

Yemen
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 Yemen

Oil Fields			1,102	3,103	5,895	3,254	4,016	11,577	23,944	12,473	224	675	1,528	749
Gas Fields							3,354	8,561	15,697	8,925	159	457	961	495
Total	1.00		1,102	3,103	5,895	3,254	7,370	20,139	39,641	21,399	383	1,132	2,489	1,243

Total: Assessed offshore portions of Yemen

Oil Fields			10	52	107	53	38	152	329	160	2	7	17	8
Gas Fields							27	357	751	342	1	14	31	14
Total	1.00		10	52	107	53	65	509	1,080	502	3	22	48	22

Grand Total: Assessed portions of Yemen

Oil Fields			1,112	3,156	6,001	3,307	4,054	11,730	24,273	12,633	226	682	1,545	757
Gas Fields							3,380	8,919	16,447	9,268	161	471	992	508
Total	1.00		1,112	3,156	6,001	3,307	7,435	20,648	40,721	21,901	386	1,154	2,537	1,265

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2004 Ma'rib-Al Jawf/Masila Basin Province

200401 Madbi Amran/Qishn Total Petroleum System

20040101 Ma'rib-Al Jawf/Shabwah/Masila Assessment Unit (99% of undiscovered oil fields and 99% of undiscovered gas fields allocated to ONSHORE Yemen)

Oil Fields	5	1.00	1,018	2,647	4,606	2,713	3,778	10,265	19,955	10,860	210	599	1,282	653
Gas Fields	30						2,629	5,802	9,751	5,952	105	248	466	262
Total			1,018	2,647	4,606	2,713	6,407	16,067	29,706	16,812	316	847	1,748	914

20040101 Ma'rib-Al Jawf/Shabwah/Masila Assessment Unit (1% of undiscovered oil fields and 1% of undiscovered gas fields allocated to OFFSHORE Yemen)

Oil Fields	5	1.00	10	27	47	27	38	104	202	110	2	6	13	7
Gas Fields	30						27	59	98	60	1	3	5	3
Total			10	27	47	27	65	162	300	170	3	9	18	9

2019 Rub Al Khali Basin Province

201903 Silurian Qusaiba Total Petroleum System

20190302 Paleozoic Reservoirs Assessment Unit (4% of undiscovered oil fields and 1% of undiscovered gas fields allocated to ONSHORE Yemen)

Oil Fields	10	1.00	84	444	1,261	529	239	1,290	3,930	1,590	14	75	245	95
Gas Fields	60						725	2,620	5,641	2,842	54	204	483	228
Total			84	444	1,261	529	963	3,910	9,572	4,431	68	279	727	323

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			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean

2071 Red Sea Basin Province

207102 Maqna Total Petroleum System

20710202 Red Sea Salt Basin Assessment Unit (2.6394% of undiscovered oil fields and 2.6394% of undiscovered gas fields allocated to ONSHORE Yemen)

Oil Fields	10	0.73	0	12	28	12	0	23	59	23	0	1	2	1
Gas Fields	60						0	139	304	132	0	5	12	5
Total			0.73	0	12	28	12	0	162	364	155	0	6	14

20710202 Red Sea Salt Basin Assessment Unit (5.6606% of undiscovered oil fields and 5.6606% of undiscovered gas fields allocated to OFFSHORE Yemen)

Oil Fields	10	0.73	0	26	60	25	0	48	128	50	0	1	4	2
Gas Fields	60						0	299	652	282	0	12	27	11
Total			0.73	0	26	60	25	0	347	780	333	0	13	30