

East Venezuela Basin Geologic Province 6098



- Querecual Total Petroleum System 609801
- Upper Cretaceous/Tertiary Total Petroleum System 609802

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East Venezuela Basin, Province 6098
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

6098 Total: Assessed onshore portions of East Venezuela Basin Province

Oil Fields		1.00	2,055	6,786	15,281	7,482	3,044	11,360	28,950	13,059	169	662	1,814	783
Gas Fields							8,551	28,966	60,832	31,131	352	1,239	2,848	1,370
Total		1.00	2,055	6,786	15,281	7,482	11,595	40,326	89,783	44,189	521	1,901	4,662	2,154

6098 Total: Assessed offshore portions of East Venezuela Basin Province

Oil Fields		1.00	100	3,724	11,459	4,393	187	7,199	23,771	8,788	11	414	1,492	527
Gas Fields							7,672	36,920	87,962	40,583	310	1,570	4,082	1,785
Total		1.00	100	3,724	11,459	4,393	7,859	44,119	111,733	49,371	321	1,985	5,573	2,312

6098 Grand Total: Assessed portions of East Venezuela Basin Province

Oil Fields		1.00	2,155	10,509	26,740	11,875	3,231	18,558	52,721	21,847	180	1,077	3,306	1,310
Gas Fields							16,223	65,886	148,794	71,714	662	2,809	6,929	3,155
Total		1.00	2,155	10,509	26,740	11,875	19,454	84,444	201,516	93,561	842	3,886	10,235	4,465

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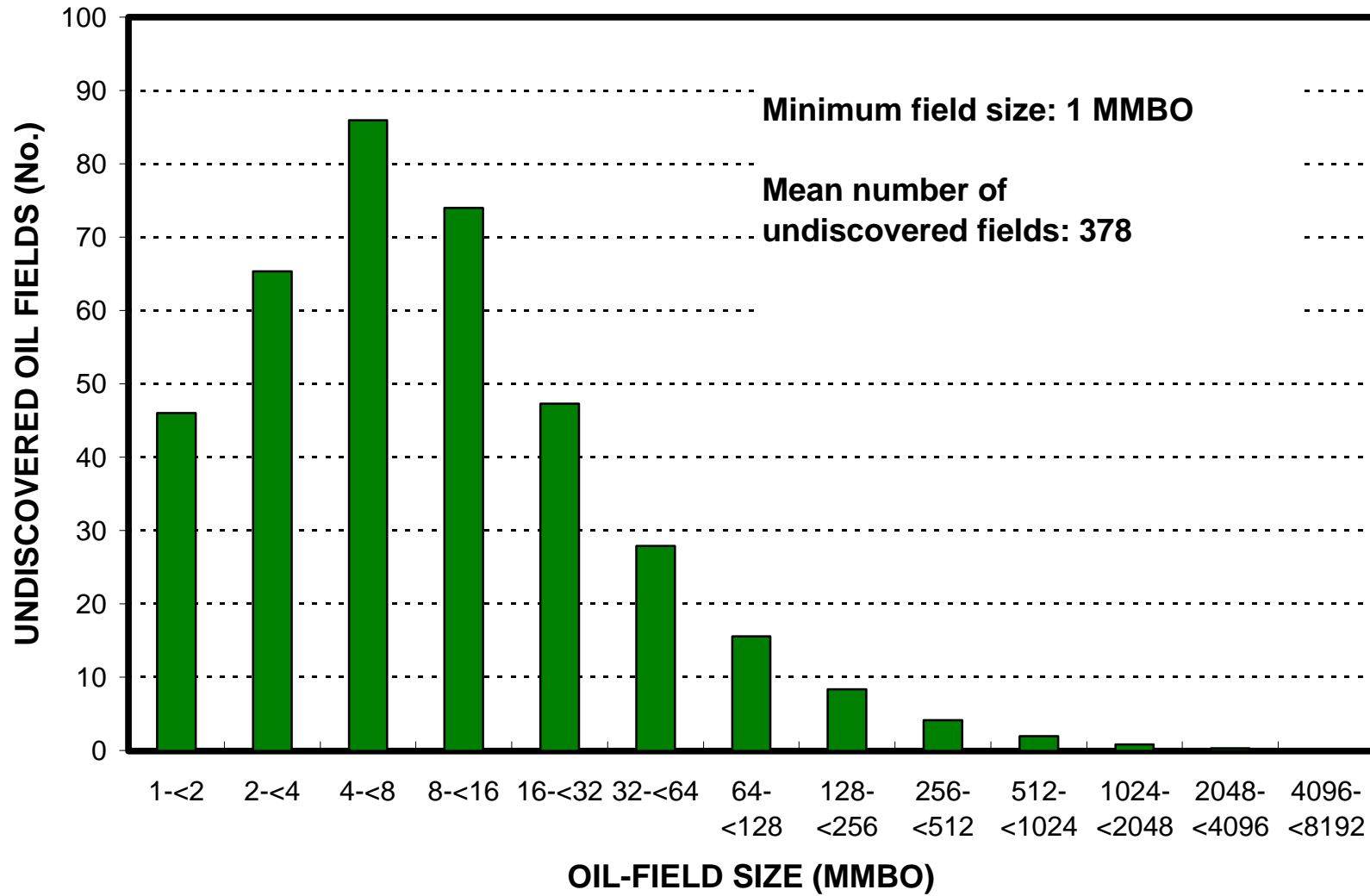
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			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
609801 Querecual Total Petroleum System														
60980101 East Venezuela Fold and Thrust Belt Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 6098)														
Oil Fields	4	1.00	1,095	4,340	10,776	4,928	2,049	8,421	22,670	9,868	114	491	1,414	592
Gas Fields	24						2,655	10,403	23,545	11,430	110	445	1,096	504
Total			1.00	1,095	4,340	10,776	4,928	4,704	18,824	46,215	21,298	224	936	2,510
60980102 Guarico Sub-Basin Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 6098)														
Oil Fields	1	1.00	116	364	715	385	216	709	1,532	771	12	41	97	46
Gas Fields	6						5,183	15,422	29,813	16,224	213	660	1,405	714
Total			1.00	116	364	715	385	5,399	16,131	31,346	16,995	225	701	1,502
60980103 Maturin Sub-Basin Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 6098)														
Oil Fields	1	1.00	834	1,868	3,147	1,919	760	1,816	3,413	1,917	42	106	219	115
Gas Fields	6						309	1,198	2,845	1,341	13	51	132	59
Total			1.00	834	1,868	3,147	1,919	1,069	3,014	6,257	3,258	54	157	351
609802 Upper Cretaceous/Tertiary Total Petroleum System														
60980201 Trinidad Basins Assessment Unit (9.5% of undiscovered oil fields and 5% of undiscovered gas fields allocated to ONSHORE province 6098)														
Oil Fields	4	1.00	10	36	80	40	20	70	169	79	1	4	11	5
Gas Fields	24						404	1,101	2,075	1,156	16	47	98	51
Total			1.00	10	36	80	40	423	1,171	2,244	1,235	17	51	109

