

Saudi Arabia
Assessment Results Summary - Allocated Resources

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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 Saudi Arabia

Oil Fields		1.00	25,381	71,453	140,784	75,844	29,522	97,504	227,932	109,168	1,489	5,274	13,546	6,102
Gas Fields							162,249	489,885	951,832	515,946	12,188	37,516	78,082	40,338
Total		1.00	25,381	71,453	140,784	75,844	191,771	587,389	1,179,764	625,114	13,677	42,790	91,628	46,440

Total: Assessed offshore portions of Saudi Arabia

Oil Fields		1.00	4,012	10,792	20,122	11,249	4,594	12,714	24,828	13,440	163	468	982	505
Gas Fields							15,798	40,886	75,611	42,442	655	1,809	3,646	1,926
Total		1.00	4,012	10,792	20,122	11,249	20,392	53,600	100,440	55,882	818	2,277	4,627	2,431

Grand Total: Assessed portions of Saudi Arabia

Oil Fields		1.00	29,393	82,244	160,906	87,093	34,116	110,218	252,761	122,608	1,653	5,742	14,528	6,607
Gas Fields							178,047	530,771	1,027,443	558,388	12,842	39,326	81,727	42,265
Total		1.00	29,393	82,244	160,906	87,093	212,163	640,989	1,280,204	680,996	14,495	45,067	96,255	48,872

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

2019 Rub Al Khali Basin Province

201901 Cretaceous Thamama/Wasia Total Petroleum System

20190101 Cretaceous Reservoirs in Northwest Desert Anticlines Assessment Unit (81% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	10	1.00	1,044	3,404	7,868	3,809	609	2,022	4,865	2,283	26	90	223	103
Gas Fields	60						0	0	0	0	0	0	0	0
Total		1.00	1,044	3,404	7,868	3,809	609	2,022	4,865	2,283	26	90	223	103

20190102 Cretaceous Reservoirs in South Gulf Suprasalt Structural Assessment Unit (5% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	10	1.00	60	174	366	188	45	135	310	151	2	8	20	9
Gas Fields	60						0	0	0	0	0	0	0	0
Total		1.00	60	174	366	188	45	135	310	151	2	8	20	9

201902 Jurassic Hanifa/Diyab-Arab Total Petroleum System

20190201 Jurassic Reservoirs in Northwest Desert Anticlines Assessment Unit (85% of undiscovered oil fields and 85% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	10	1.00	2,079	8,096	19,176	9,038	4,291	17,311	44,583	19,933	240	1,011	2,789	1,194
Gas Fields	60						5,325	17,546	38,956	19,216	218	748	1,803	845
Total		1.00	2,079	8,096	19,176	9,038	9,616	34,857	83,539	39,150	459	1,758	4,592	2,039

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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
20190202 Jurassic Reservoirs in South Gulf Suprasalt/Qatar Arch Structural Assessment Unit (9% of undiscovered oil fields and 9% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)														
Oil Fields	10	1.00	103	324	656	346	209	694	1,538	762	12	41	97	46
Gas Fields	60						89	320	762	359	4	14	35	16
Total			1.00	103	324	656	346	298	1,014	2,300	1,121	15	54	133
201903 Silurian Qusaiba Total Petroleum System														
20190302 Paleozoic Reservoirs Assessment Unit (89% of undiscovered oil fields and 94% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)														
Oil Fields	10	1.00	1,875	9,889	28,056	11,779	5,309	28,694	87,447	35,367	301	1,680	5,444	2,122
Gas Fields	60						68,107	246,312	530,293	267,105	5,097	19,142	45,376	21,386
Total			1.00	1,875	9,889	28,056	11,779	73,417	275,007	617,739	302,472	5,398	20,821	50,820
2021 Greater Ghawar Uplift Province														
202101 Central Arabia Qusaiba Paleozoic Total Petroleum System														
20210101 Central Arch Horst-Block Anticlinal Oil and Gas Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)														
Oil Fields	20	1.00	7,301	18,596	32,829	19,190	10,587	27,514	51,123	28,756	586	1,599	3,281	1,723
Gas Fields	120						79,478	199,003	333,005	201,631	6,238	15,742	27,327	16,138
Total			1.00	7,301	18,596	32,829	19,190	90,066	226,517	384,128	230,387	6,824	17,341	30,608
20210102 North Gulf Salt Basin Structural Gas Assessment Unit (0% of undiscovered oil fields and 2.5% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)														
Oil Fields	20	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	120						1,561	3,653	6,664	3,824	62	156	314	168
Total			1.00	0	0	0	0	1,561	3,653	6,664	3,824	62	156	314

