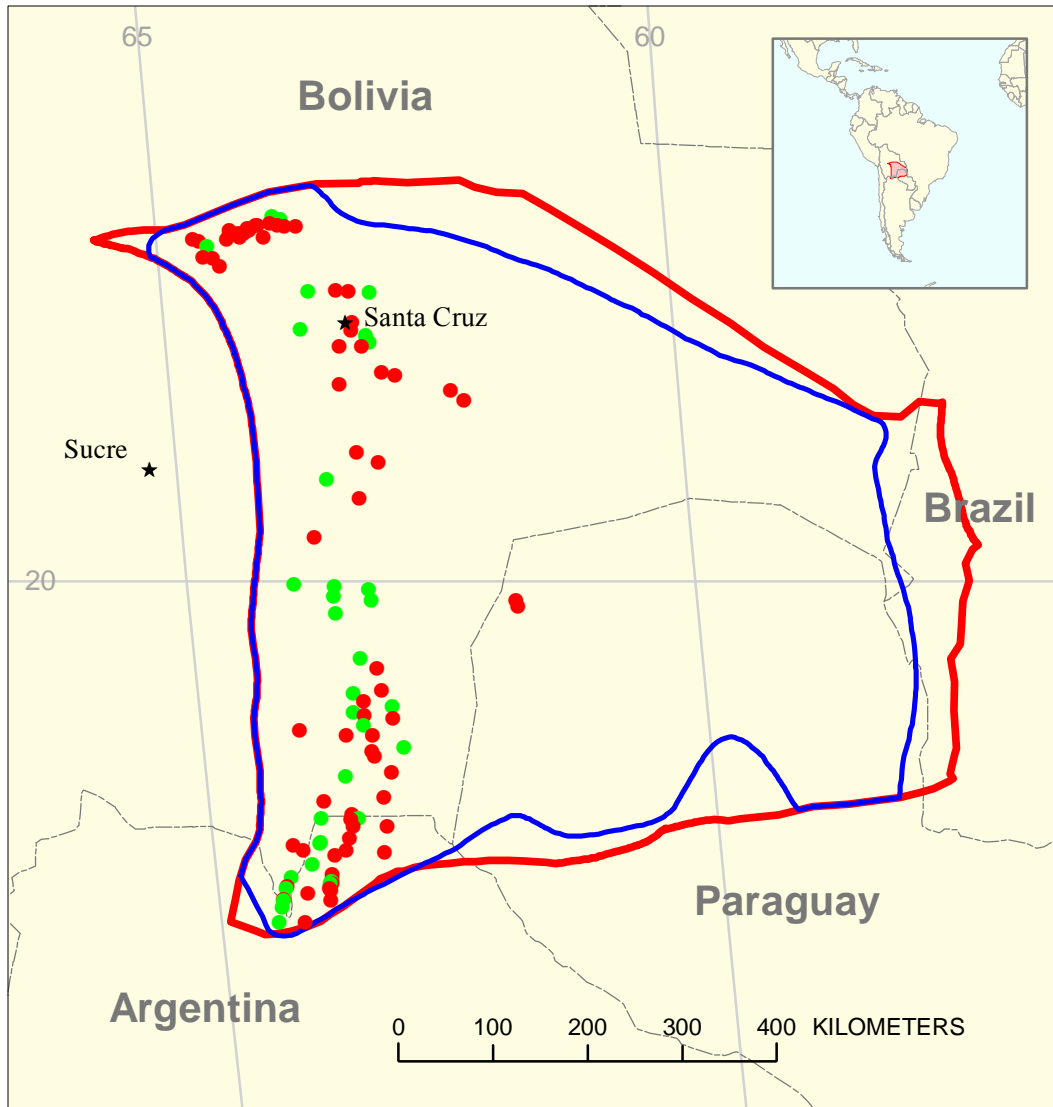




Santa Cruz-Tarija Basin Geologic Province 6045



-  Los Monos-Machareti Total Petroleum System 604501
-  Santa Cruz-Tarija Geologic Province 6045

 Los Monos-Machareti
Total Petroleum System 604501

Santa Cruz-Tarija Basin, Province 6045
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

6045 Total: Assessed onshore portions of Santa Cruz-Tarija Basin Province

Oil Fields		1.00	277	1,719	5,548	2,145	687	4,328	15,032	5,597	39	250	936	336
Gas Fields							9,931	24,073	46,059	25,510	341	883	1,866	964
Total		1.00	277	1,719	5,548	2,145	10,618	28,401	61,092	31,107	380	1,133	2,802	1,300

6045 Total: Assessed offshore portions of Santa Cruz-Tarija Basin Province

Oil Fields		0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields							0	0	0	0	0	0	0	0
Total		0.00	0	0	0	0	0	0	0	0	0	0	0	0

6045 Grand Total: Assessed portions of Santa Cruz-Tarija Basin Province

Oil Fields		1.00	277	1,719	5,548	2,145	687	4,328	15,032	5,597	39	250	936	336
Gas Fields							9,931	24,073	46,059	25,510	341	883	1,866	964
Total		1.00	277	1,719	5,548	2,145	10,618	28,401	61,092	31,107	380	1,133	2,802	1,300

Santa Cruz-Tarija Basin, Province 6045
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

