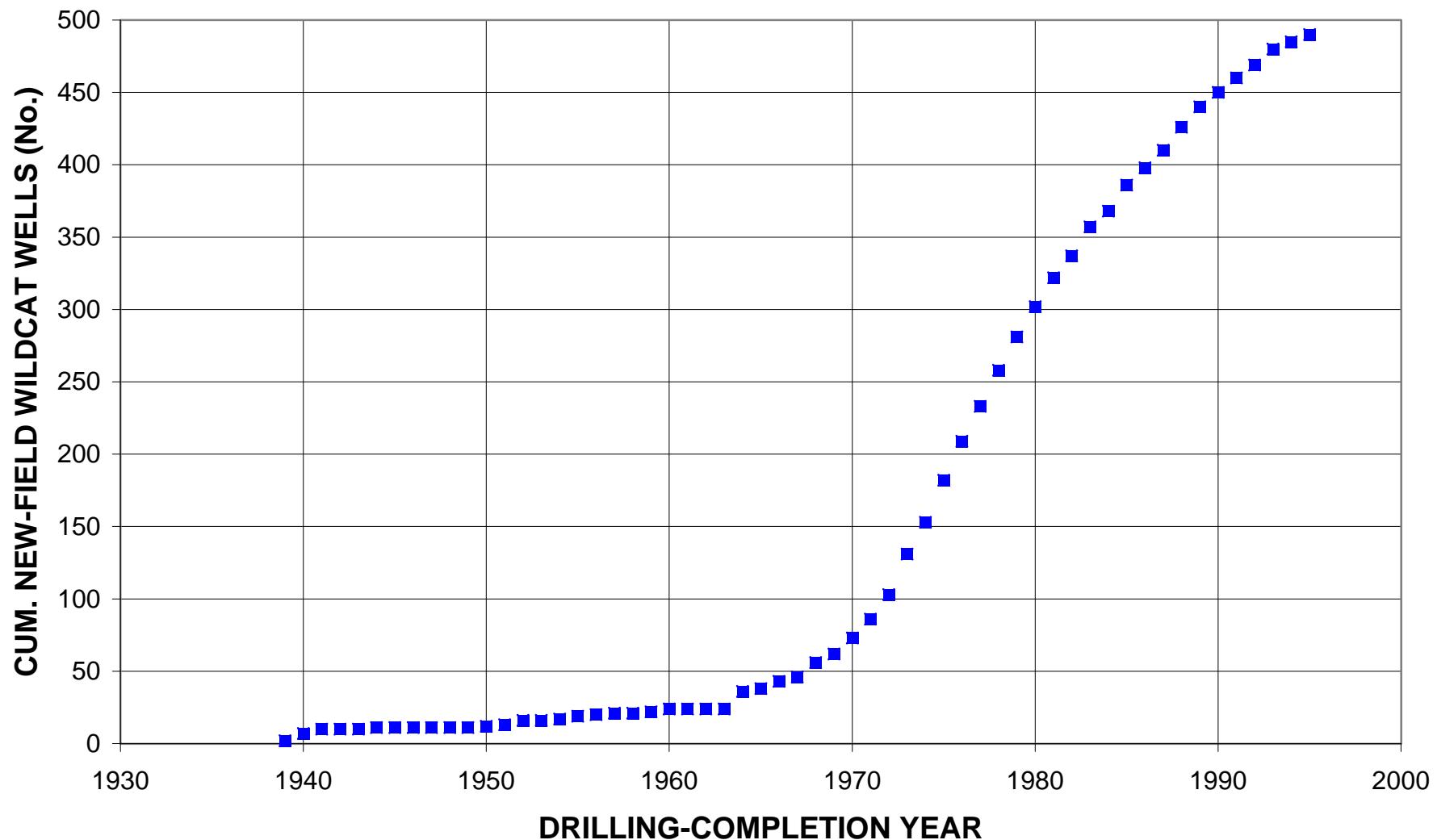
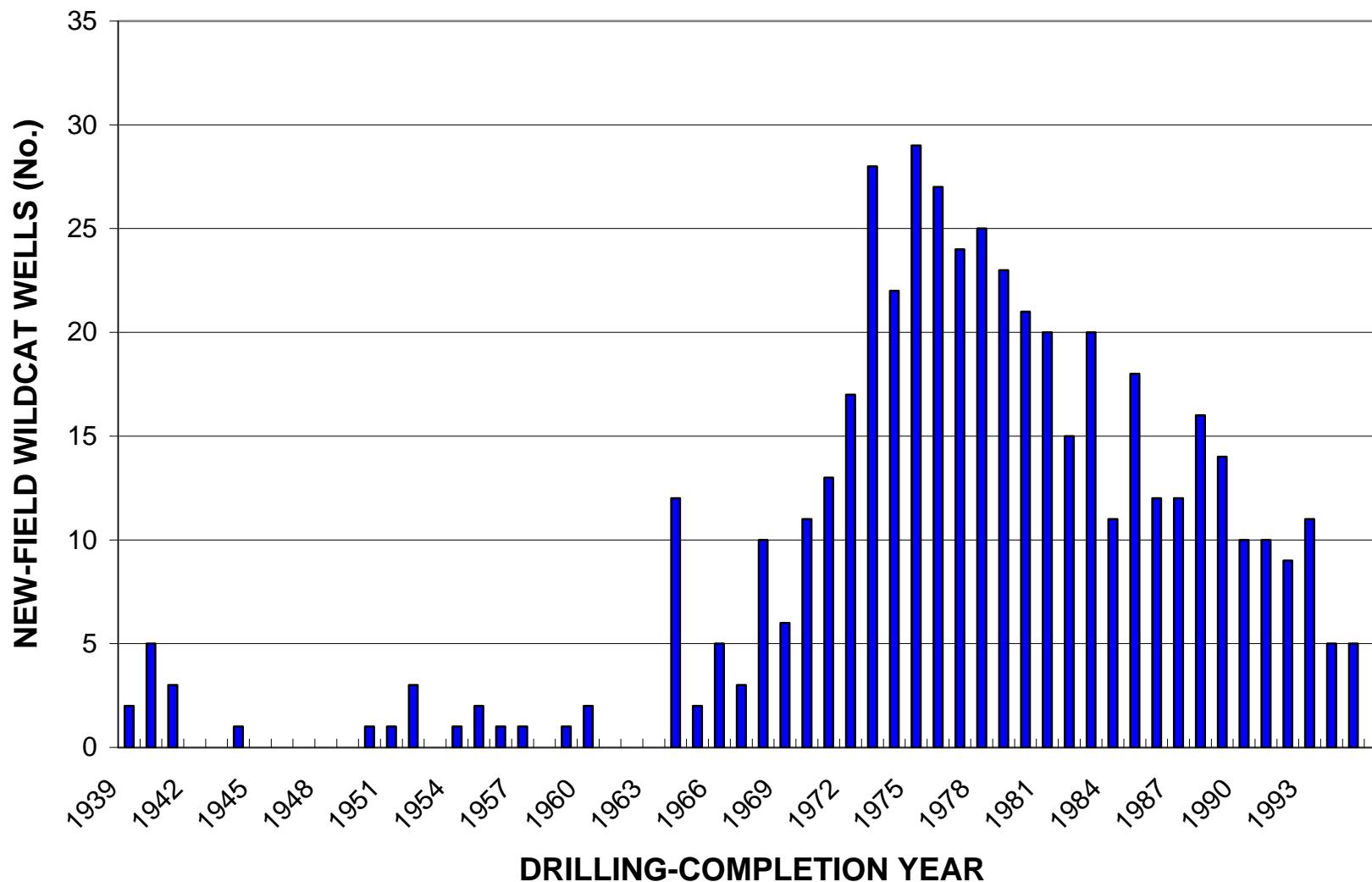


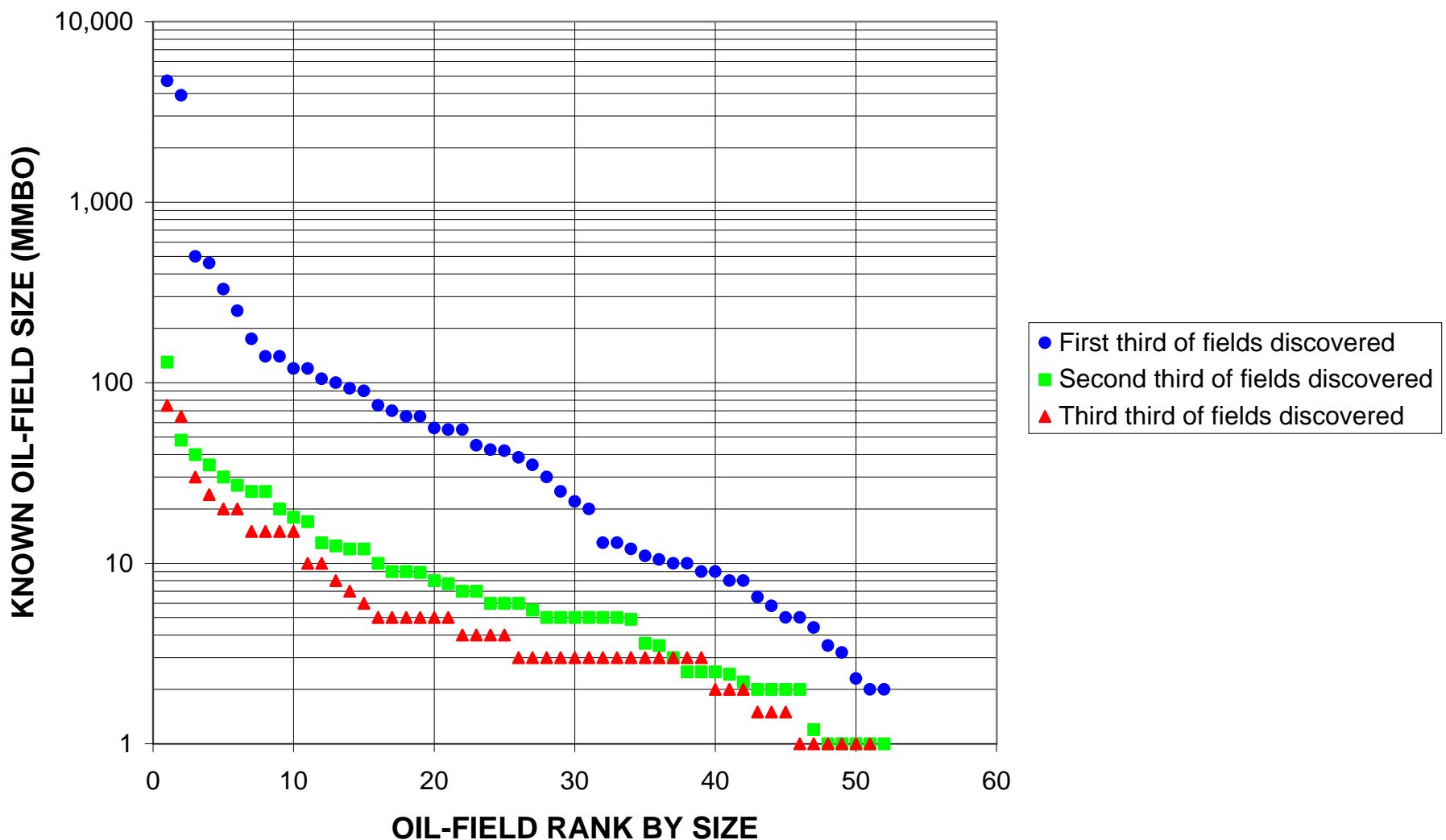
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



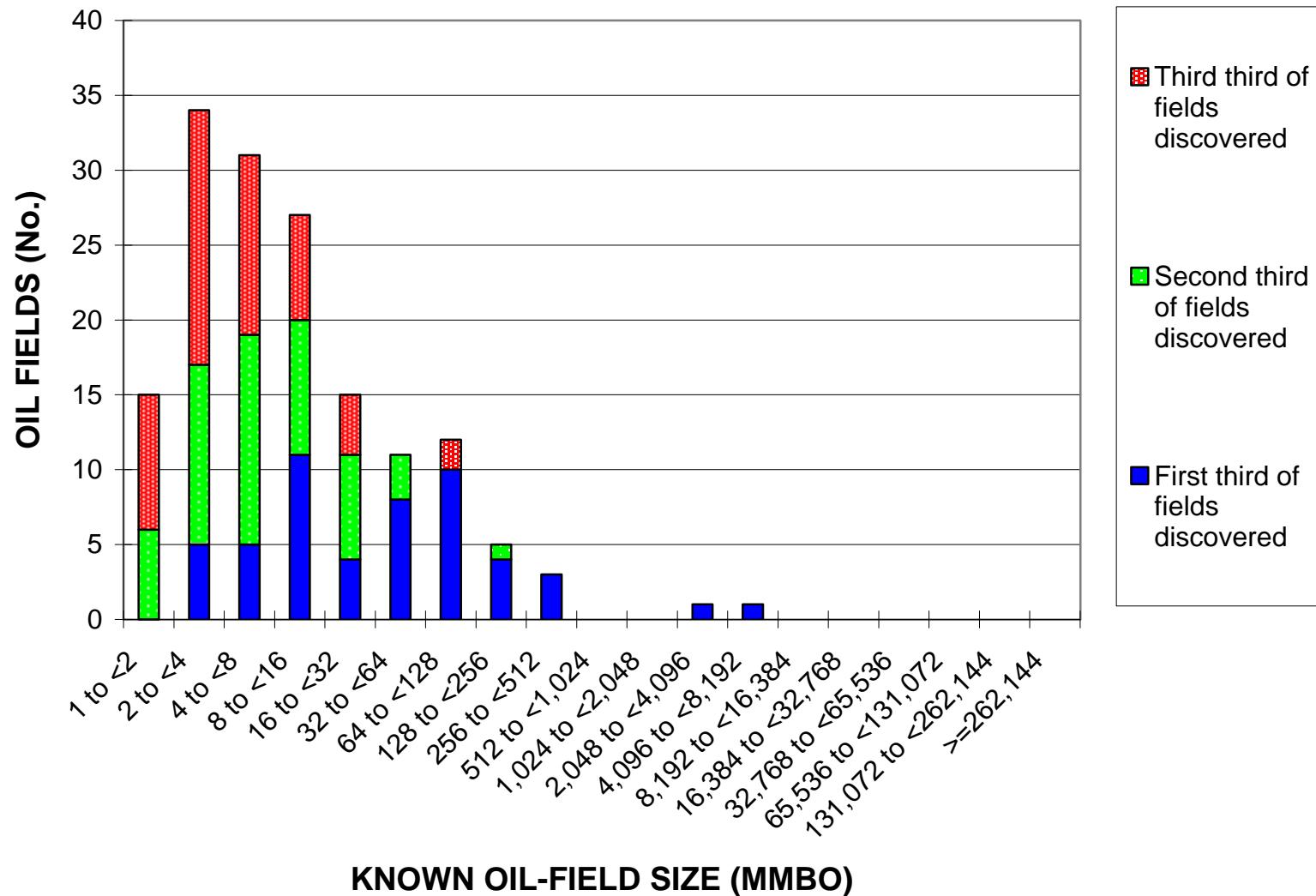
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



