,038	41,542	18,516	194	838	2,294	990
53050107 Tamabra-Like Debris-Flow-Breccia Limestone North of Campeche Assessment Unit														
Oil Fields	10	0.50	0	0	3,270	871	0	0	6,710	1,735	0	0	409	104
Gas Fields	60						0	0	0	0	0	0	0	0
Total		0.50	0	0	3,270	871	0	0	6,710	1,735	0	0	409	104
530501 Total: Pimienta-Tamabra Total Petroleum System														
Oil Fields		1.00	5,975	18,603	40,240	20,569	9,877	31,857	75,964	36,427	550	1,855	4,794	2,186
Gas Fields							2,030	10,906	30,010	12,844	84	466	1,375	564
Total		1.00	5,975	18,603	40,240	20,569	11,907	42,763	105,974	49,272	634	2,321	6,169	2,751