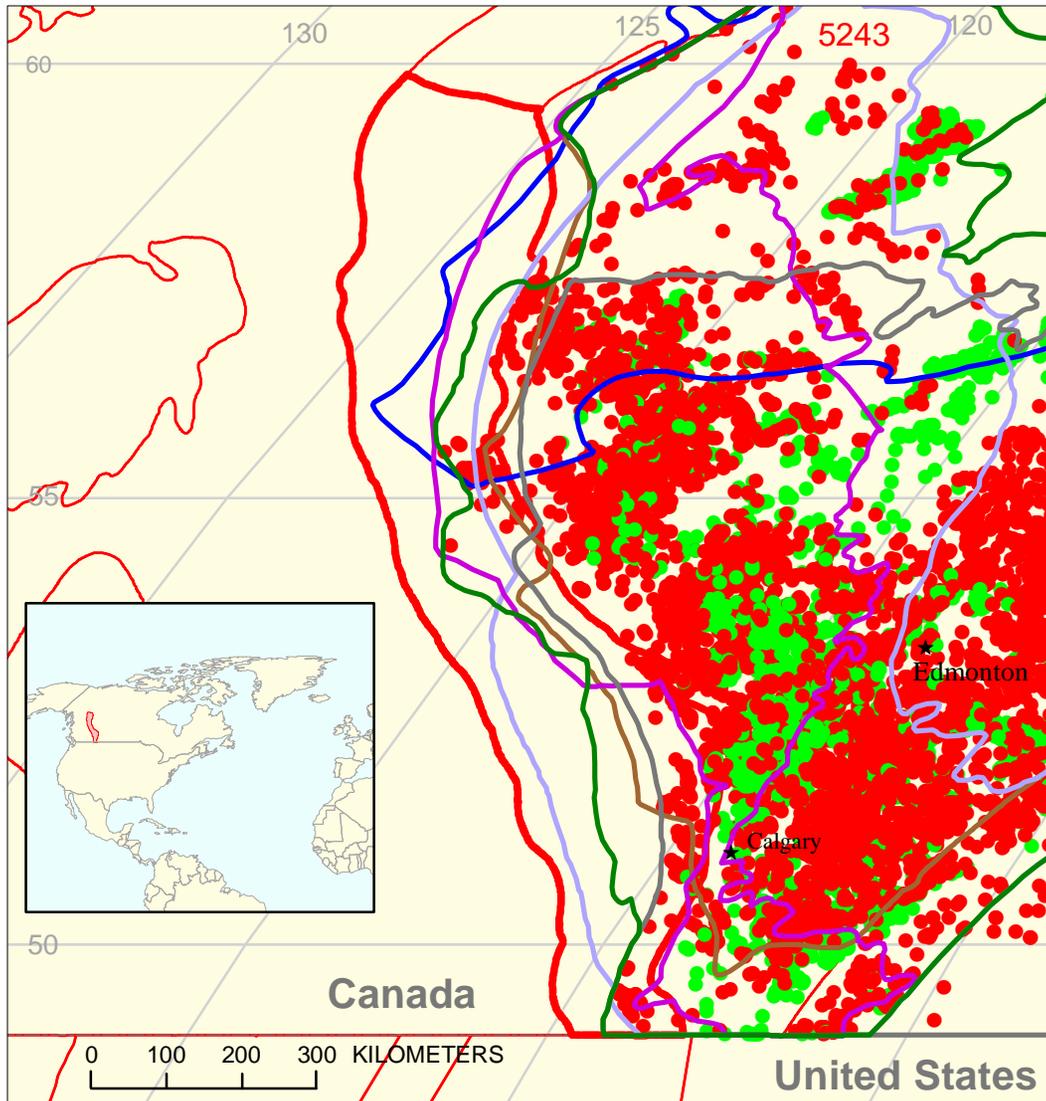


Rocky Mountain Deformed Belt Geologic Province 5245



-  Keg River-Keg River
Total Petroleum System 524301
-  Duvernay-Leduc
Total Petroleum System 524302
-  Exshaw-Rundle
Total Petroleum System 524303
-  Combined Triassic/Jurassic
Total Petroleum System 524304
-  Mannville-Upper Mannville
Total Petroleum System 524305
-  Second White Specks-Cardium
Total Petroleum System 524306

-  Keg River-Keg River Total Petroleum System 524301
-  Duvernay-Leduc Total Petroleum System 524302
-  Exshaw-Rundle Total Petroleum System 524303
-  Combined Triassic/Jurassic Total Petroleum System 524304
-  Mannville-Upper Mannville Total Petroleum System 524305
-  Second White Specks-Cardium Total Petroleum System 524306