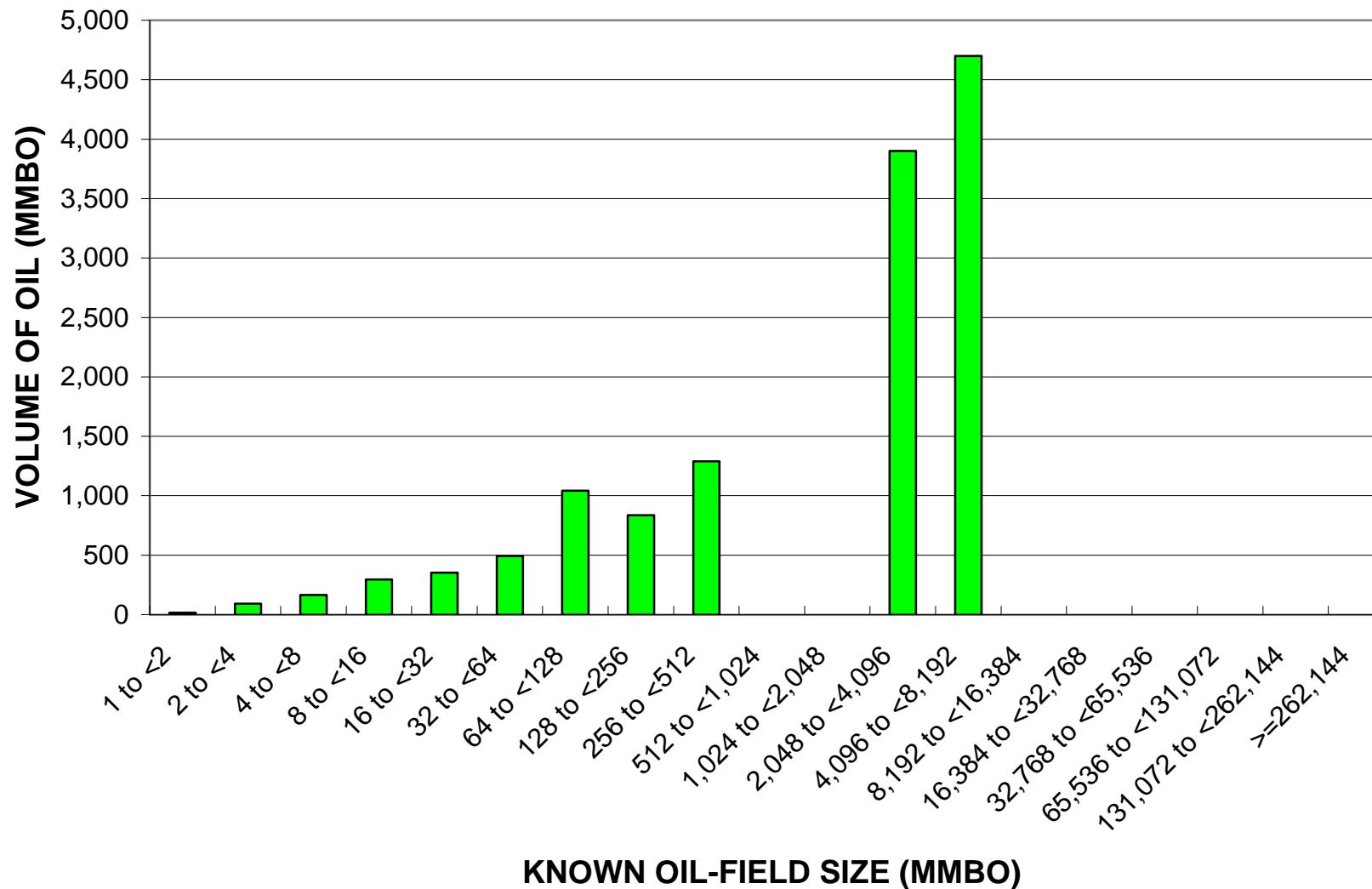
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



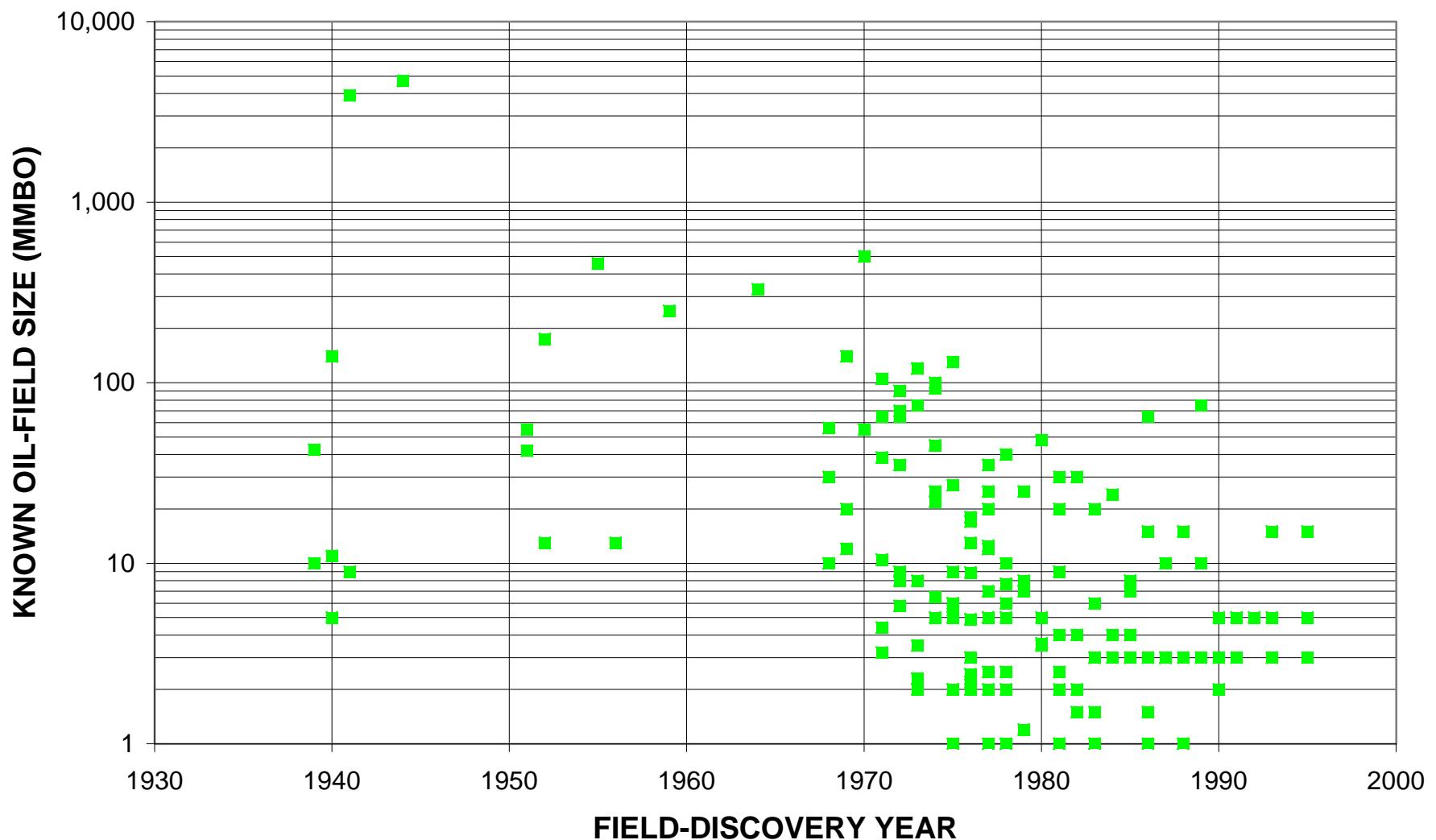
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



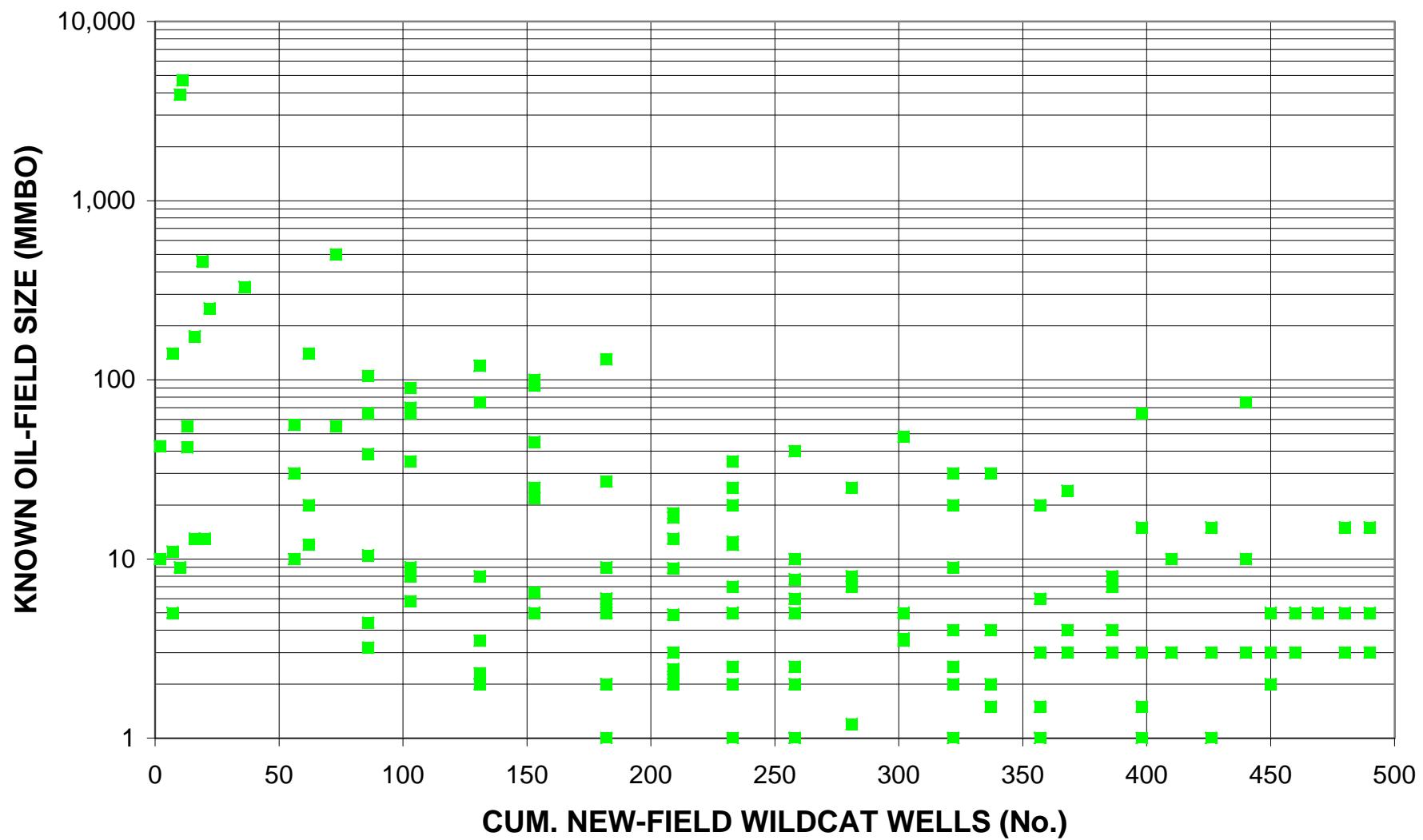
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



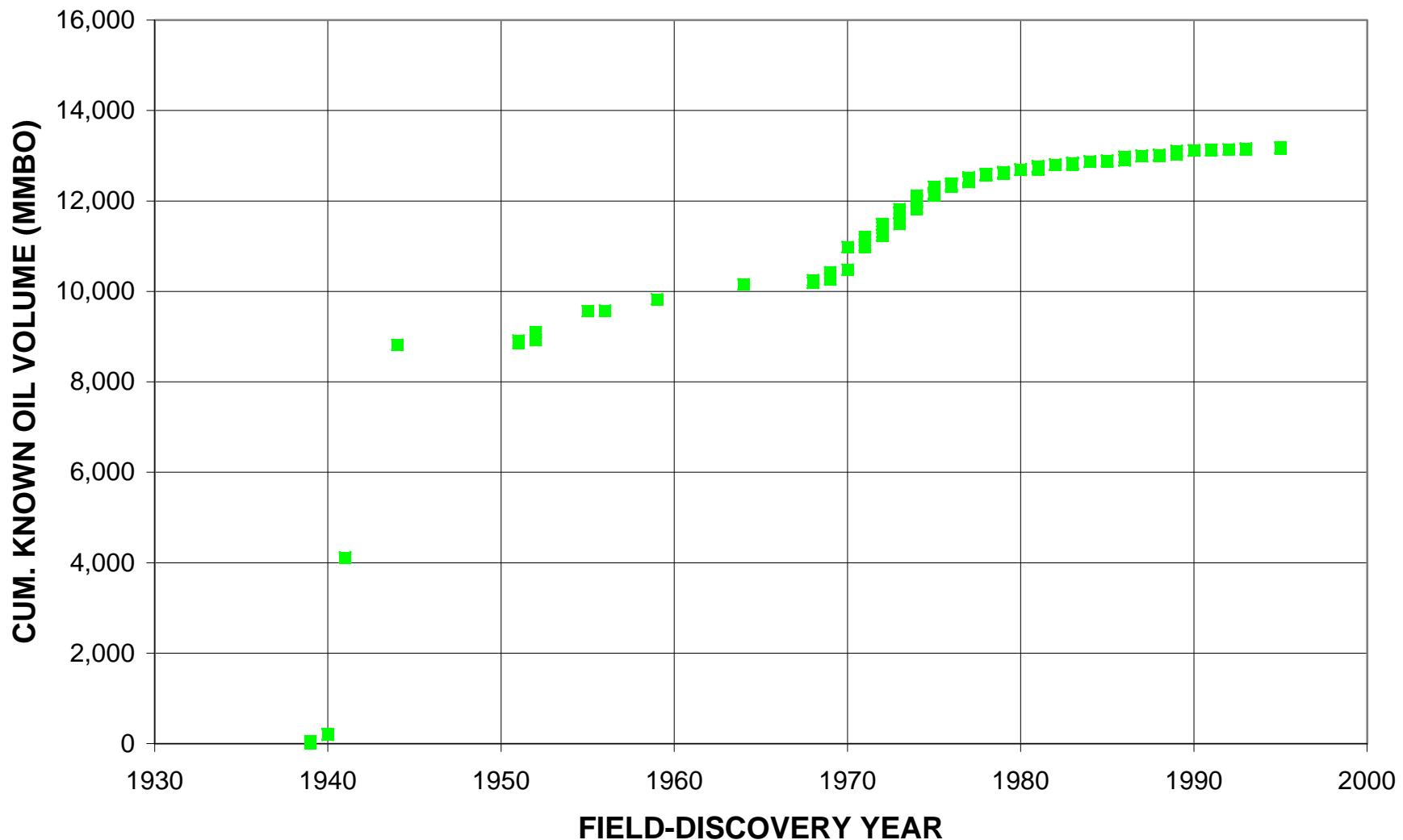
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



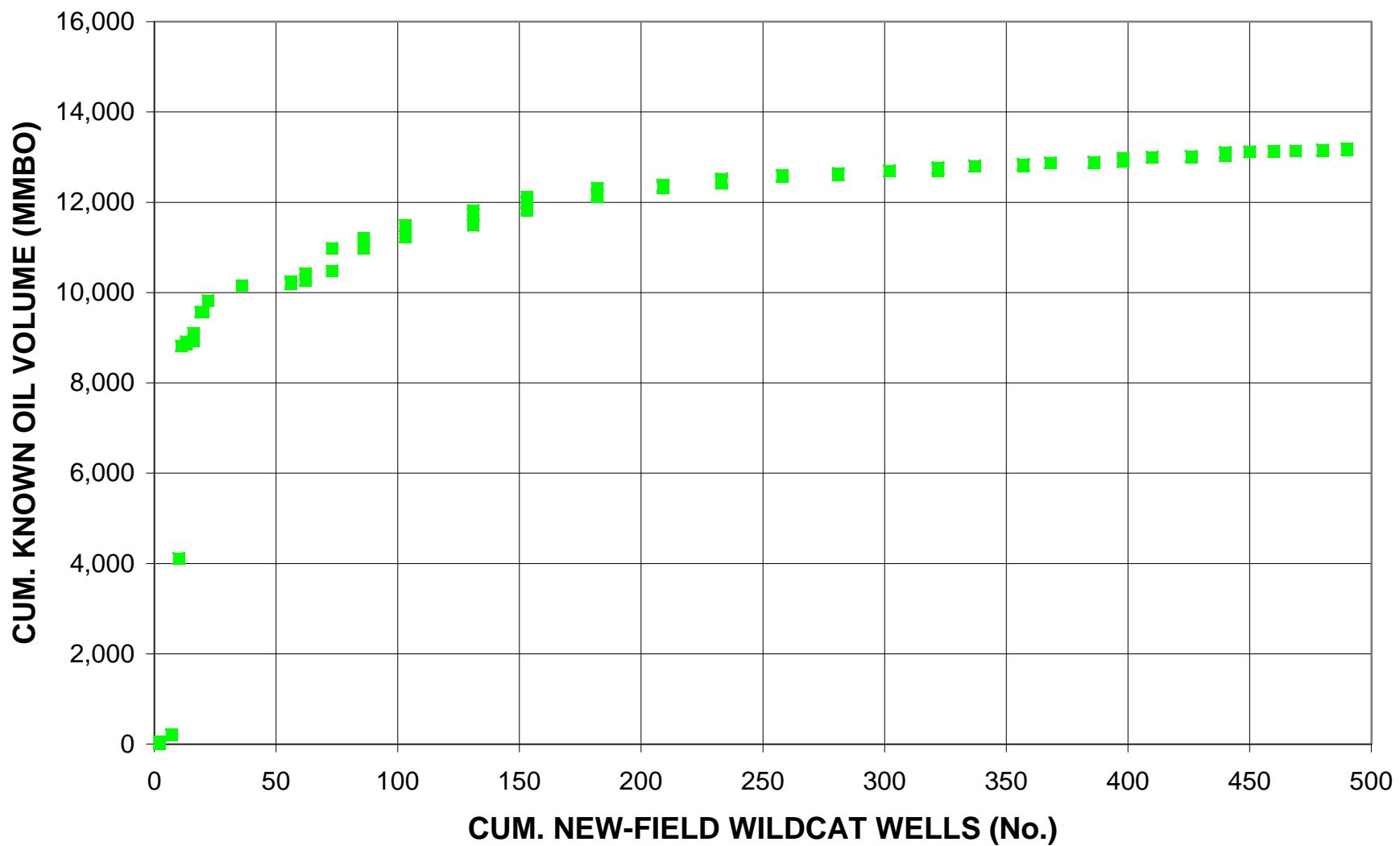
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



