

Libya
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 Libya

Oil Fields			2,407	6,155	11,835	6,578	1,764	5,324	12,279	5,960	91	262	604	294
Gas Fields							2,581	6,361	12,748	6,845	98	277	622	308
Total	1.00		2,407	6,155	11,835	6,578	4,345	11,685	25,028	12,806	189	539	1,226	602

Total: Assessed offshore portions of Libya

Oil Fields			516	1,263	3,514	1,693	536	1,522	9,903	3,572	26	70	547	191
Gas Fields							829	2,232	12,243	4,731	20	52	341	126
Total	1.00		516	1,263	3,514	1,693	1,365	3,754	22,146	8,303	47	122	888	317

Grand Total: Assessed portions of Libya

Oil Fields			2,923	7,418	15,348	8,271	2,300	6,846	22,183	9,532	117	332	1,151	485
Gas Fields							3,410	8,593	24,991	11,577	118	329	963	434
Total	1.00		2,923	7,418	15,348	8,271	5,710	15,439	47,174	21,109	236	661	2,114	919

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			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
2043 Sirte Basin Province														
204301 Sirte-Zelten Total Petroleum System														
20430101 Southeast Sirte Clastics Assessment Unit (100% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Libya)														
Oil Fields	10	1.00	890	2,293	4,130	2,380	195	672	1,879	808	12	40	113	48
Gas Fields	60						0	0	0	0	0	0	0	0
Total			1.00	890	2,293	4,130	2,380	195	672	1,879	808	12	40	113
20430102 Central Sirte Carbonates Assessment Unit (75% of undiscovered oil fields and 75% of undiscovered gas fields allocated to ONSHORE Libya)														
Oil Fields	5	1.00	1,283	2,839	4,608	2,880	1,116	2,725	5,209	2,881	66	163	314	173
Gas Fields	30						1,850	4,214	8,439	4,557	53	125	260	137
Total			1.00	1,283	2,839	4,608	2,880	2,967	6,939	13,648	7,438	119	287	574
20430102 Central Sirte Carbonates Assessment Unit (25% of undiscovered oil fields and 25% of undiscovered gas fields allocated to OFFSHORE Libya)														
Oil Fields	5	1.00	428	946	1,536	960	372	908	1,736	960	22	54	105	58
Gas Fields	30						617	1,405	2,813	1,519	18	42	87	46
Total			1.00	428	946	1,536	960	989	2,313	4,549	2,479	40	96	191
20430103 Offshore Sirte Hypothetical Assessment Unit (100% of undiscovered oil fields and 100% of undiscovered gas fields allocated to OFFSHORE Libya)														
Oil Fields	10	0.48	0	0	1,254	382	0	0	6,633	1,909	0	0	400	115
Gas Fields	60						0	0	7,488	2,290	0	0	229	69
Total			0.48	0	0	1,254	382	0	0	14,121	4,199	0	0	629

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			Oil (MMBO)				Gas (BCFG)				NGL (MMBNGL)			
			F95	F50	F5	Mean	F95	F50	F5	Mean	F95	F50	F5	Mean
20430104 Southeast Sirte Hypothetical Assessment Unit (100% of undiscovered oil fields and 0% of undiscovered gas fields allocated to ONSHORE Libya)														
Oil Fields	5	0.50	0	70	824	253	0	13	222	60	0	1	13	4
Gas Fields	30						0	0	0	0	0	0	0	0
Total		0.50	0	70	824	253	0	13	222	60	0	1	13	4

2048 Pelagian Basin Province

204801 Bou Dabbous-Tertiary Total Petroleum System

20480101 Bou Dabbous-Tertiary Structural/Stratigraphic Assessment Unit (35% of undiscovered oil fields and 35% of undiscovered gas fields allocated to OFFSHORE Libya)

Oil Fields	4	1.00	60	211	479	234	112	409	1,014	467	3	13	34	15
Gas Fields	24						127	446	1,016	494	2	7	16	7
Total		1.00	60	211	479	234	239	855	2,031	961	5	19	50	22

204802 Jurassic-Cretaceous Composite Total Petroleum System

20480201 Jurassic-Cretaceous Structural/Stratigraphic Assessment Unit (.9% of undiscovered oil fields and .9% of undiscovered gas fields allocated to ONSHORE Libya)

Oil Fields	1	1.00	1	3	8	4	2	6	16	7	0	0	0	0
Gas Fields	6						3	12	29	13	0	0	0	0
Total		1.00	1	3	8	4	4	18	45	21	0	0	1	0

20480201 Jurassic-Cretaceous Structural/Stratigraphic Assessment Unit (29.1% of undiscovered oil fields and 29.1% of undiscovered gas fields allocated to OFFSHORE Libya)

Oil Fields	1	1.00	28	106	245	117	52	205	520	235	1	3	8	4
Gas Fields	6						85	382	926	429	1	4	10	4
Total		1.00	28	106	245	117	138	586	1,445	663	2	7	18	8

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Code and Field Type	MFS	Prob. (0-1)	Undiscovered Resources											
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2054 Trias/Ghadames Basin Province

205403 Tanezzuft-Ghadames Total Petroleum System

20540301 Tanezzuft-Ghadames Structural/Stratigraphic Assessment Unit (18.75% of undiscovered oil fields and 18.75% of undiscovered gas fields allocated to ONSHORE Libya)

Oil Fields	1	1.00	186	749	1,785	837	239	992	2,575	1,146	9	39	108	46
Gas Fields	6						263	996	2,338	1,111	28	108	277	125
Total		1.00	186	749	1,785	837	502	1,988	4,913	2,257	37	147	385	170

2056 Illizi Basin Province

205601 Tanezzuft-Illizi Total Petroleum System

20560101 Tanezzuft-Illizi Structural/Stratigraphic Assessment Unit (8% of undiscovered oil fields and 8% of undiscovered gas fields allocated to ONSHORE Libya)

Oil Fields	10	1.00	48	202	480	225	212	916	2,379	1,059	4	20	55	23
Gas Fields	60						465	1,139	1,943	1,164	17	44	84	47
Total		1.00	48	202	480	225	677	2,055	4,322	2,223	21	64	139	70