-  Rocky Mountain Deformed Belt Geologic Province 5245
-  Other geologic province boundary

Rocky Mountain Deformed Belt, Province 5245
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

5245 Total: Assessed onshore portions of Rocky Mountain Deformed Belt Province

Oil Fields		1.00	2	6	11	6	1	3	7	4	0	0	0	0
Gas Fields							1,327	3,007	5,578	3,182	28	70	142	75
Total		1.00	2	6	11	6	1,329	3,010	5,585	3,186	29	70	142	76

5245 Total: Assessed offshore portions of Rocky Mountain Deformed Belt Province

Oil Fields		0.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields							0	0	0	0	0	0	0	0
Total		0.00	0	0	0	0	0	0	0	0	0	0	0	0

5245 Grand Total: Assessed portions of Rocky Mountain Deformed Belt Province

Oil Fields		1.00	2	6	11	6	1	3	7	4	0	0	0	0
Gas Fields							1,327	3,007	5,578	3,182	28	70	142	75
Total		1.00	2	6	11	6	1,329	3,010	5,585	3,186	29	70	142	76

Rocky Mountain Deformed Belt, Province 5245
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
524301 Keg River-Keg River Total Petroleum System														
52430101 Keg River Gas Assessment Unit (0% of undiscovered oil fields and 15% of undiscovered gas fields allocated to ONSHORE province 5245)														
Oil Fields	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	3						53	123	229	130	1	2	5	3
Total			1.00	0	0	0	0	53	123	229	130	1	2	5
52430102 Keg River Oil and Gas Assessment Unit (2% of undiscovered oil fields and 5% of undiscovered gas fields allocated to ONSHORE province 5245)														
Oil Fields	1	1.00	1	2	3	2	0	1	4	2	0	0	0	0
Gas Fields	3						15	40	72	41	0	1	2	1
Total			1.00	1	2	3	2	16	41	76	43	0	1	2
524302 Duvernay-Leduc Total Petroleum System														
52430201 Leduc Gas Assessment Unit (0% of undiscovered oil fields and 20% of undiscovered gas fields allocated to ONSHORE province 5245)														
Oil Fields	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	3						191	470	841	488	7	17	34	19
Total			1.00	0	0	0	0	191	470	841	488	7	17	34
524303 Exshaw-Rundle Total Petroleum System														
52430301 Exshaw-Rundle Gas Assessment Unit (0% of undiscovered oil fields and 30% of undiscovered gas fields allocated to ONSHORE province 5245)														
Oil Fields	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	3						208	604	1,284	659	4	12	27	13
Total			1.00	0	0	0	0	208	604	1,284	659	4	12	27

Rocky Mountain Deformed Belt, Province 5245
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

524304 Combined Triassic/Jurassic Total Petroleum System

52430401 Combined Triassic/Jurassic Gas Assessment Unit (0% of undiscovered oil fields and 75% of undiscovered gas fields allocated to ONSHORE province 5245)

Oil Fields	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	3						422	914	1,677	967	8	20	40	21
Total			1.00	0	0	0	0	422	914	1,677	967	8	20	40

52430402 Combined Triassic/Jurassic Oil and Gas Assessment Unit (3% of undiscovered oil fields and 3% of undiscovered gas fields allocated to ONSHORE province 5245)

Oil Fields	1	1.00	1	3	5	3	0	1	3	1	0	0	0	0
Gas Fields	3						10	23	47	25	0	1	2	1
Total			1.00	1	3	5	3	10	24	50	26	0	1	2

524305 Mannville-Upper Mannville Total Petroleum System

52430501 Mannville Gas Assessment Unit (0% of undiscovered oil fields and 17% of undiscovered gas fields allocated to ONSHORE province 5245)

Oil Fields	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	3						391	748	1,270	781	7	15	27	16
Total			1.00	0	0	0	0	391	748	1,270	781	7	15	27

524306 Second White Specks-Cardium Total Petroleum System

52430601 Second White Specks-Cardium Gas Assessment Unit (0% of undiscovered oil fields and 20% of undiscovered gas fields allocated to ONSHORE province 5245)