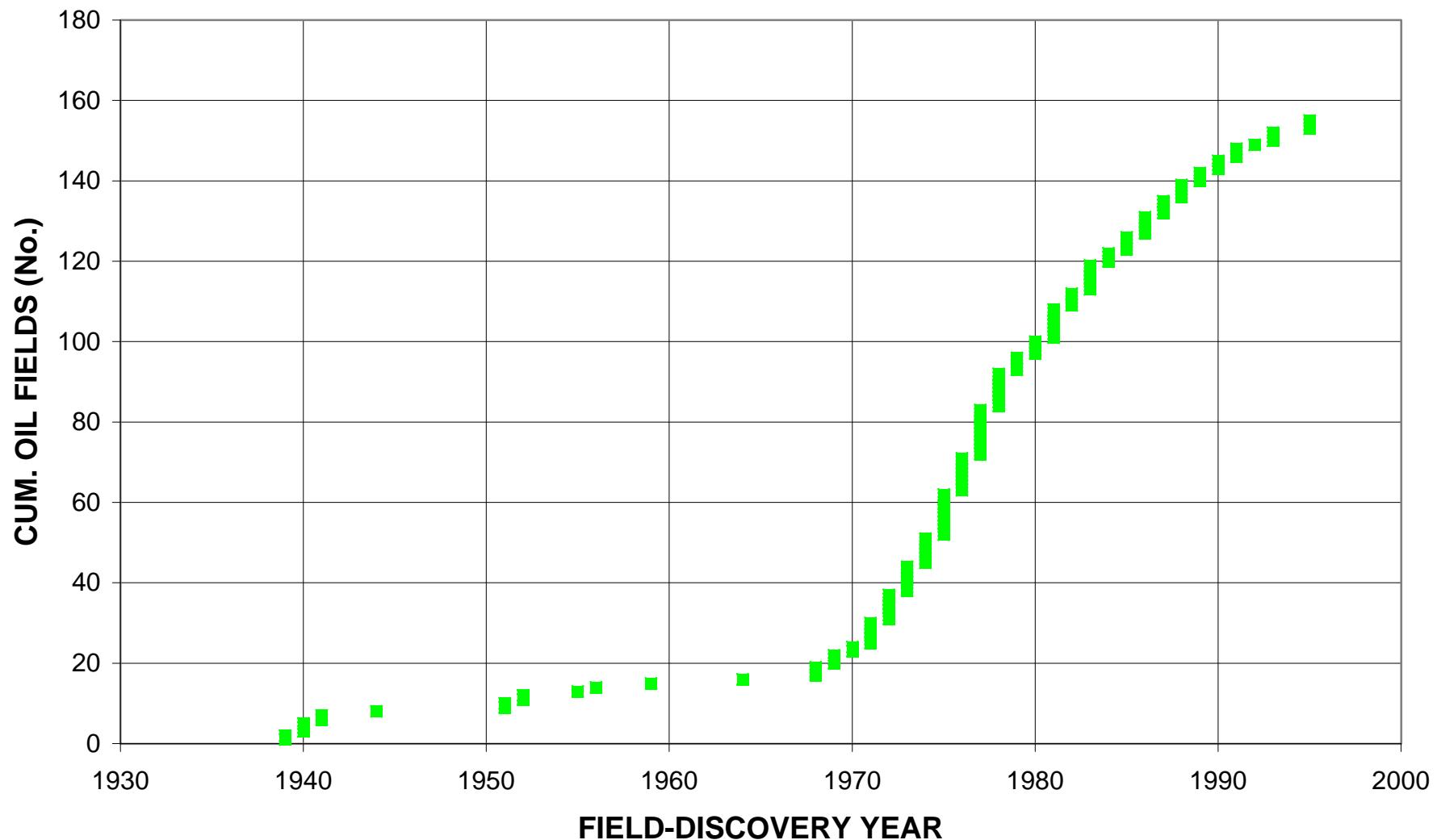
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



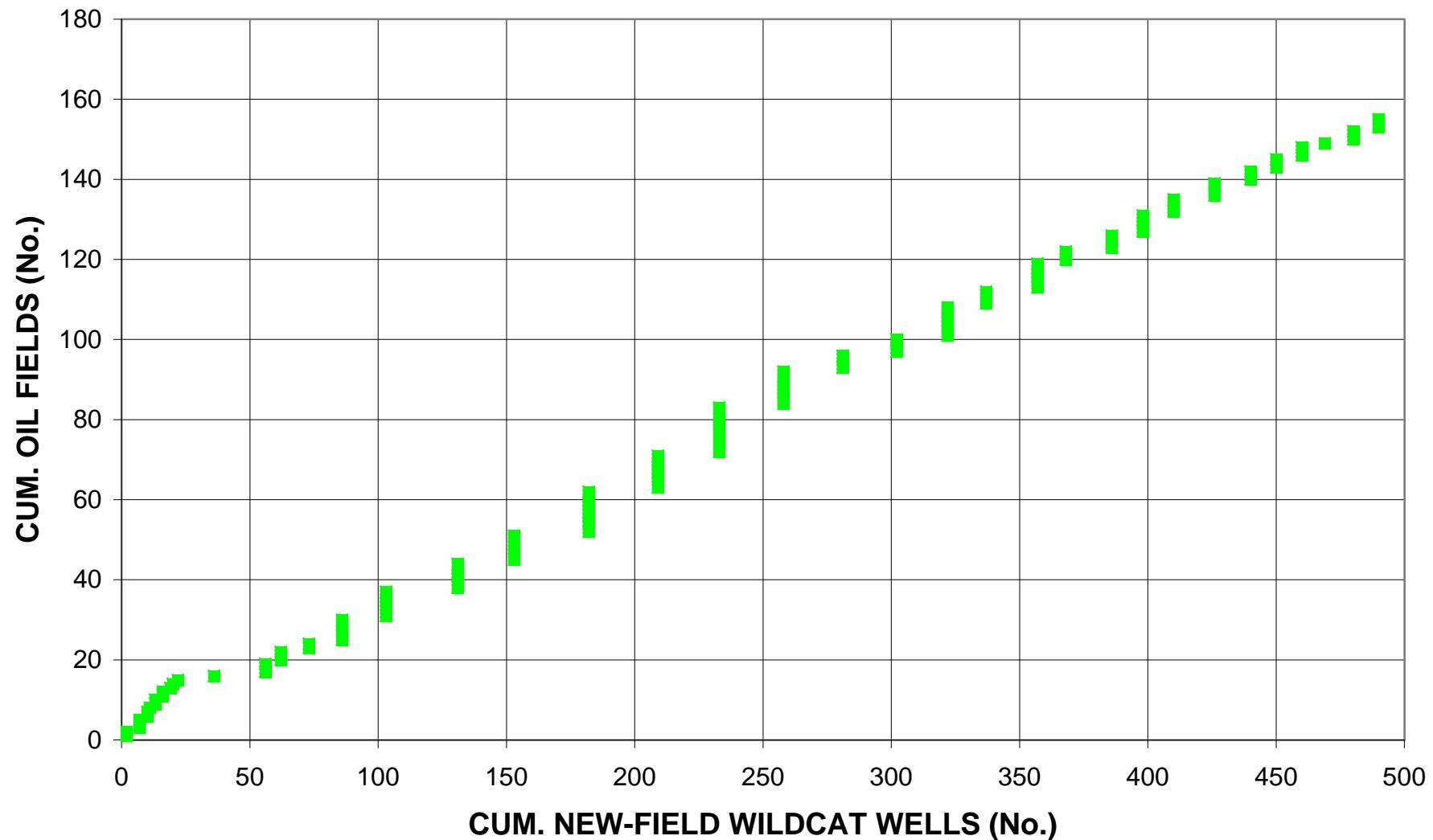
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



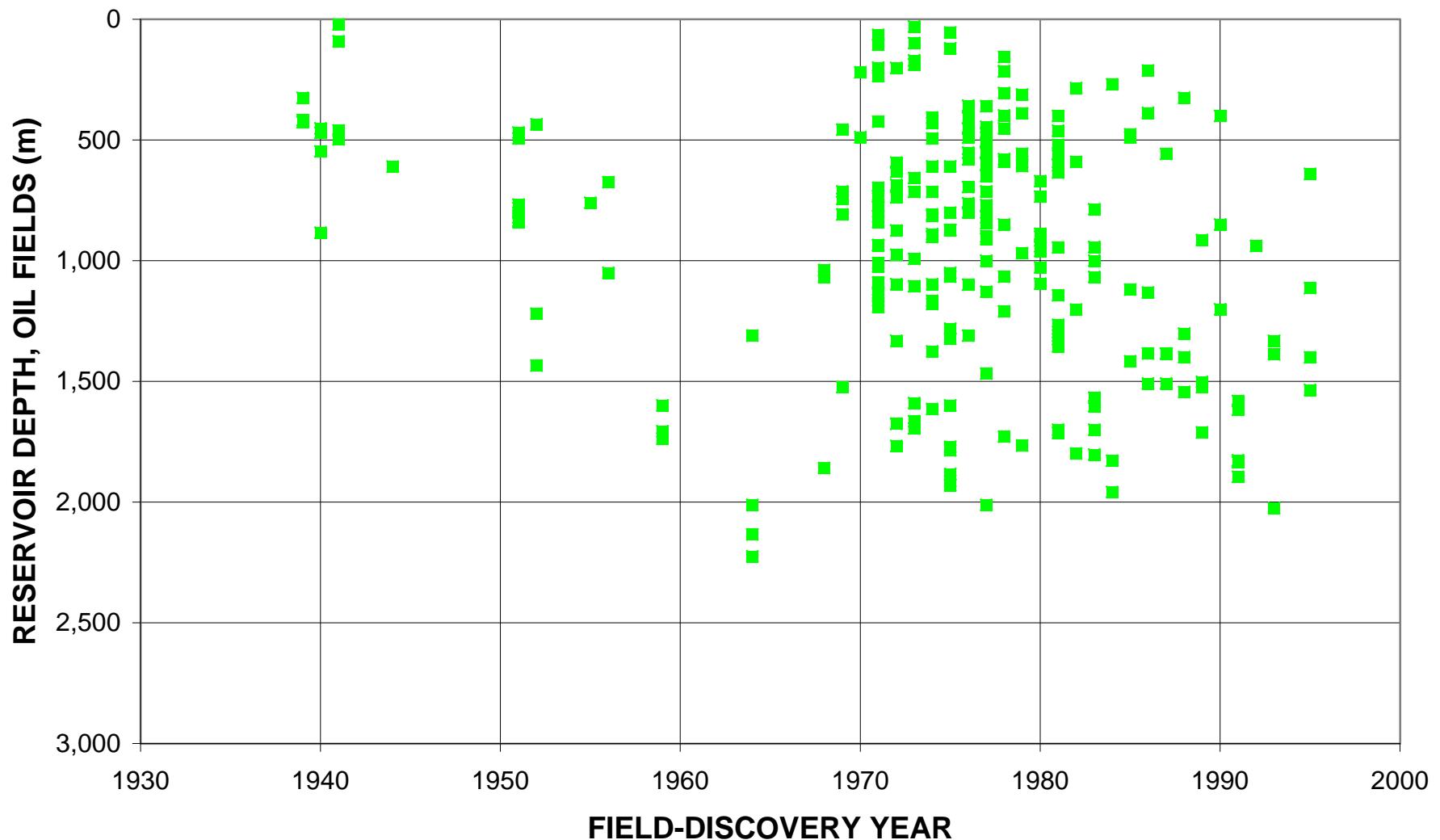
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



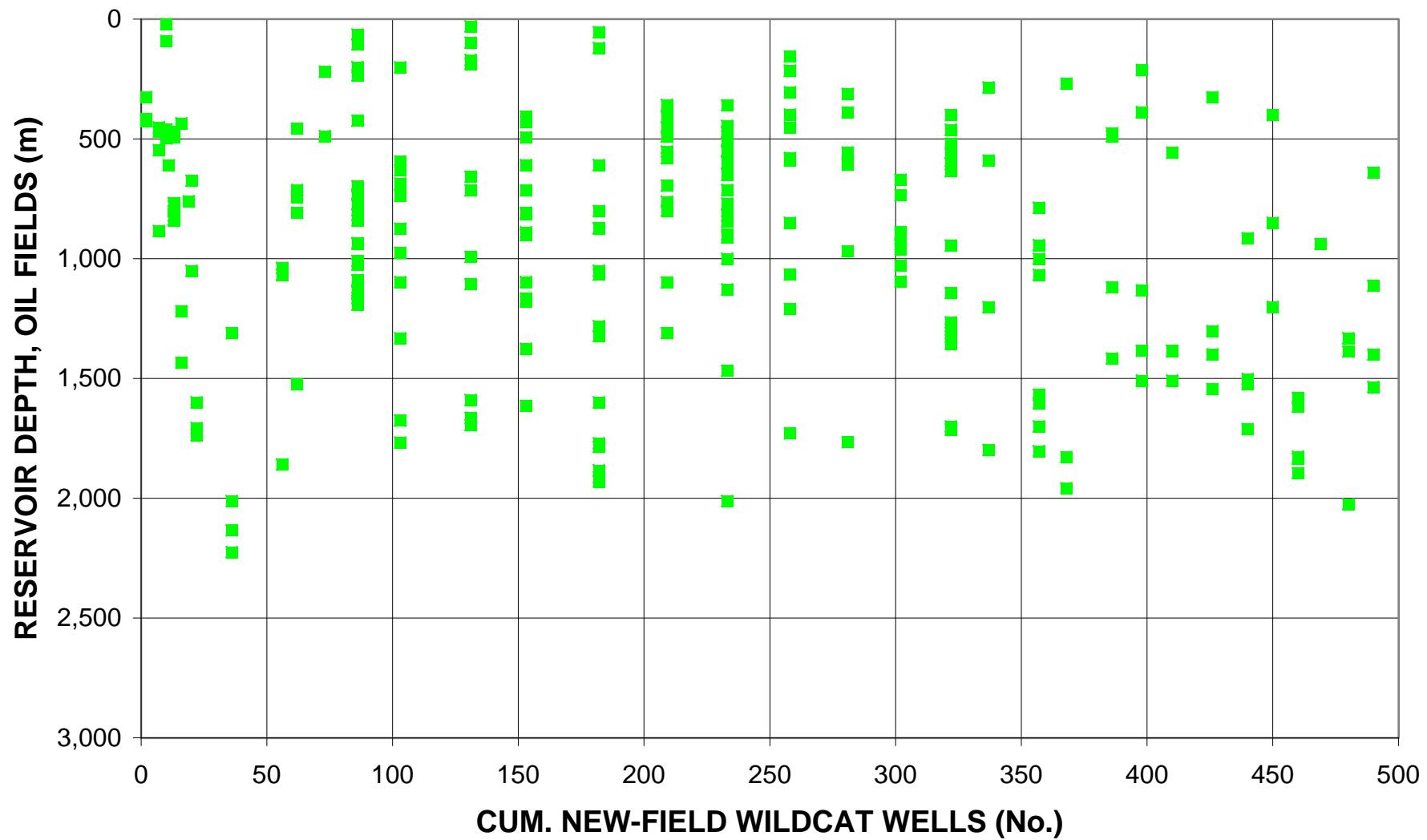
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



