

North Ustyurt Basin Geologic Province 1150



- Buzachi Arch and Surrounding Areas Composite Total Petroleum System 115001
- North Ustyurt Jurassic Total Petroleum System 115002
- North Ustyurt Paleozoic Total Petroleum System 115003

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North Ustyurt Basin, Province 1150
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

1150 Total: Assessed onshore portions of North Ustyurt Basin Province

Oil Fields			85	379	1,063	451	30	115	312	136	1	6	16	7
Gas Fields							610	7,267	19,001	8,020	17	287	820	327
Total	1.00		85	379	1,063	451	640	7,382	19,313	8,155	18	292	835	333

1150 Total: Assessed offshore portions of North Ustyurt Basin Province

Oil Fields			83	414	1,226	503	11	53	159	65	0	1	4	2
Gas Fields							70	2,304	6,259	2,550	2	95	281	109
Total	1.00		83	414	1,226	503	81	2,358	6,418	2,615	2	97	285	111

1150 Grand Total: Assessed portions of North Ustyurt Basin Province

Oil Fields			168	793	2,289	954	41	168	471	201	2	7	20	8
Gas Fields							680	9,571	25,260	10,569	19	382	1,100	436
Total	1.00		168	793	2,289	954	721	9,739	25,731	10,770	21	389	1,120	444

North Ustyurt Basin, Province 1150
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

115001 Buzachi Arch and Surrounding Areas Composite Total Petroleum System

11500101 Mesozoic Sandstone Reservoirs Assessment Unit (40% of undiscovered oil fields and 100% of undiscovered gas fields allocated to ONSHORE province 1150)

Oil Fields	3	1.00	53	268	797	326	6	29	89	36	0	1	2	1
Gas Fields	18						0	0	0	0	0	0	0	0
Total		1.00	53	268	797	326	6	29	89	36	0	1	2	1

11500101 Mesozoic Sandstone Reservoirs Assessment Unit (60% of undiscovered oil fields and 0% of undiscovered gas fields allocated to OFFSHORE province 1150)

Oil Fields	3	1.00	79	402	1,196	489	8	43	134	54	0	1	3	1
Gas Fields	18						0	0	0	0	0	0	0	0
Total		1.00	79	402	1,196	489	8	43	134	54	0	1	3	1

115002 North Ustyurt Jurassic Total Petroleum System

11500201 Jurassic-Tertiary Reservoirs Assessment Unit (89.75% of undiscovered oil fields and 89.75% of undiscovered gas fields allocated to ONSHORE province 1150)

Oil Fields	3	1.00	32	111	265	125	24	86	223	100	1	5	14	6
Gas Fields	18						610	1,705	3,577	1,857	17	50	114	56
Total		1.00	32	111	265	125	634	1,791	3,800	1,957	18	55	128	62

11500201 Jurassic-Tertiary Reservoirs Assessment Unit (10.25% of undiscovered oil fields and 10.25% of undiscovered gas fields allocated to OFFSHORE province 1150)

Oil Fields	3	1.00	4	13	30	14	3	10	25	11	0	1	2	1
Gas Fields	18						70	195	409	212	2	6	13	6
Total		1.00	4	13	30	14	72	205	434	223	2	6	15	7

North Ustyurt Basin, Province 1150
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