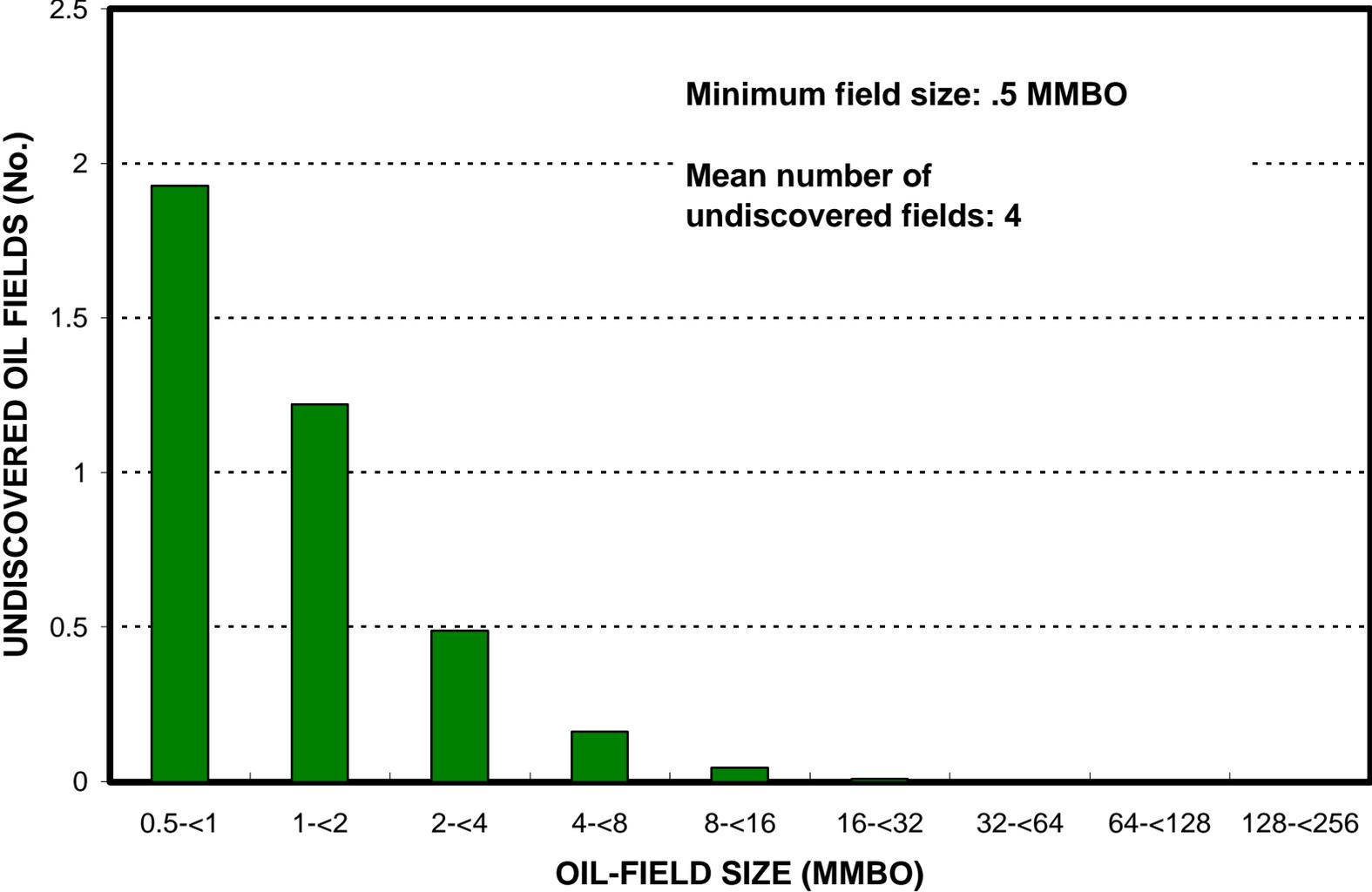
Oil Fields	1	1.00	0	0	0	0	0	0	0	0	0	0	0	0
Gas Fields	3						23	54	101	57	1	2	3	2
Total			1.00	0	0	0	0	23	54	101	57	1	2	3

Rocky Mountain Deformed Belt, Province 5245
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
52430602 Second White Specks-Cardium Oil and Gas Assessment Unit (4% of undiscovered oil fields and 4% of undiscovered gas fields allocated to ONSHORE province 5245)														
Oil Fields	1	1.00	1	1	2	1	0	1	1	1	0	0	0	0
Gas Fields	3						15	31	55	33	0	1	2	1
Total		1.00	1	1	2	1	15	32	57	34	0	1	2	1

**Rocky Mountain Deformed Belt, Province 5245
Undiscovered Field-Size Distribution**



Rocky Mountain Deformed Belt, Province 5245

Undiscovered Field-Size Distribution