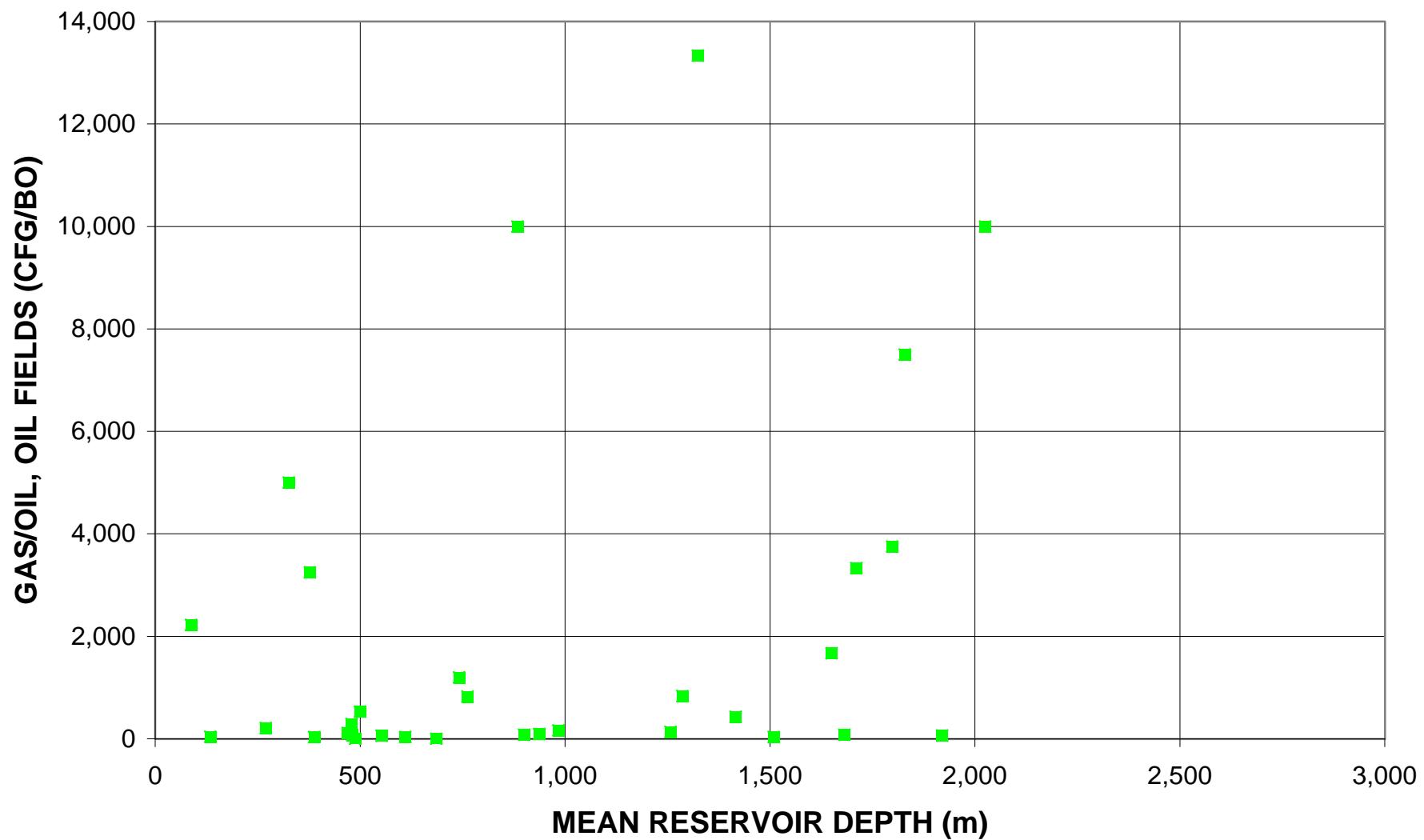
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



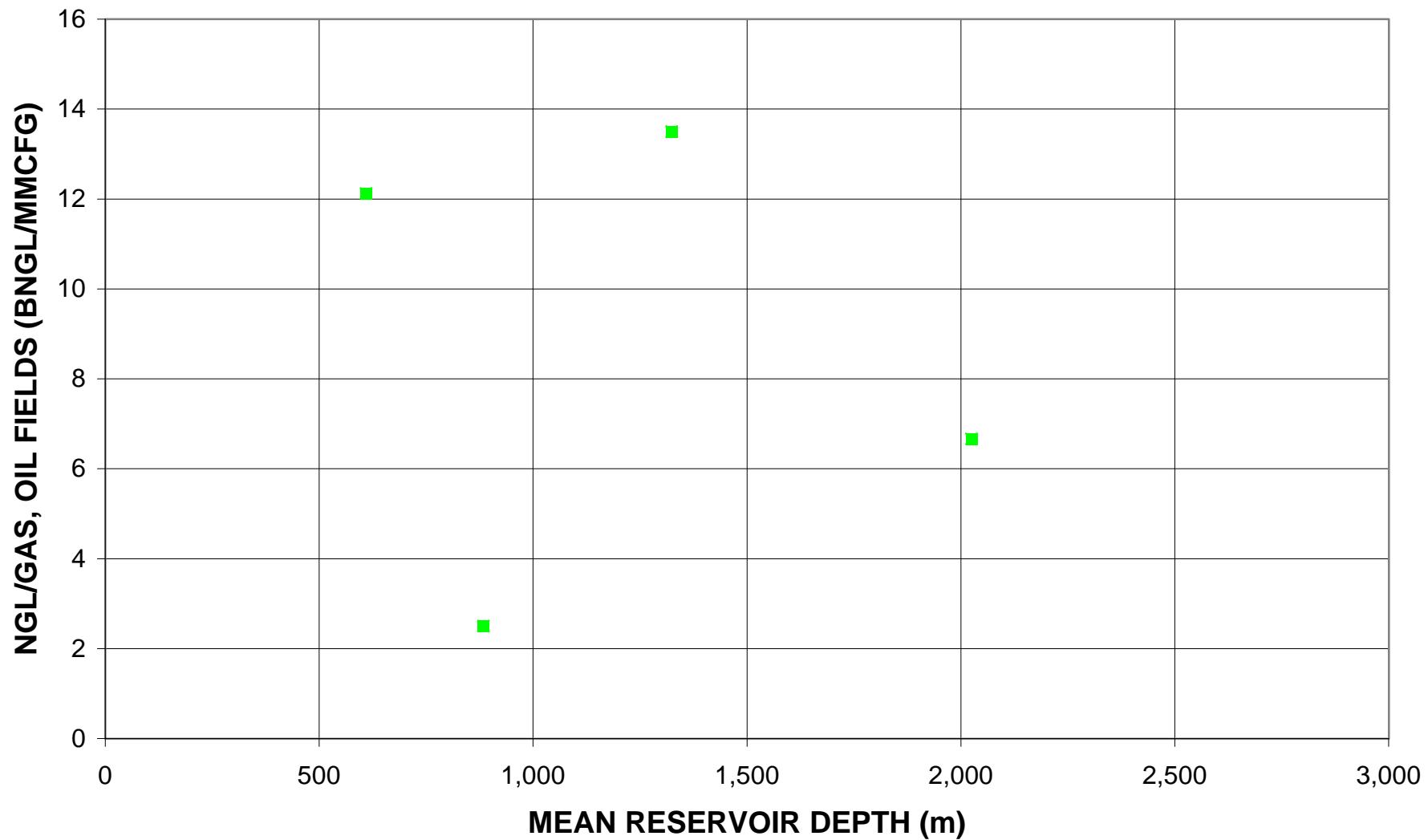
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



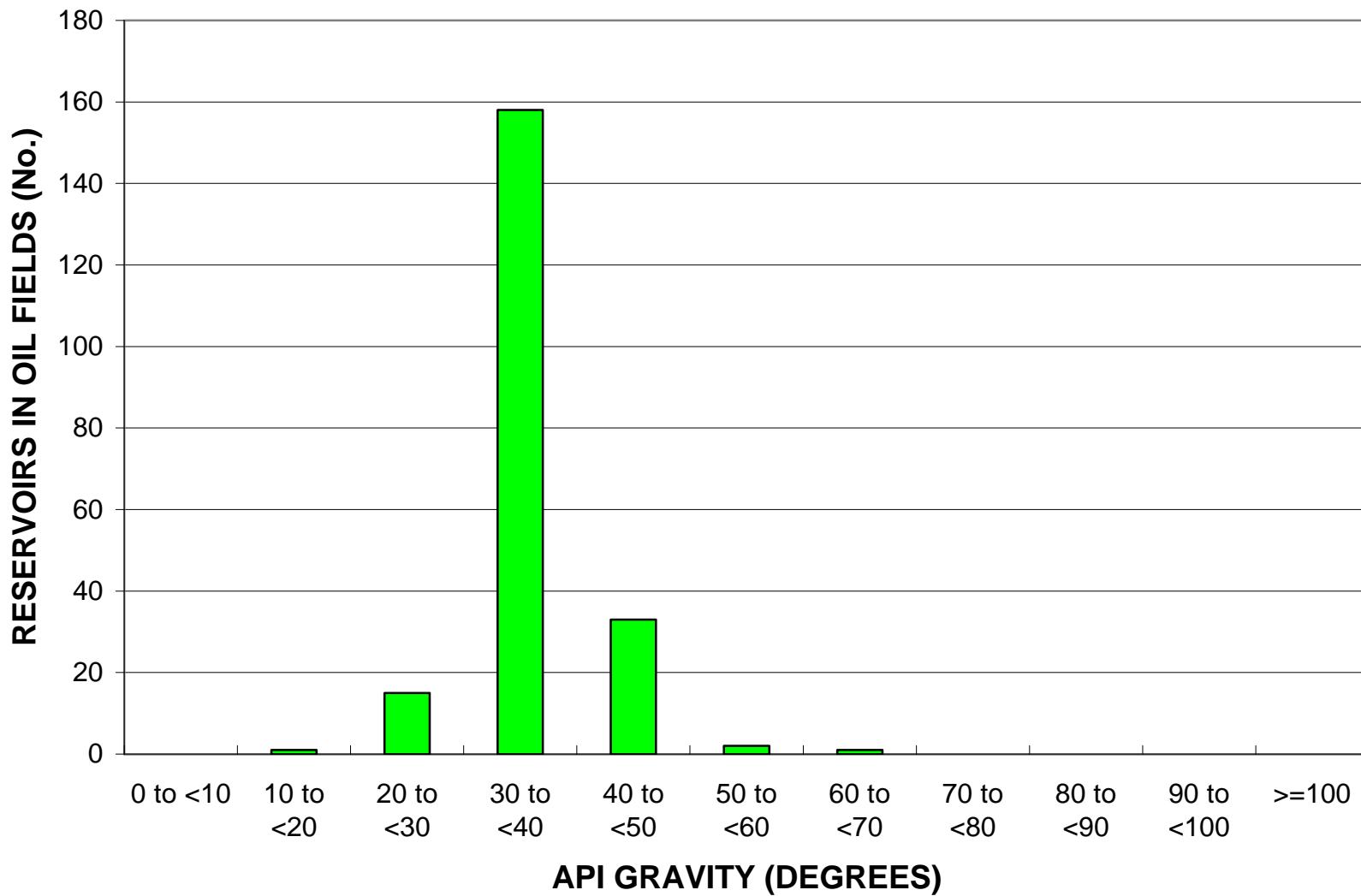
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



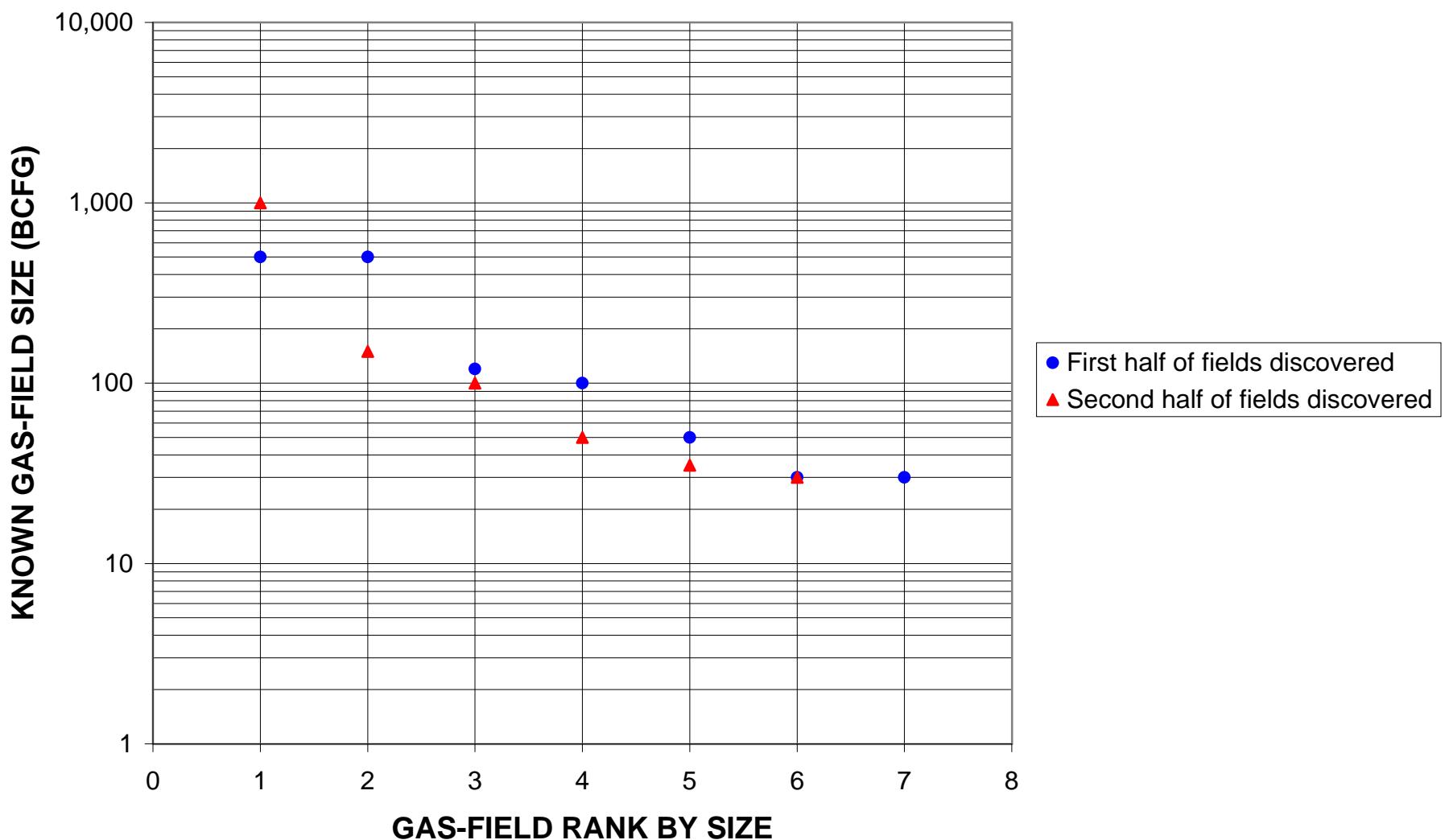
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



