

United Arab Emirates
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 United Arab Emirates

Oil Fields			1,130	3,947	9,114	4,389	1,859	7,313	18,993	8,474	103	422	1,174	502
Gas Fields							5,174	18,395	40,457	20,070	261	969	2,322	1,088
Total	1.00		1,130	3,947	9,114	4,389	7,033	25,708	59,450	28,544	364	1,391	3,496	1,590

Total: Assessed offshore portions of United Arab Emirates

Oil Fields			1,027	3,060	6,411	3,306	1,211	3,981	9,252	4,451	68	233	584	267
Gas Fields							3,170	10,639	22,813	11,529	129	455	1,064	507
Total	1.00		1,027	3,060	6,411	3,306	4,381	14,620	32,065	15,979	197	688	1,648	775

Grand Total: Assessed portions of United Arab Emirates

Oil Fields			2,157	7,006	15,525	7,695	3,070	11,295	28,244	12,925	171	655	1,757	769
Gas Fields							8,345	29,034	63,270	31,599	390	1,424	3,386	1,595
Total	1.00		2,157	7,006	15,525	7,695	11,415	40,329	91,515	44,524	561	2,079	5,144	2,365

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2019 Rub Al Khali Basin Province

201901 Cretaceous Thamama/Wasia Total Petroleum System

20190101 Cretaceous Reservoirs in Northwest Desert Anticlines Assessment Unit (15% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE United Arab Emirates)

Oil Fields	10	1.00	193	630	1,457	705	113	374	901	423	5	17	41	19
Gas Fields	60													
Total		1.00	193	630	1,457	705	113	374	901	423	5	17	41	19

20190102 Cretaceous Reservoirs in South Gulf Suprasalt Structural Assessment Unit (26.1% of undiscovered oil fields and 29.75% of undiscovered gas fields allocated to ONSHORE United Arab Emirates)

Oil Fields	10	1.00	315	907	1,908	982	233	705	1,616	787	13	41	102	47
Gas Fields	60													
Total		1.00	315	907	1,908	982	332	993	2,238	1,102	17	53	131	61

20190102 Cretaceous Reservoirs in South Gulf Suprasalt Structural Assessment Unit (60.9% of undiscovered oil fields and 55.25% of undiscovered gas fields allocated to OFFSHORE United Arab Emirates)

Oil Fields	10	1.00	736	2,116	4,453	2,292	544	1,646	3,770	1,837	30	96	238	110
Gas Fields	60													
Total		1.00	736	2,116	4,453	2,292	728	2,179	4,926	2,421	38	119	292	136

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20190103 Mesozoic/Tertiary Foredeep Fold and Thrust Assessment Unit (45.5% of undiscovered oil fields and 45.5% of undiscovered gas fields allocated to ONSHORE United Arab Emirates)														
Oil Fields	10	1.00	48	201	526	233	269	1,173	3,309	1,403	15	69	206	84
Gas Fields	60						1,218	5,046	11,898	5,612	50	215	552	247
Total		1.00	48	201	526	233	1,487	6,219	15,207	7,015	65	284	758	331
20190103 Mesozoic/Tertiary Foredeep Fold and Thrust Assessment Unit (19.5% of undiscovered oil fields and 19.5% of undiscovered gas fields allocated to OFFSHORE United Arab Emirates)														
Oil Fields	10	1.00	20	86	225	100	115	503	1,418	601	7	29	88	36
Gas Fields	60						522	2,163	5,099	2,405	21	92	237	106
Total		1.00	20	86	225	100	637	2,665	6,517	3,007	28	122	325	142
201902 Jurassic Hanifa/Diyab-Arab Total Petroleum System														
20190201 Jurassic Reservoirs in Northwest Desert Anticlines Assessment Unit (12% of undiscovered oil fields and 12% of undiscovered gas fields allocated to ONSHORE United Arab Emirates)														
Oil Fields	10	1.00	294	1,143	2,707	1,276	606	2,444	6,294	2,814	34	143	394	169
Gas Fields	60						752	2,477	5,500	2,713	31	106	255	119
Total		1.00	294	1,143	2,707	1,276	1,358	4,921	11,794	5,527	65	248	648	288
20190202 Jurassic Reservoirs in South Gulf Suprasalt/Qatar Arch Structural Assessment Unit (17.22% of undiscovered oil fields and 17.22% of undiscovered gas fields allocated to ONSHORE United Arab Emirates)														
Oil Fields	10	1.00	196	621	1,255	662	399	1,328	2,943	1,457	22	78	186	88
Gas Fields	60						170	612	1,458	688	7	26	68	30
Total		1.00	196	621	1,255	662	569	1,940	4,400	2,145	29	104	254	118

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			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
20190202 Jurassic Reservoirs in South Gulf Suprasalt/Qatar Arch Structural Assessment Unit (23.78% of undiscovered oil fields and 23.78% of undiscovered gas fields allocated to OFFSHORE United Arab Emirates)														
Oil Fields	10	1.00	271	857	1,733	914	551	1,833	4,064	2,012	31	107	257	121
Gas Fields	60						235	845	2,013	950	10	36	93	42
Total			1.00	271	857	1,733	914	786	2,678	6,077	2,962	41	143	350
201903 Silurian Qusaiba Total Petroleum System														
20190301 Khuff Carbonates in Salt Structures Assessment Unit (0% of undiscovered oil fields and 22% of undiscovered gas fields allocated to ONSHORE United Arab Emirates)														
Oil Fields	10	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	60						1,486	4,732	9,696	5,060	60	202	454	223
Total			1.00	0	0	0	0	1,486	4,732	9,696	5,060	60	202	454
20190301 Khuff Carbonates in Salt Structures Assessment Unit (0% of undiscovered oil fields and 33% of undiscovered gas fields allocated to OFFSHORE United Arab Emirates)														
Oil Fields	10	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	60						2,229	7,098	14,544	7,590	91	303	680	334
Total			1.00	0	0	0	0	2,229	7,098	14,544	7,590	91	303	680
20190302 Paleozoic Reservoirs Assessment Unit (4% of undiscovered oil fields and 2% of undiscovered gas fields allocated to ONSHORE United Arab Emirates)														
Oil Fields	10	1.00	84	444	1,261	529	239	1,290	3,930	1,590	14	75	245	95
Gas Fields	60						1,449	5,241	11,283	5,683	108	407	965	455
Total			1.00	84	444	1,261	529	1,688	6,530	15,213	7,273	122	483	1,210