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			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
20210102 North Gulf Salt Basin Structural Gas Assessment Unit (0% of undiscovered oil fields and 22.5% of undiscovered gas fields allocated to OFFSHORE Saudi Arabia)														
Oil Fields	20	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	120						14,049	32,881	59,973	34,414	561	1,407	2,830	1,513
Total			0	0	0	0	14,049	32,881	59,973	34,414	561	1,407	2,830	1,513
202102 Arabian Sub-Basin Tuwaiq/Hanifa-Arab Total Petroleum System														
20210201 Horst-Block Anticlinal Oil Assessment Unit (100% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)														
Oil Fields	20	1.00	11,296	26,408	43,172	26,715	6,566	15,641	27,023	16,055	242	606	1,170	642
Gas Fields	120						0	0	0	0	0	0	0	0
Total			11,296	26,408	43,172	26,715	6,566	15,641	27,023	16,055	242	606	1,170	642
20210202 Salt-Involved Structural Oil Assessment Unit (13.6% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)														
Oil Fields	20	1.00	775	1,961	3,566	2,038	910	2,331	4,348	2,447	34	91	187	98
Gas Fields	120						0	0	0	0	0	0	0	0
Total			775	1,961	3,566	2,038	910	2,331	4,348	2,447	34	91	187	98
20210202 Salt-Involved Structural Oil Assessment Unit (54.4% of undiscovered oil fields and 0% of undiscovered gas fields allocated to OFFSHORE Saudi Arabia)														
Oil Fields	20	1.00	3,099	7,845	14,262	8,154	3,640	9,325	17,393	9,787	134	363	748	391
Gas Fields	120						0	0	0	0	0	0	0	0
Total			3,099	7,845	14,262	8,154	3,640	9,325	17,393	9,787	134	363	748	391

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			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean

2023 Widyan Basin-Interior Platform Province

202301 Paleozoic Qusaiba/Akkas/Abba/Mudawwara Total Petroleum System

20230101 Horst/Graben-Related Oil and Gas Assessment Unit (35% of undiscovered oil fields and 31% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	5	1.00	264	853	1,799	921	386	1,265	2,780	1,382	22	74	176	83
Gas Fields	30						6,165	18,175	33,073	18,774	485	1,443	2,694	1,501
Total		1.00	264	853	1,799	921	6,551	19,440	35,853	20,156	507	1,517	2,869	1,584

202302 Jurassic Gotnia/Barsarin/Sargelu/Najmah Total Petroleum System

20230201 Platform Horst/Graben-Related Oil Assessment Unit (10% of undiscovered oil fields and 10% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	5	1.00	153	461	804	468	113	357	695	375	6	21	45	22
Gas Fields	30						119	458	1,005	499	5	20	47	22
Total		1.00	153	461	804	468	232	815	1,700	874	11	40	92	44

2030 Zagros Fold Belt Province

203001 Zagros-Mesopotamian Cretaceous-Tertiary Total Petroleum System

20300101 Cretaceous Reservoirs Assessment Unit (1.5% of undiscovered oil fields and 1.5% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	10	1.00	356	1,060	2,097	1,124	330	1,028	2,241	1,124	8	25	58	28
Gas Fields	60						165	410	801	438	7	18	38	19
Total		1.00	356	1,060	2,097	1,124	495	1,438	3,042	1,561	14	43	96	47

20300101 Cretaceous Reservoirs Assessment Unit (3.5% of undiscovered oil fields and 3.5% of undiscovered gas fields allocated to OFFSHORE Saudi Arabia)

Oil Fields	10	1.00	831	2,474	4,892	2,622	771	2,398	5,229	2,622	18	59	135	66
Gas Fields	60						384	957	1,869	1,021	15	41	88	45
Total		1.00	831	2,474	4,892	2,622	1,155	3,355	7,098	3,643	34	100	223	110

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			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean

2071 Red Sea Basin Province

207102 Maqna Total Petroleum System

20710201 Red Sea Coastal Block Faults Assessment Unit (10.2816% of undiscovered oil fields and 10.2816% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	1	1.00	75	216	376	220	167	495	937	516	10	30	57	31
Gas Fields	6						1,240	3,904	7,048	4,002	71	230	439	240
Total		1.00	75	216	376	220	1,406	4,399	7,985	4,518	81	260	495	271

20710201 Red Sea Coastal Block Faults Assessment Unit (11.3184% of undiscovered oil fields and 11.3184% of undiscovered gas fields allocated to OFFSHORE Saudi Arabia)

Oil Fields	1	1.00	83	237	413	242	184	545	1,032	568	11	33	62	34
Gas Fields	6						1,365	4,298	7,759	4,406	79	254	483	264
Total		1.00	83	237	413	242	1,548	4,843	8,790	4,974	90	286	545	298

20710202 Red Sea Salt Basin Assessment Unit (1.9476% of undiscovered oil fields and 1.9476% of undiscovered gas fields allocated to ONSHORE Saudi Arabia)

Oil Fields	10	0.73	0	9	21	9	0	17	44	17	0	0	1	1
Gas Fields	60						0	103	224	97	0	4	9	4
Total		0.73	0	9	21	9	0	119	268	114	0	5	10	4

20710202 Red Sea Salt Basin Assessment Unit (52.1524% of undiscovered oil fields and 52.1524% of undiscovered gas fields allocated to OFFSHORE Saudi Arabia)

Oil Fields	10	0.73	0	235	553	231	0	446	1,175	463	0	13	36	14
Gas Fields	60						0	2,751	6,010	2,601	0	108	244	104
Total		0.73	0	235	553	231	0	3,196	7,185	3,064	0	121	280	118