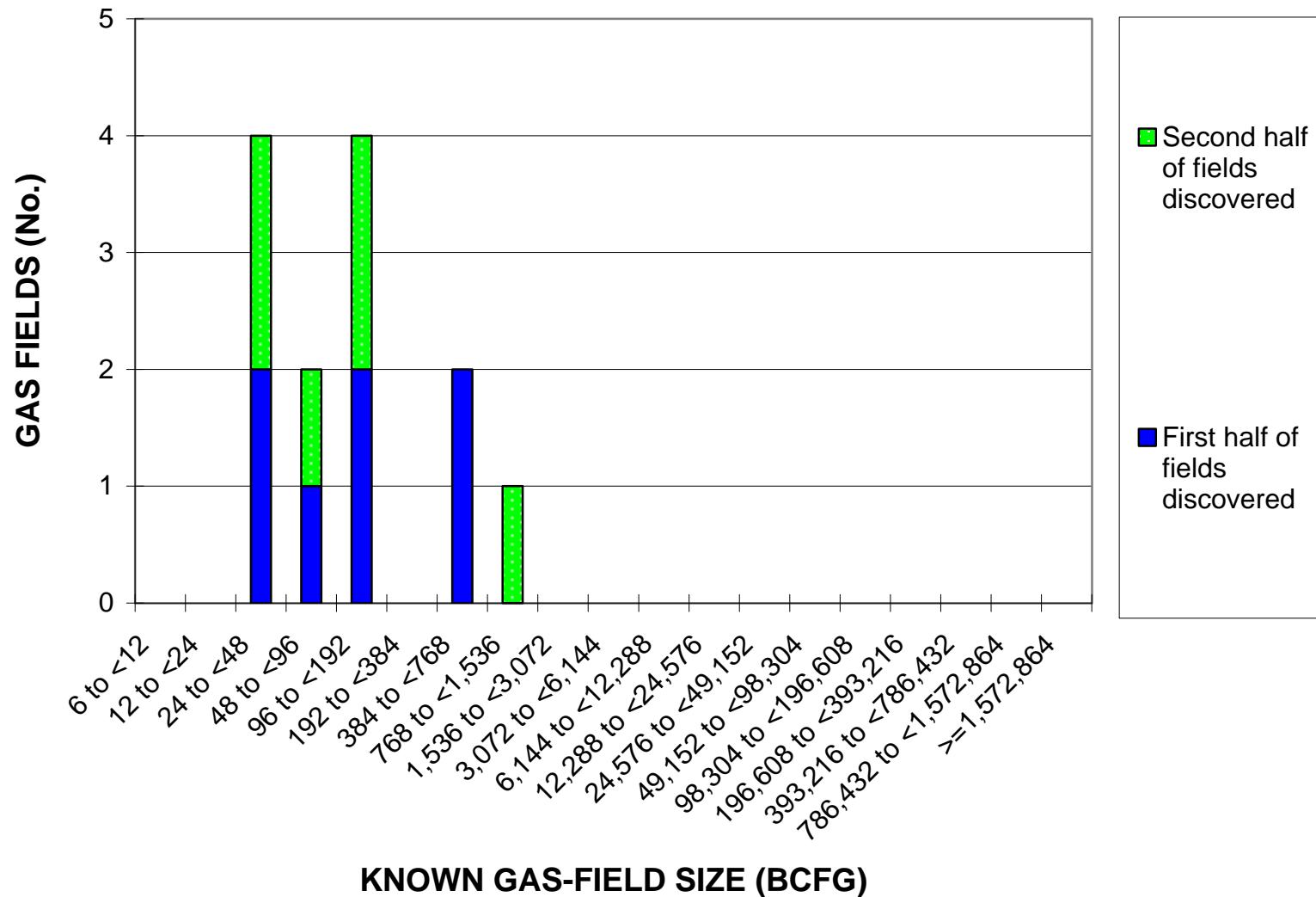
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



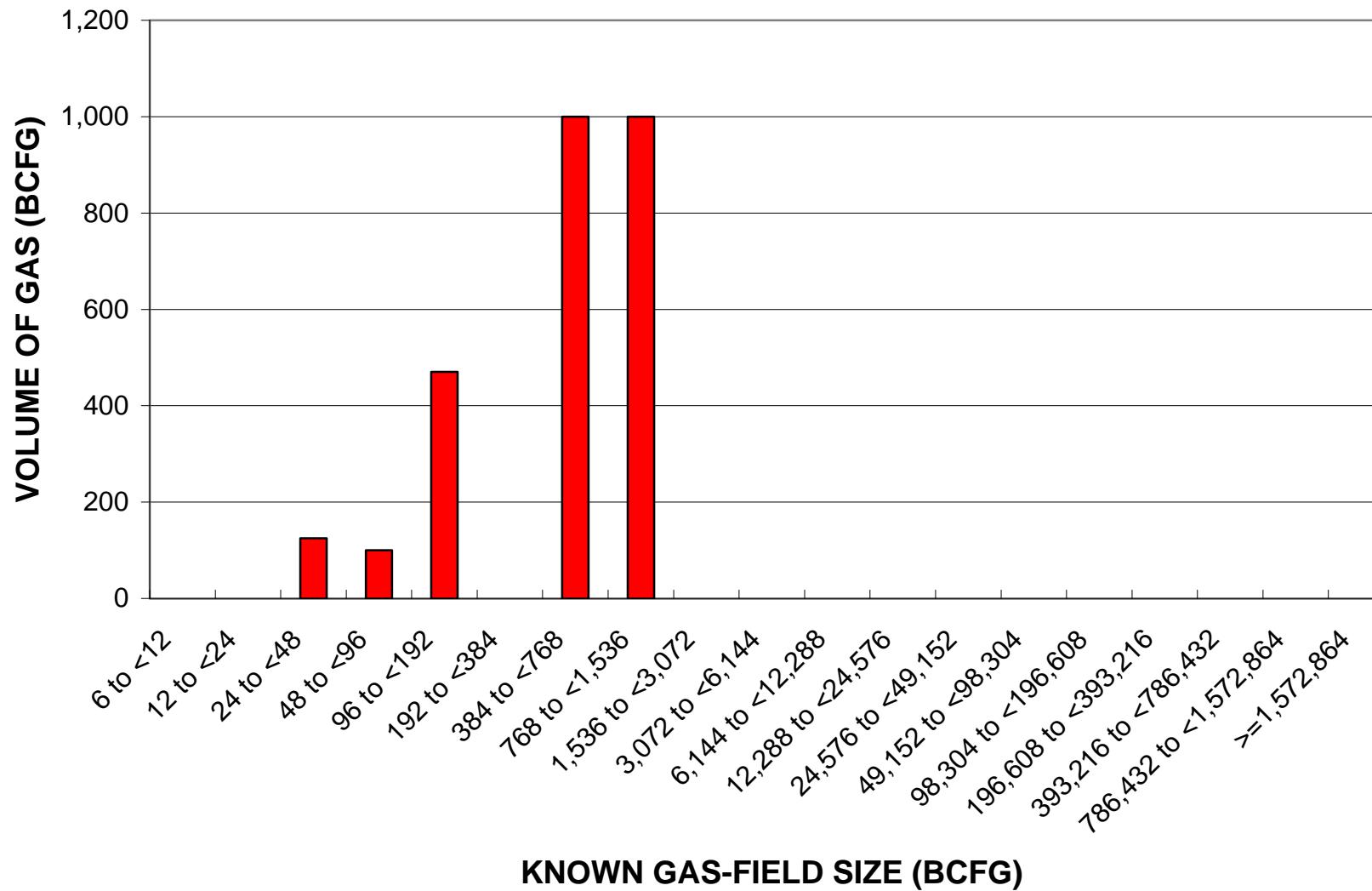
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



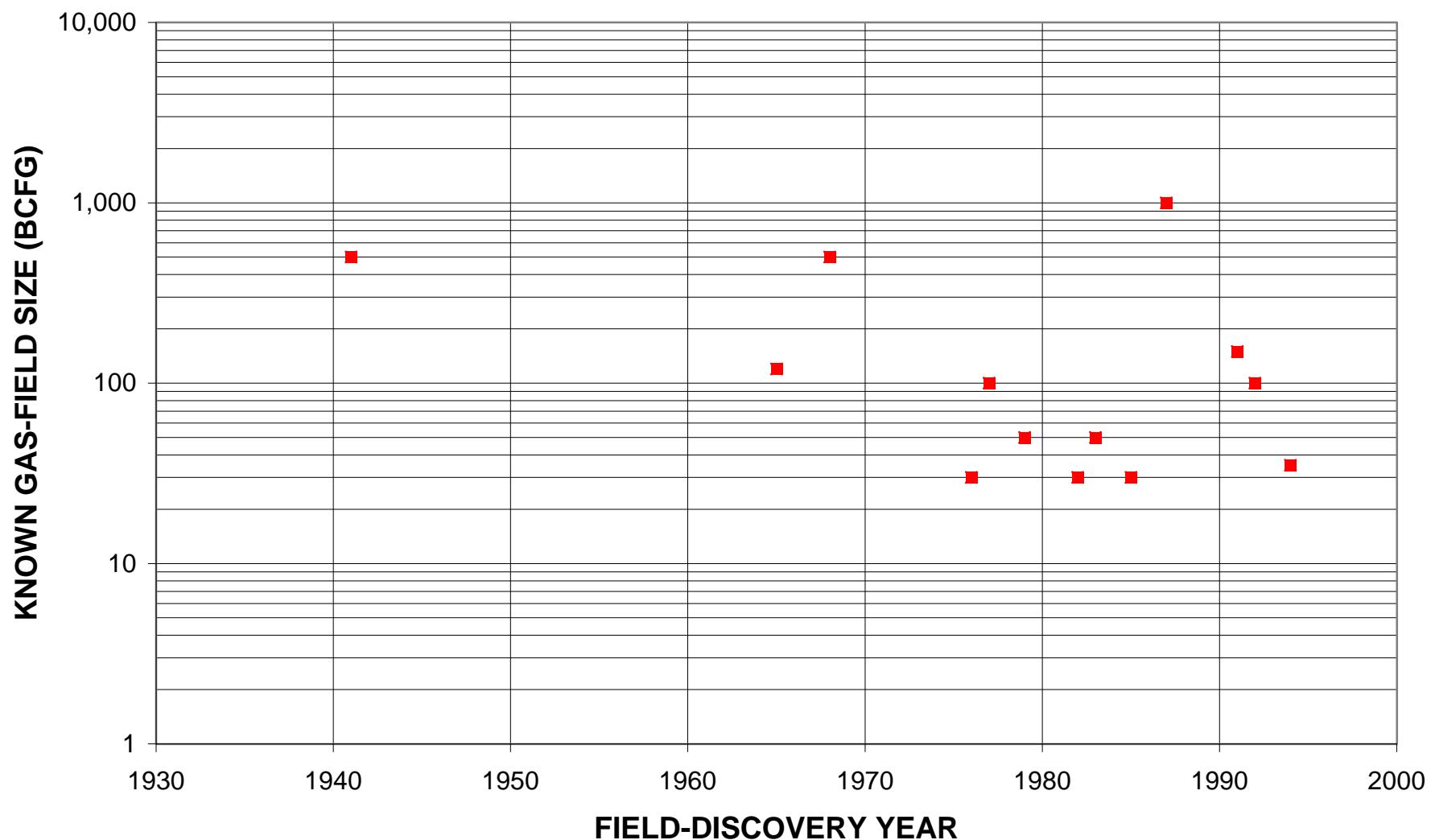
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



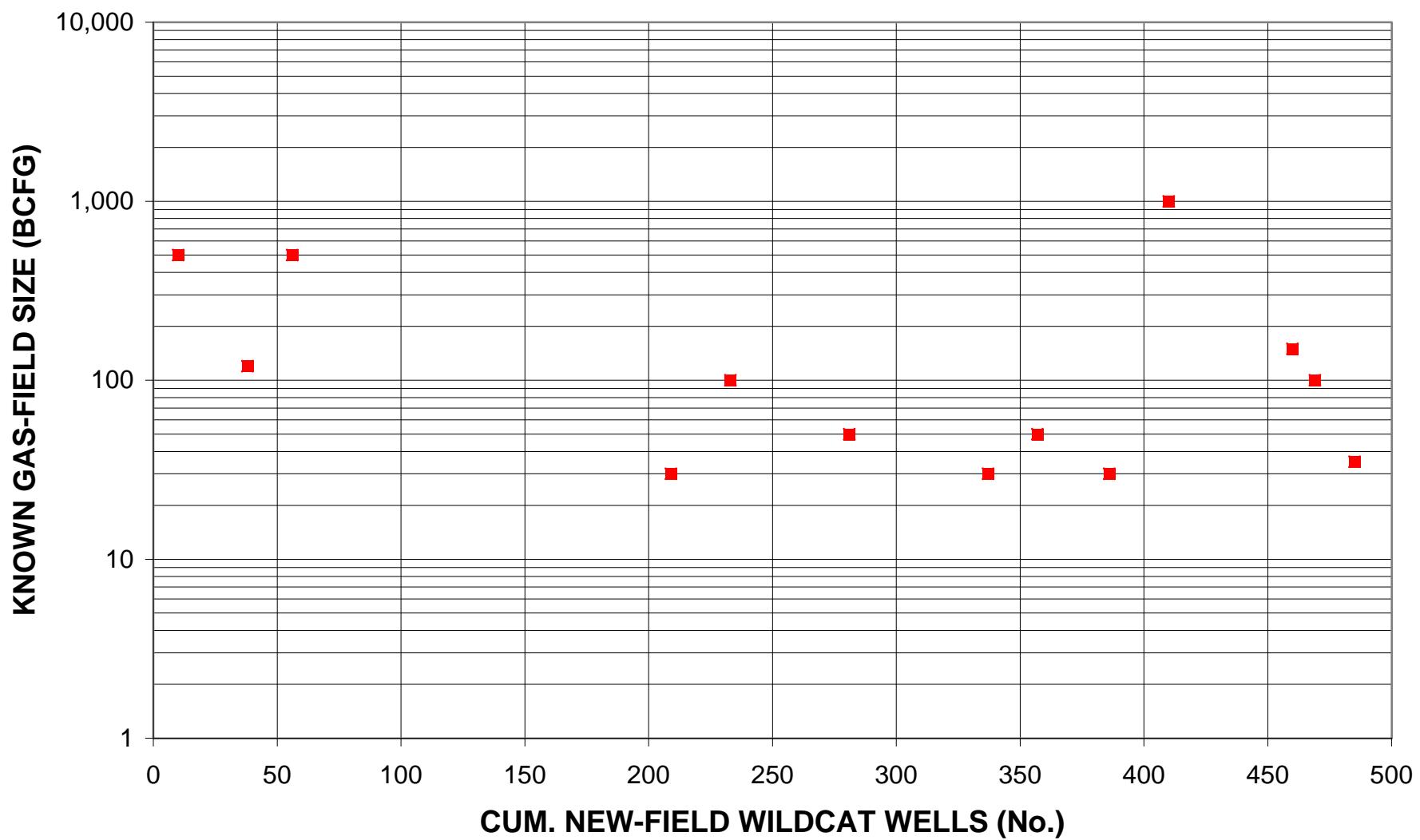
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