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60980201 Trinidad Basins Assessment Unit (90.5% of undiscovered oil fields and 95% of undiscovered gas fields allocated to OFFSHORE province 6098)														
Oil Fields	4	1.00	100	342	766	377	187	666	1,609	753	11	39	101	45
Gas Fields	24						7,672	20,921	39,429	21,972	310	896	1,868	966
Total			1.00	100	342	766	377	7,859	21,587	41,038	22,725	321	934	1,969
60980202 Orinoco Delta and Offshore Assessment Unit (5% of undiscovered oil fields and 5% of undiscovered gas fields allocated to ONSHORE province 6098)														
Oil Fields	6	0.80	0	178	563	211	0	344	1,166	423	0	20	73	25
Gas Fields	36						0	842	2,554	980	0	36	117	43
Total			0.80	0	178	563	211	0	1,186	3,721	1,402	0	55	190
60980202 Orinoco Delta and Offshore Assessment Unit (95% of undiscovered oil fields and 95% of undiscovered gas fields allocated to OFFSHORE province 6098)														
Oil Fields	6	0.80	0	3,382	10,692	4,016	0	6,532	22,162	8,035	0	375	1,391	481
Gas Fields	36						0	15,999	48,532	18,612	0	675	2,214	819
Total			0.80	0	3,382	10,692	4,016	0	22,532	70,694	26,647	0	1,050	3,604

East Venezuela Basin, Province 6098 Undiscovered Field-Size Distribution



East Venezuela Basin, Province 6098 Undiscovered Field-Size Distribution