115003 North Ustyurt Paleozoic Total Petroleum System

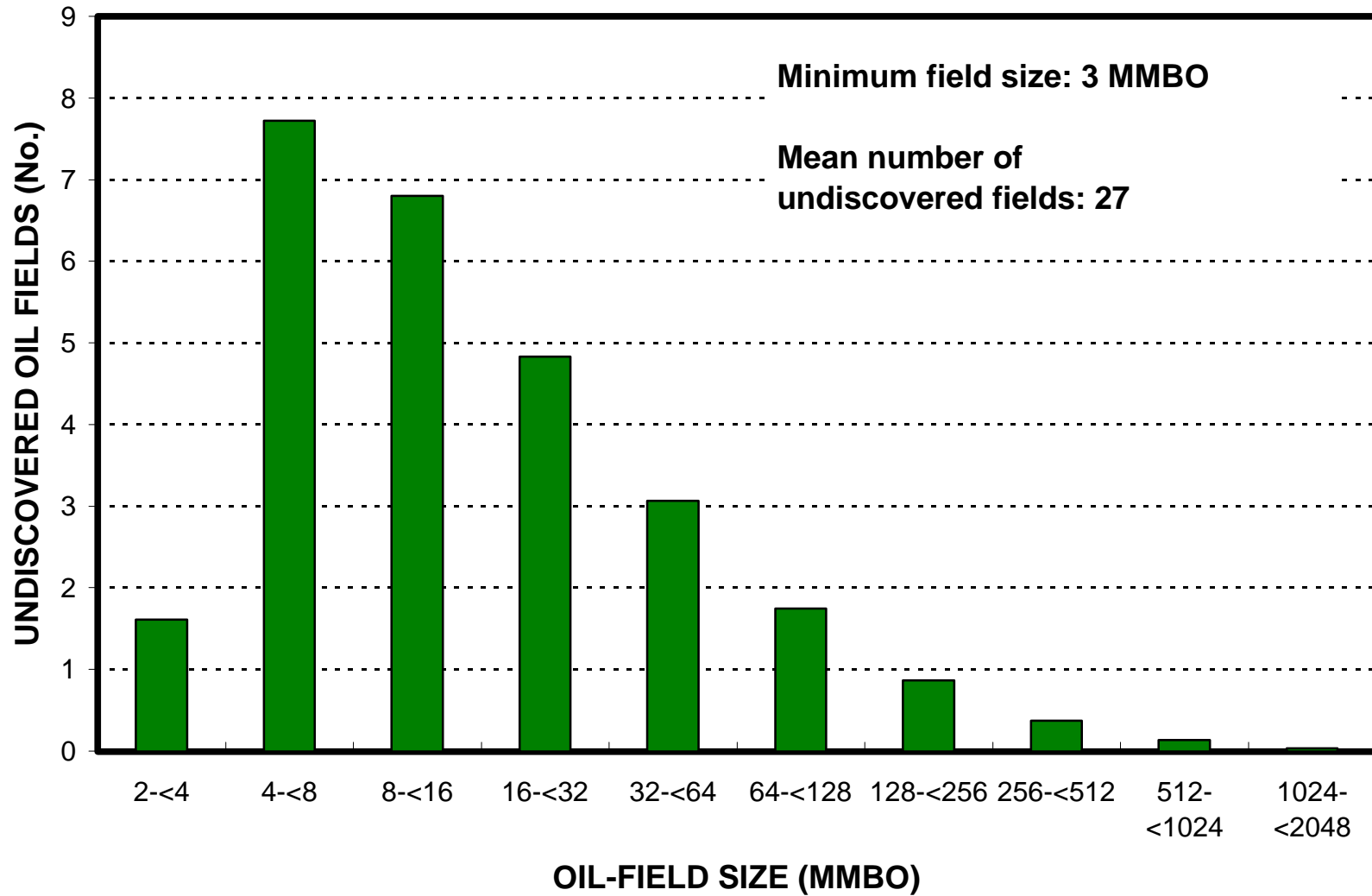
11500301 Upper Paleozoic Carbonates Assessment Unit (100% of undiscovered oil fields and 72.5% of undiscovered gas fields allocated to ONSHORE province 1150)

Oil Fields	10	0.80	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	60						0	5,562	15,424	6,163	0	236	705	271
Total			0.80	0	0	0	0	0	5,562	15,424	6,163	0	236	705

11500301 Upper Paleozoic Carbonates Assessment Unit (0% of undiscovered oil fields and 27.5% of undiscovered gas fields allocated to OFFSHORE province 1150)

Oil Fields	10	0.80	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	60						0	2,110	5,850	2,338	0	90	268	103
Total			0.80	0	0	0	0	0	2,110	5,850	2,338	0	90	268

North Ustyurt Basin, Province 1150 Undiscovered Field-Size Distribution



North Ustyurt Basin, Province 1150 Undiscovered Field-Size Distribution