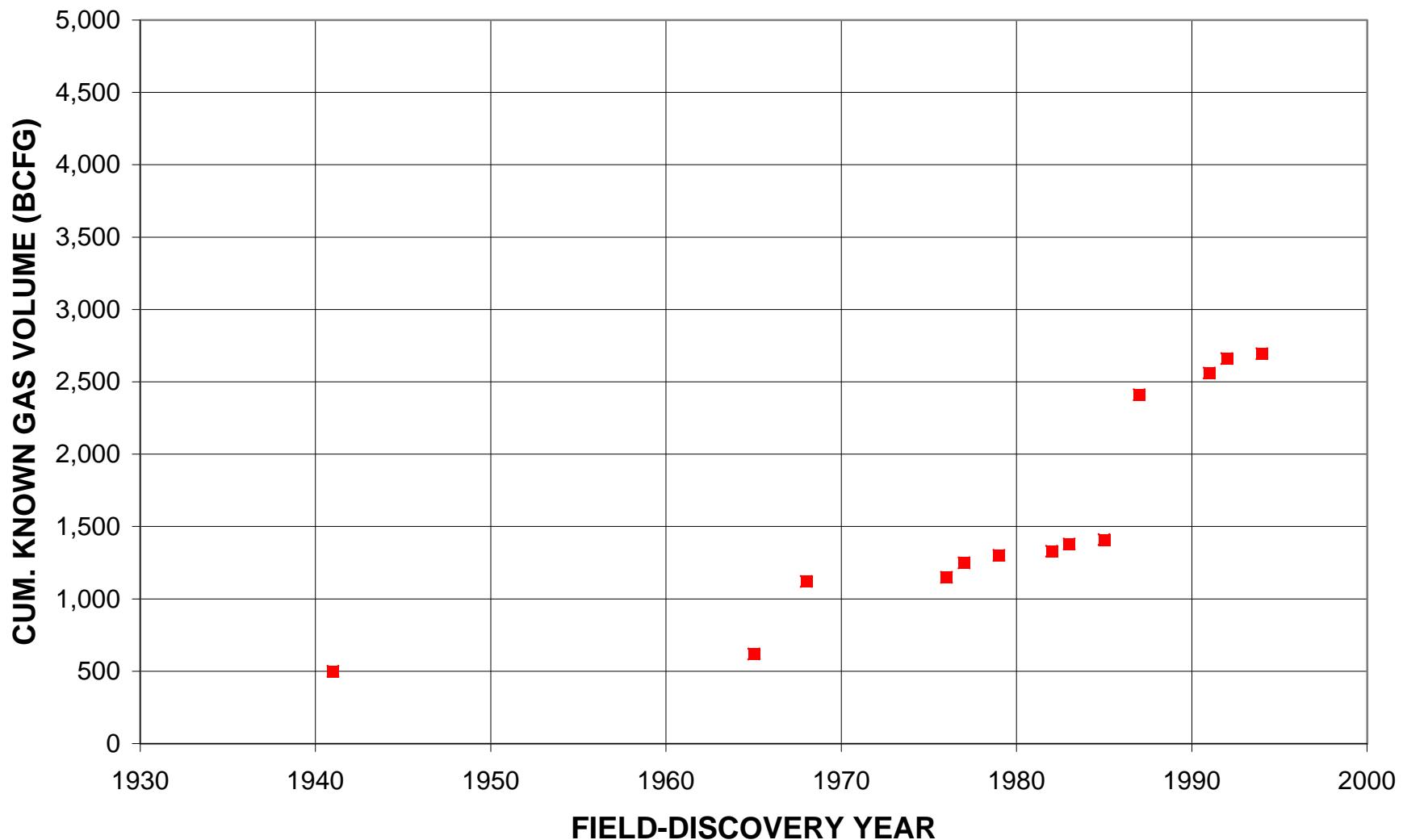
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



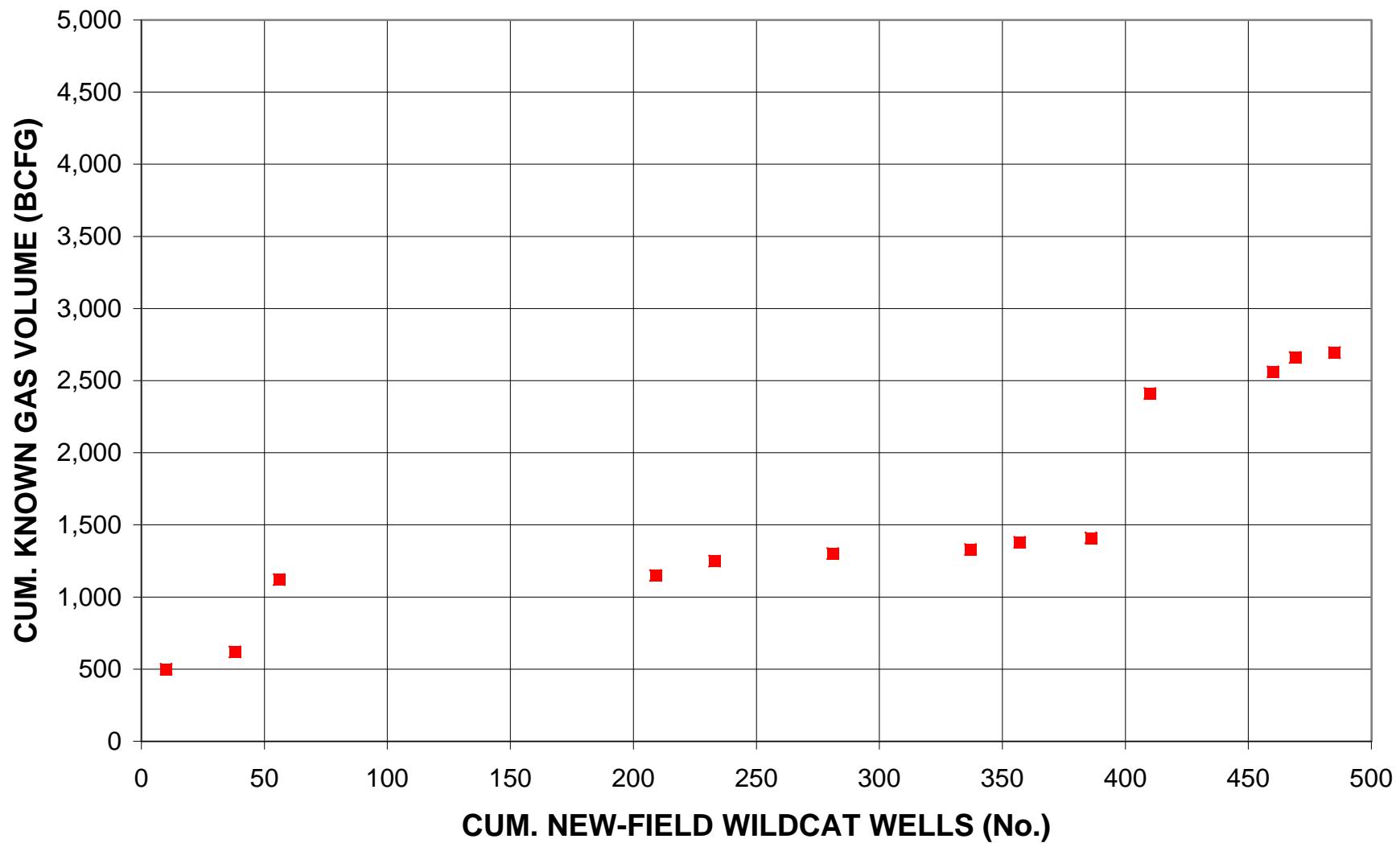
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



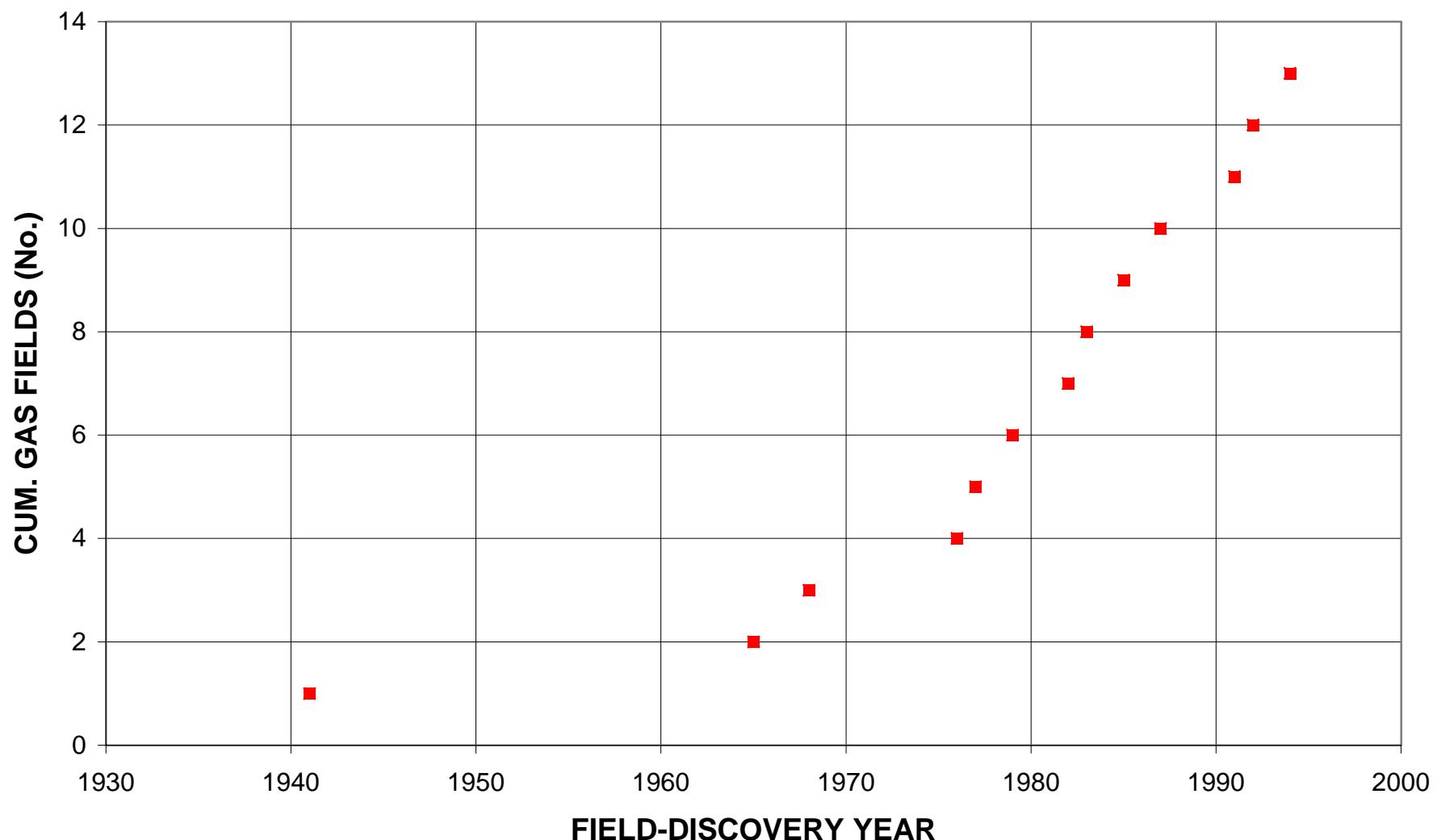
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



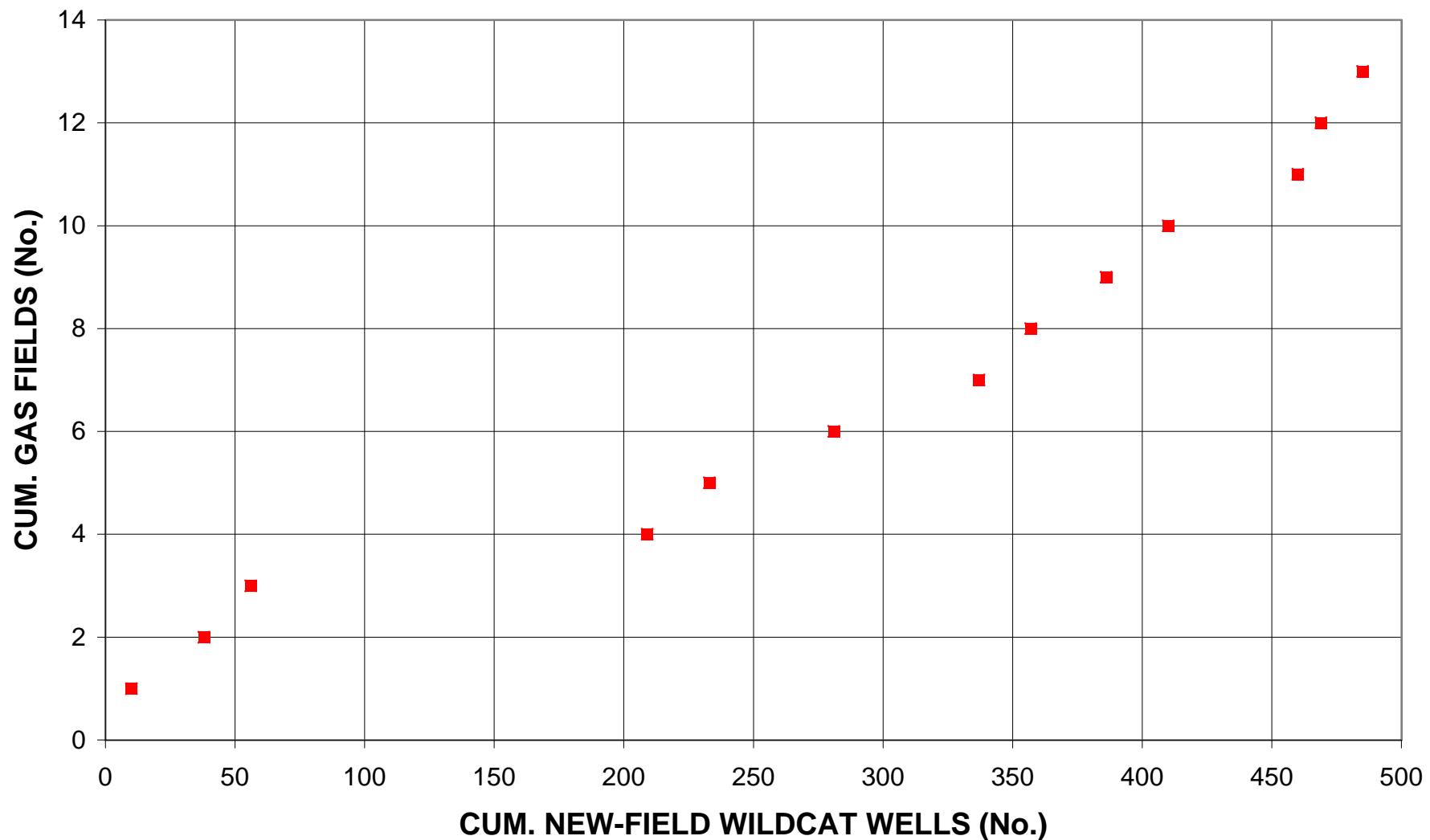
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



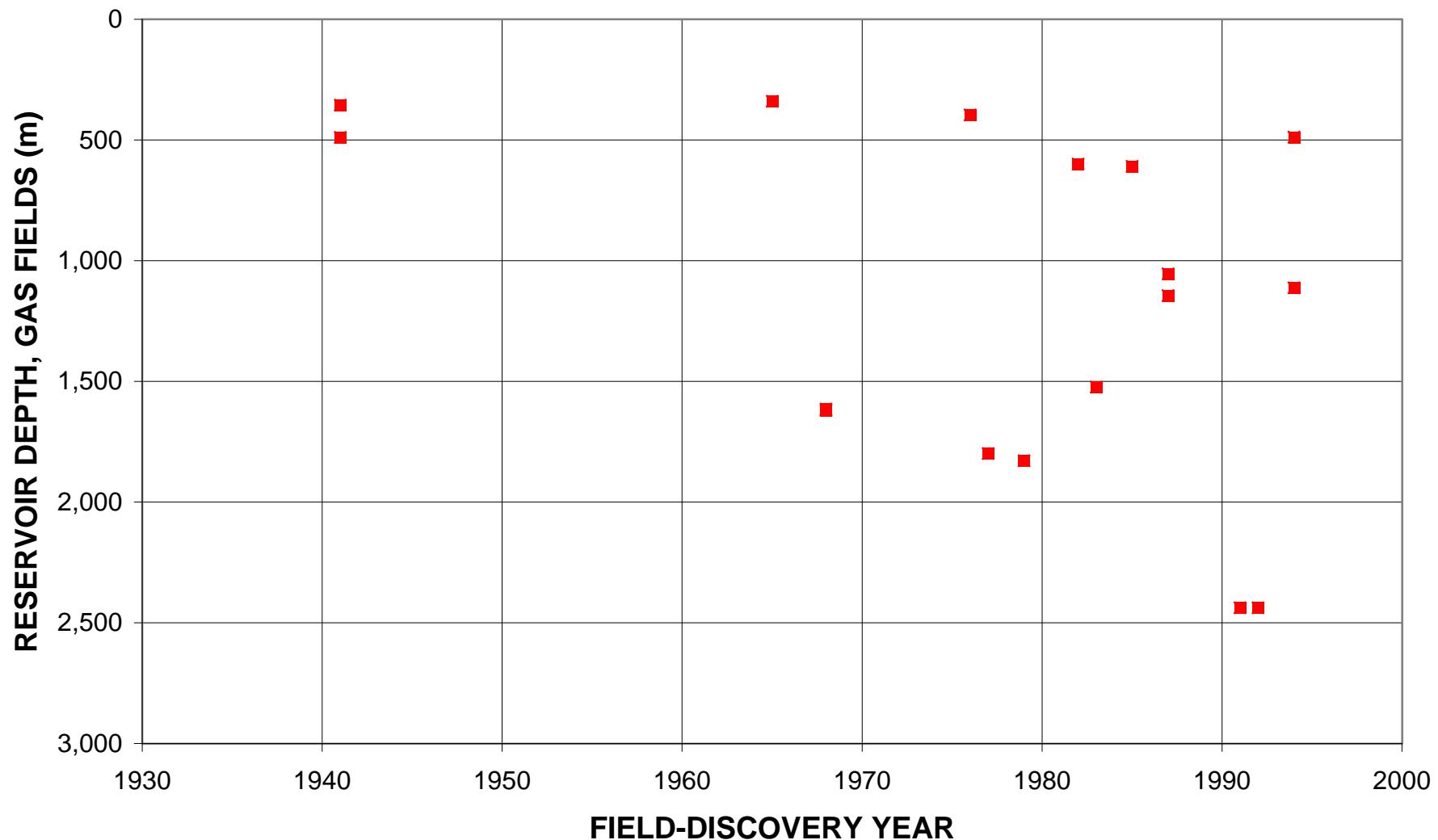
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