604501 Los Monos-Machareti Total Petroleum System

60450101 Sub-Andean Fold and Thrust Belt Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 6045)

Oil Fields	1	1.00	66	174	317	181	168	464	938	497	9	27	60	30
Gas Fields	6						9,328	19,669	31,991	20,024	320	725	1,324	761
Total			1.00	66	174	317	181	9,496	20,133	32,929	20,521	329	752	1,384

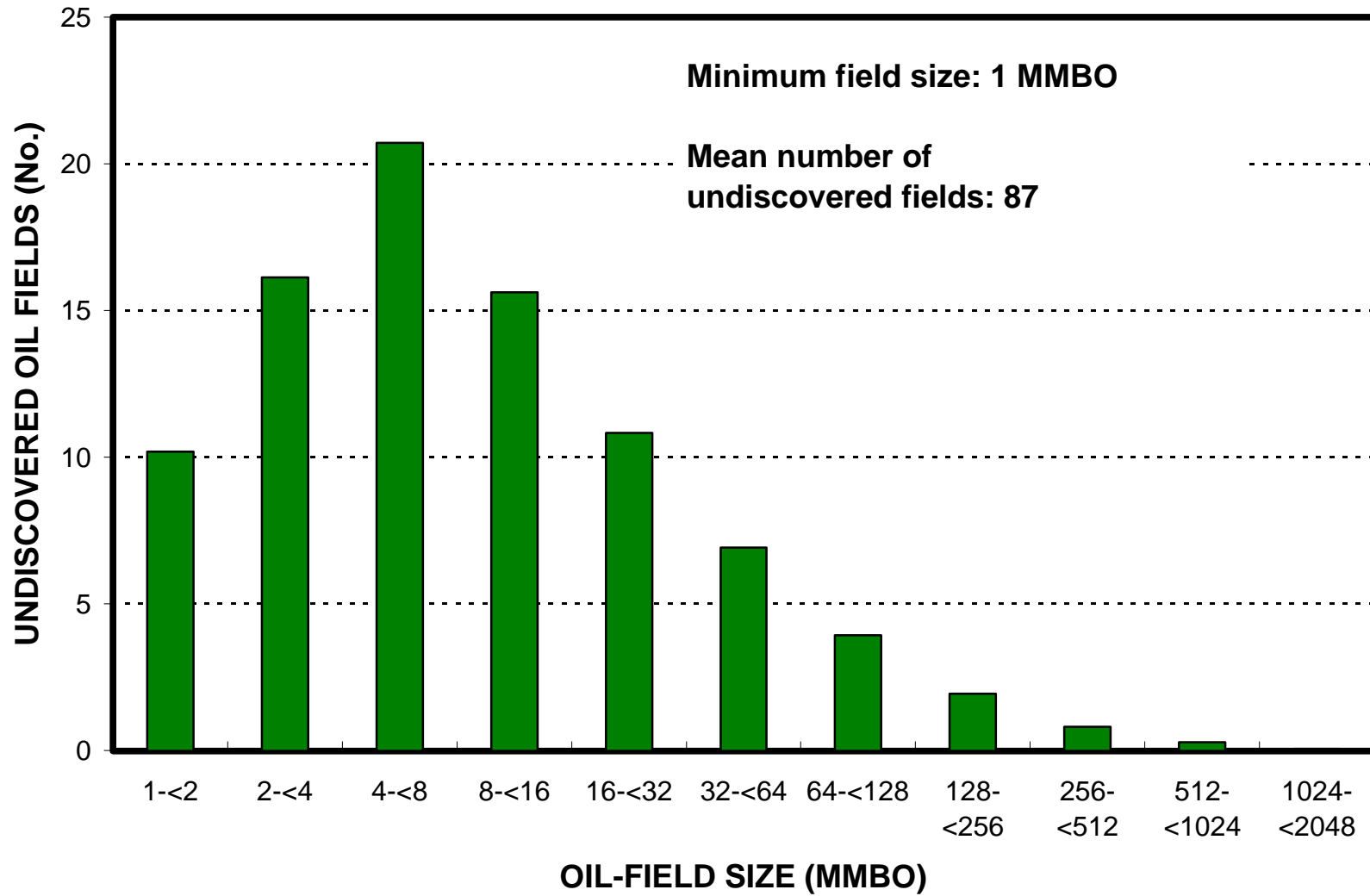
60450102 Foreland Basins Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 6045)

Oil Fields	3	1.00	211	1,099	2,841	1,254	520	2,763	7,739	3,256	29	160	482	195
Gas Fields	18						602	3,587	9,383	4,119	21	128	364	152
Total			1.00	211	1,099	2,841	1,254	1,122	6,350	17,122	7,375	51	289	846

60450103 Foreland Central Chaco High Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 6045)

Oil Fields	3	0.60	0	446	2,390	711	0	1,101	6,355	1,845	0	63	394	111
Gas Fields	18						0	818	4,686	1,366	0	29	178	51
Total			0.60	0	446	2,390	711	0	1,919	11,040	3,211	0	91	572

Santa Cruz-Tarija Basin, Province 6045 Undiscovered Field-Size Distribution



Santa Cruz-Tarija Basin, Province 6045 Undiscovered Field-Size Distribution

