

**Peru**  
**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

**Total: Assessed onshore portions of Peru**

Oil Fields		1.00	587	1,643	3,608	1,833	226	728	2,085	923	8	29	99	40
Gas Fields						85	384	2,993	978	3	16	137	43	
Total		1.00	587	1,643	3,608	1,833	311	1,112	5,079	1,901	12	45	235	83

**Total: Assessed offshore portions of Peru**

Oil Fields		1.00	415	1,402	2,812	1,483	613	2,152	4,730	2,345	34	125	298	141
Gas Fields						481	1,877	4,405	2,091	20	80	203	92	
Total		1.00	415	1,402	2,812	1,483	1,095	4,028	9,134	4,436	54	206	502	233

**Grand Total: Assessed portions of Peru**

Oil Fields		1.00	1,002	3,045	6,420	3,316	839	2,879	6,815	3,268	43	155	397	181
Gas Fields						566	2,261	7,398	3,069	23	96	340	135	
Total		1.00	1,002	3,045	6,420	3,316	1,406	5,140	14,213	6,337	66	251	737	316

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			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
<b>6041 Putumayo-Oriente-Maranon Basin Province</b>														
<b>604101 Mesozoic-Cenozoic Total Petroleum System</b>														
60410101 Hollin-Napo Assessment Unit (50% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Peru)														
Oil Fields	1	1.00	514	1,390	2,902	1,512	118	337	772	378	2	7	16	8
Gas Fields	6						0	0	0	0	0	0	0	0
Total			1.00	514	1,390	2,902	1,512	118	337	772	378	2	7	16
<b>604102 Paleozoic Total Petroleum System</b>														
60410201 Ene Assessment Unit (80% of undiscovered oil fields and 90% of undiscovered gas fields allocated to ONSHORE Peru)														
Oil Fields	5	0.50	0	5	210	59	0	11	479	131	0	1	30	8
Gas Fields	30						0	53	2,216	609	0	2	101	27
Total			0.50	0	5	210	59	0	64	2,695	740	0	3	131
<b>6081 Talara Basin Province</b>														
<b>608101 Cretaceous-Tertiary Total Petroleum System</b>														
60810101 Cretaceous-Paleogene Basin Assessment Unit (15% of undiscovered oil fields and 15% of undiscovered gas fields allocated to ONSHORE Peru)														
Oil Fields	1	1.00	73	244	482	257	108	378	826	411	6	22	52	25
Gas Fields	6						78	283	620	309	3	12	29	14
Total			1.00	73	244	482	257	186	661	1,446	719	9	34	81
60810101 Cretaceous-Paleogene Basin Assessment Unit (85% of undiscovered oil fields and 85% of undiscovered gas fields allocated to OFFSHORE Peru)														
Oil Fields	1	1.00	411	1,381	2,732	1,455	611	2,139	4,678	2,328	34	125	295	140
Gas Fields	6						445	1,604	3,513	1,748	18	69	163	77
Total			1.00	411	1,381	2,732	1,455	1,056	3,743	8,191	4,076	53	193	458

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**6083 Progreso Basin Province**

**608301 Neogene Total Petroleum System**

60830101 Neogene Pull-Apart Basin Assessment Unit (13.5% of undiscovered oil fields and 13.5% of undiscovered gas fields allocated to ONSHORE Peru)

Oil Fields	1	1.00	1	4	14	5	0	2	9	3	0	0	1	0
Gas Fields	6						6	48	157	60	0	2	7	3
Total			1.00	1	4	14	5	7	50	166	64	0	2	8

60830101 Neogene Pull-Apart Basin Assessment Unit (76.5% of undiscovered oil fields and 76.5% of undiscovered gas fields allocated to OFFSHORE Peru)

Oil Fields	1	1.00	3	21	80	28	2	12	52	18	0	1	3	1
Gas Fields	6						37	273	891	343	2	12	40	15
Total			1.00	3	21	80	28	39	285	943	361	2	12	43