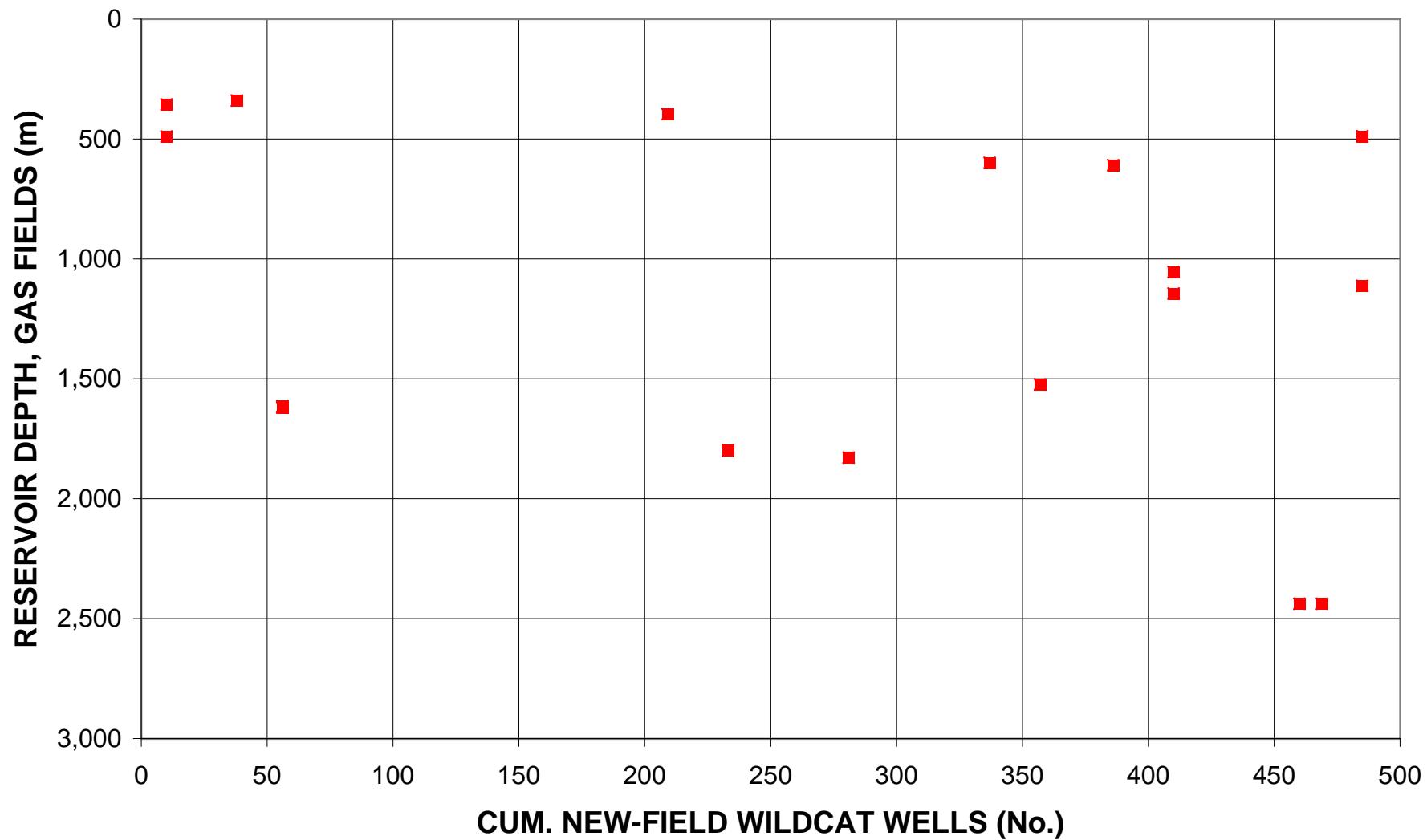
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



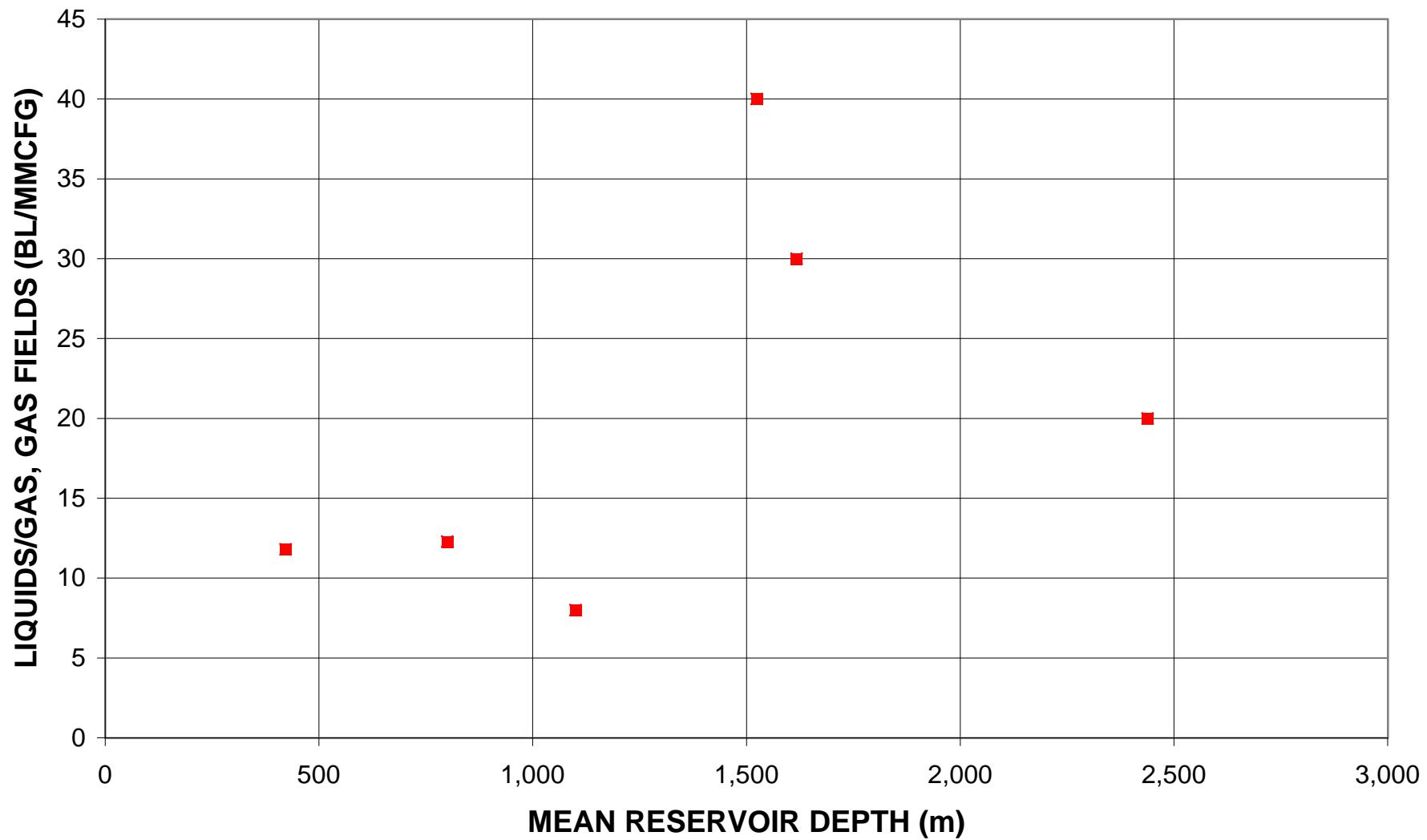
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



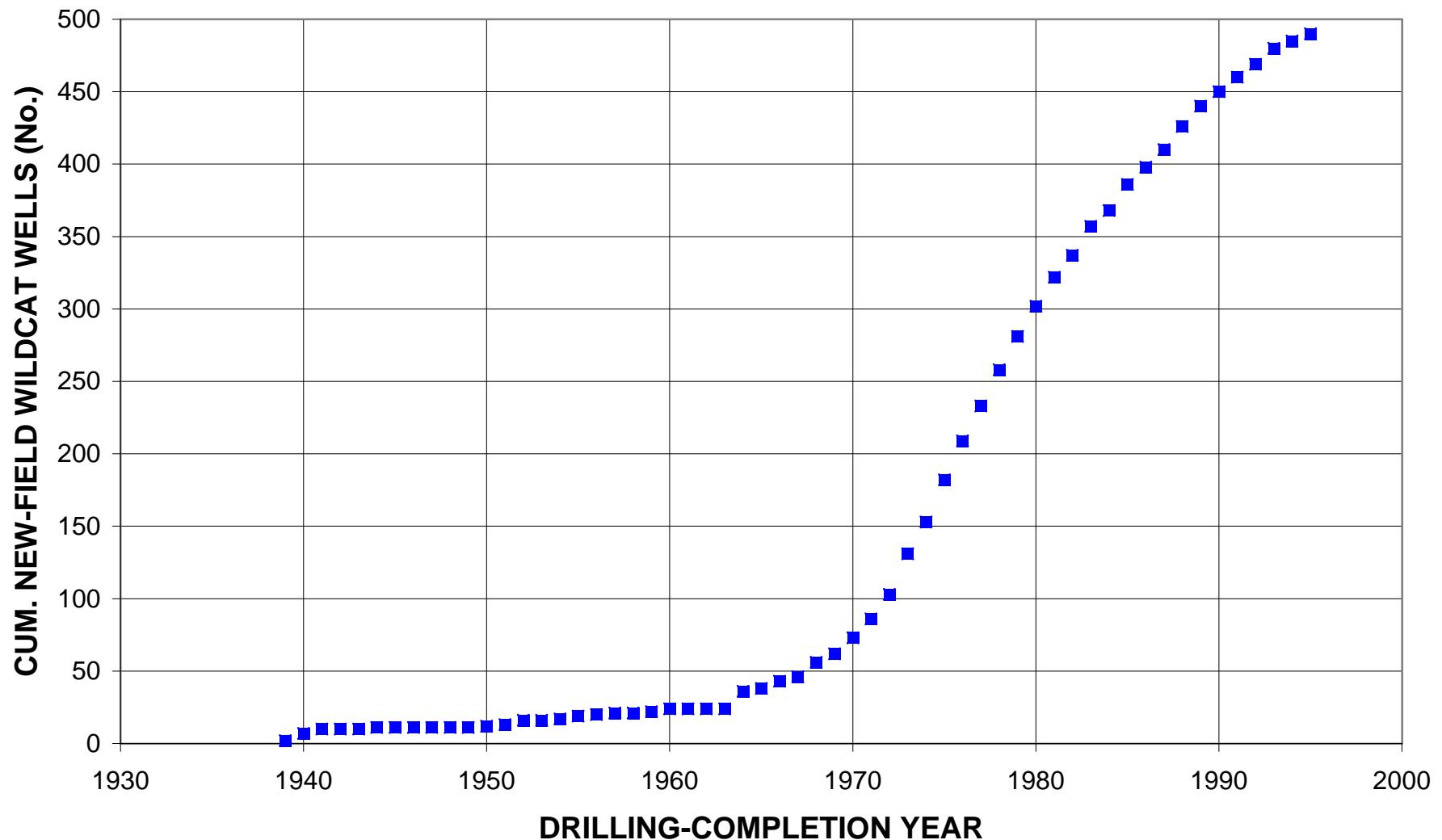
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



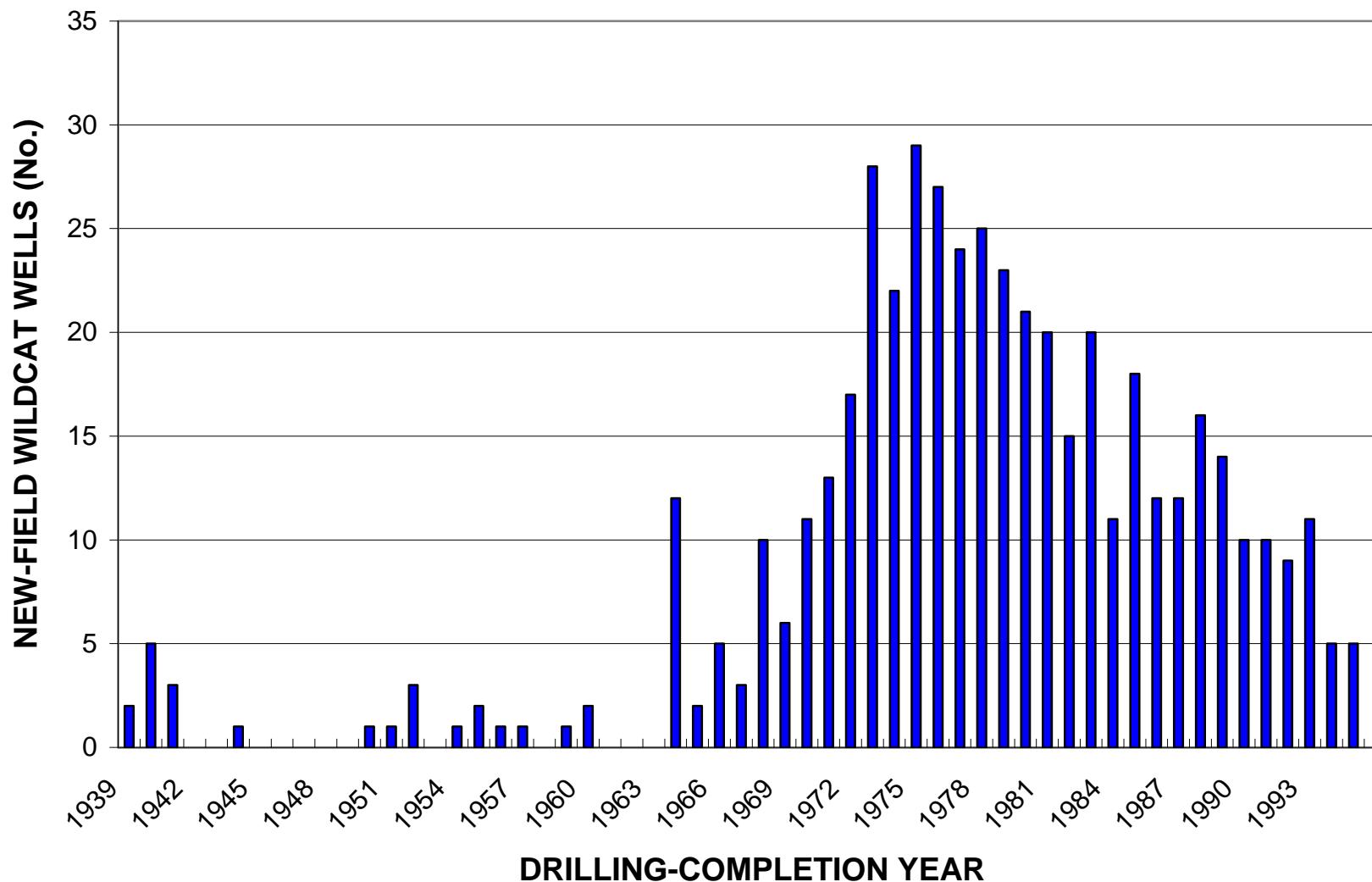
Pematang/Sihapas Siliclastics, Assessment Unit 38080101



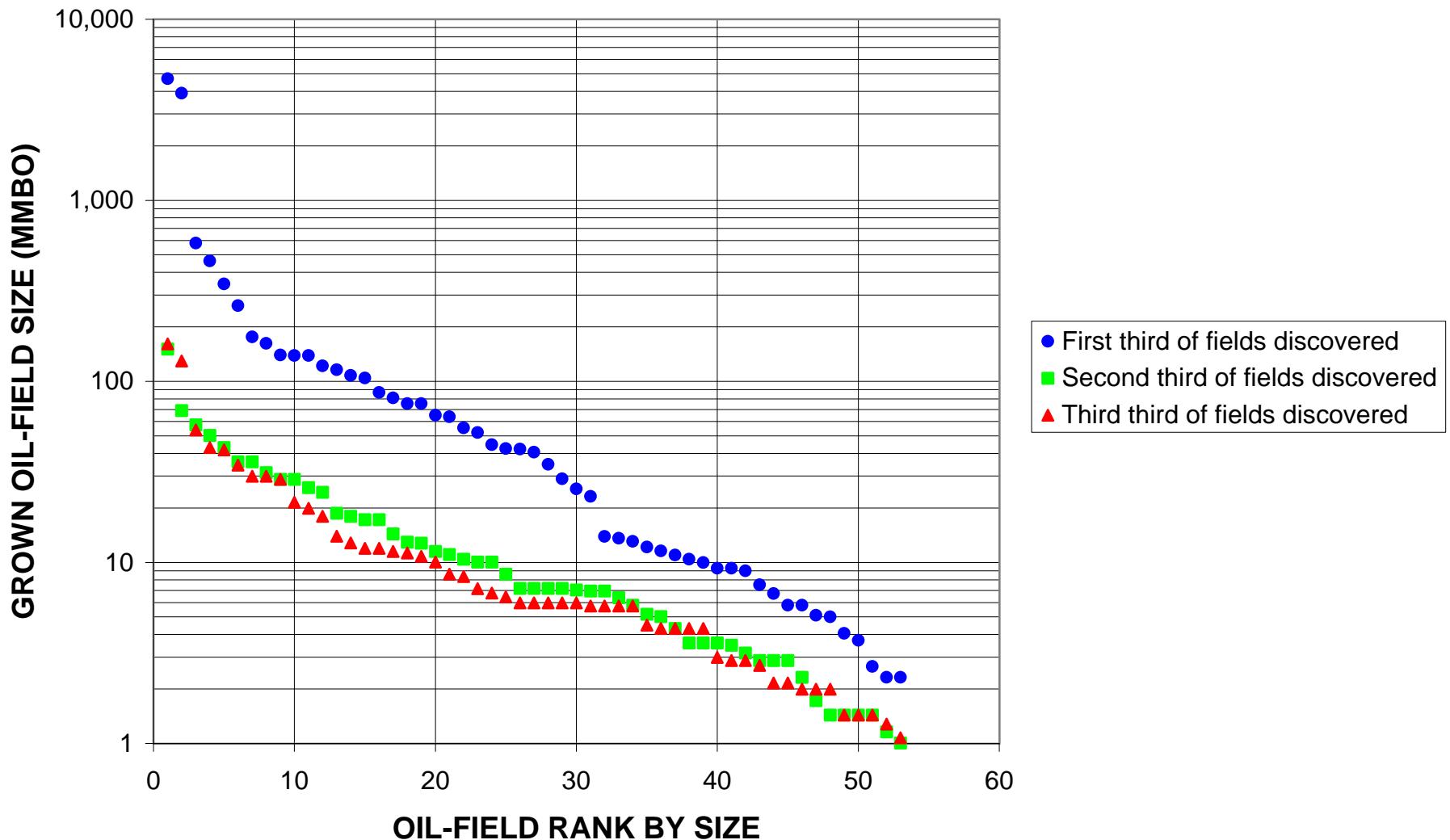
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



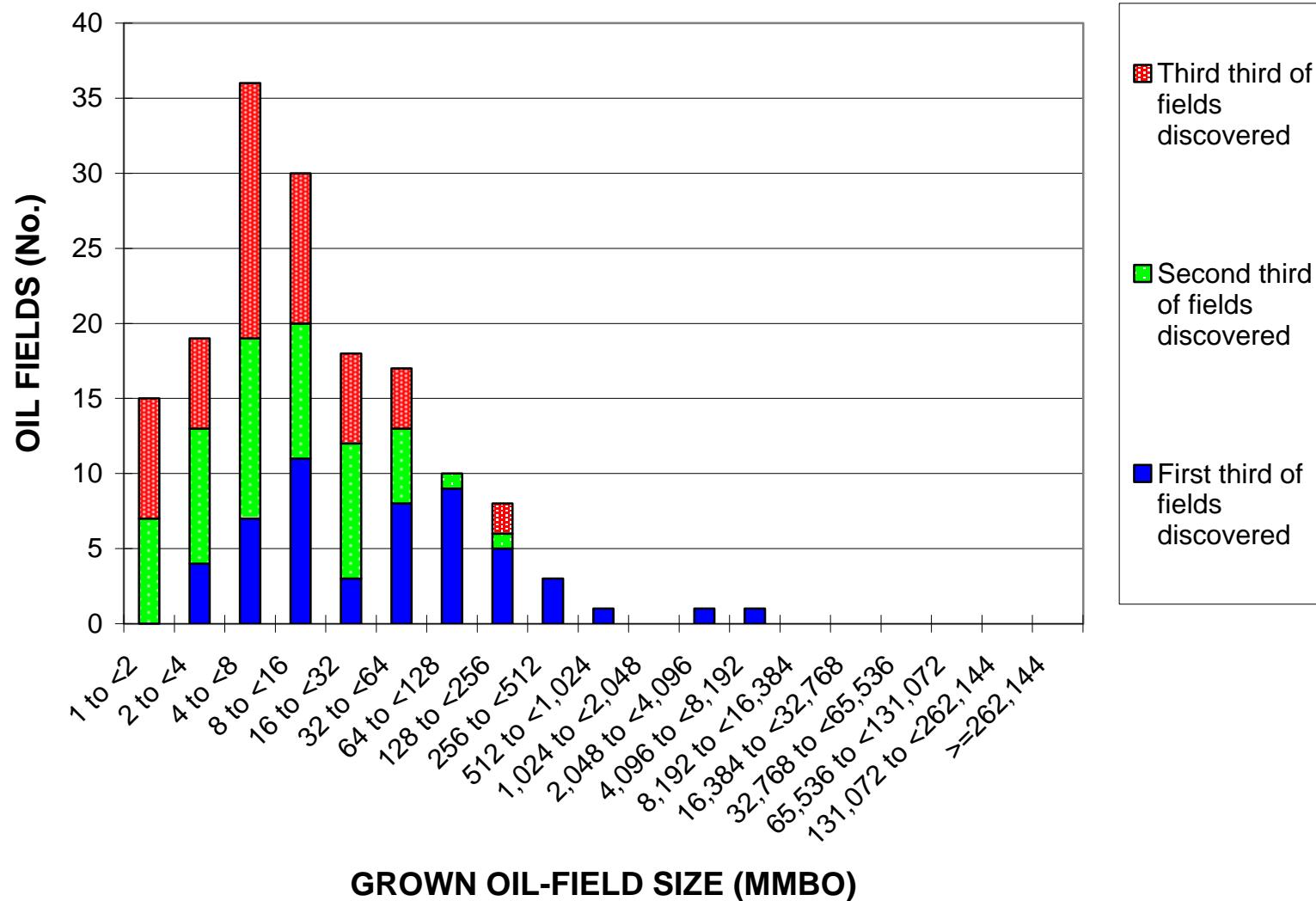
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



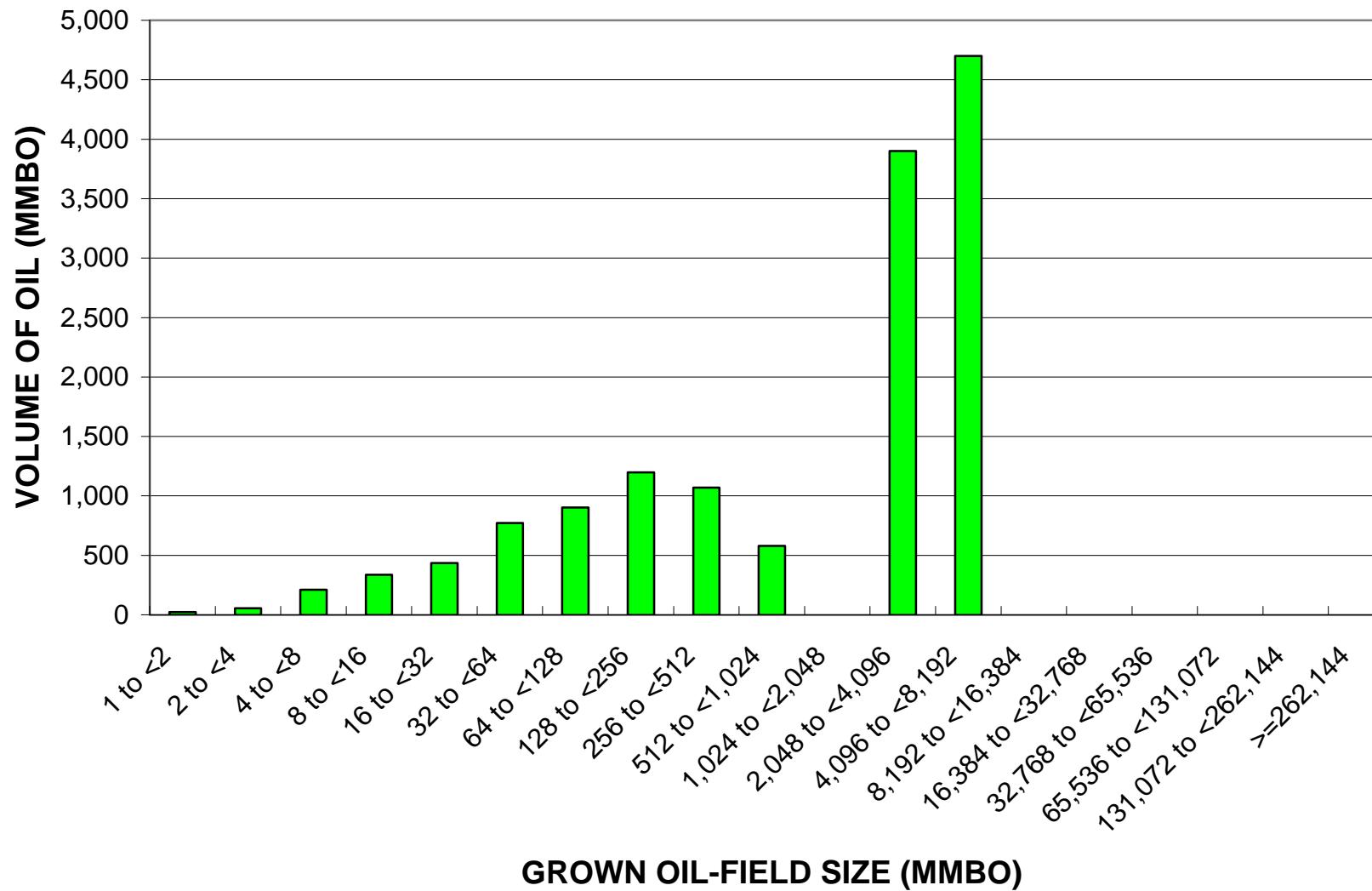
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



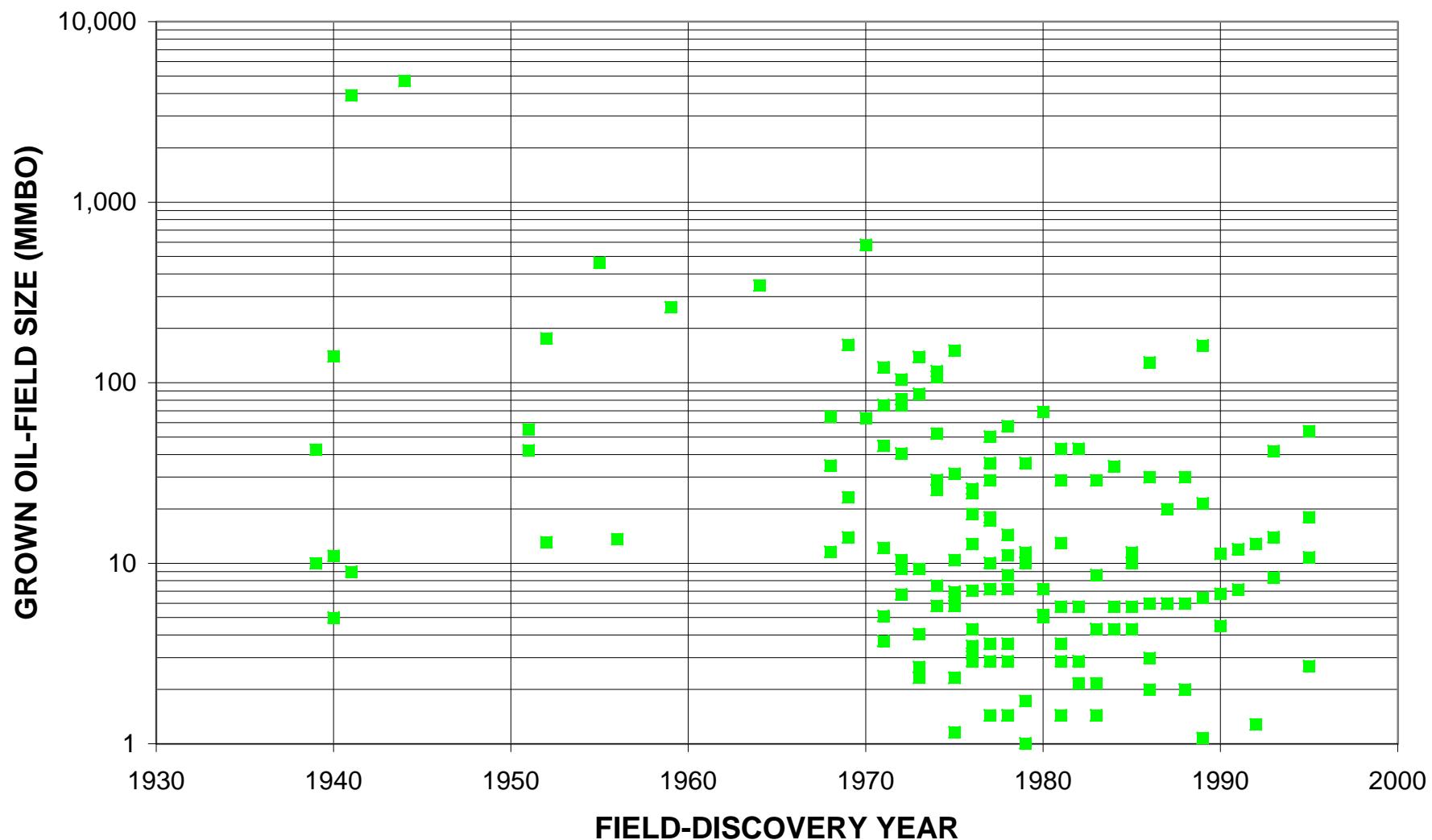
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



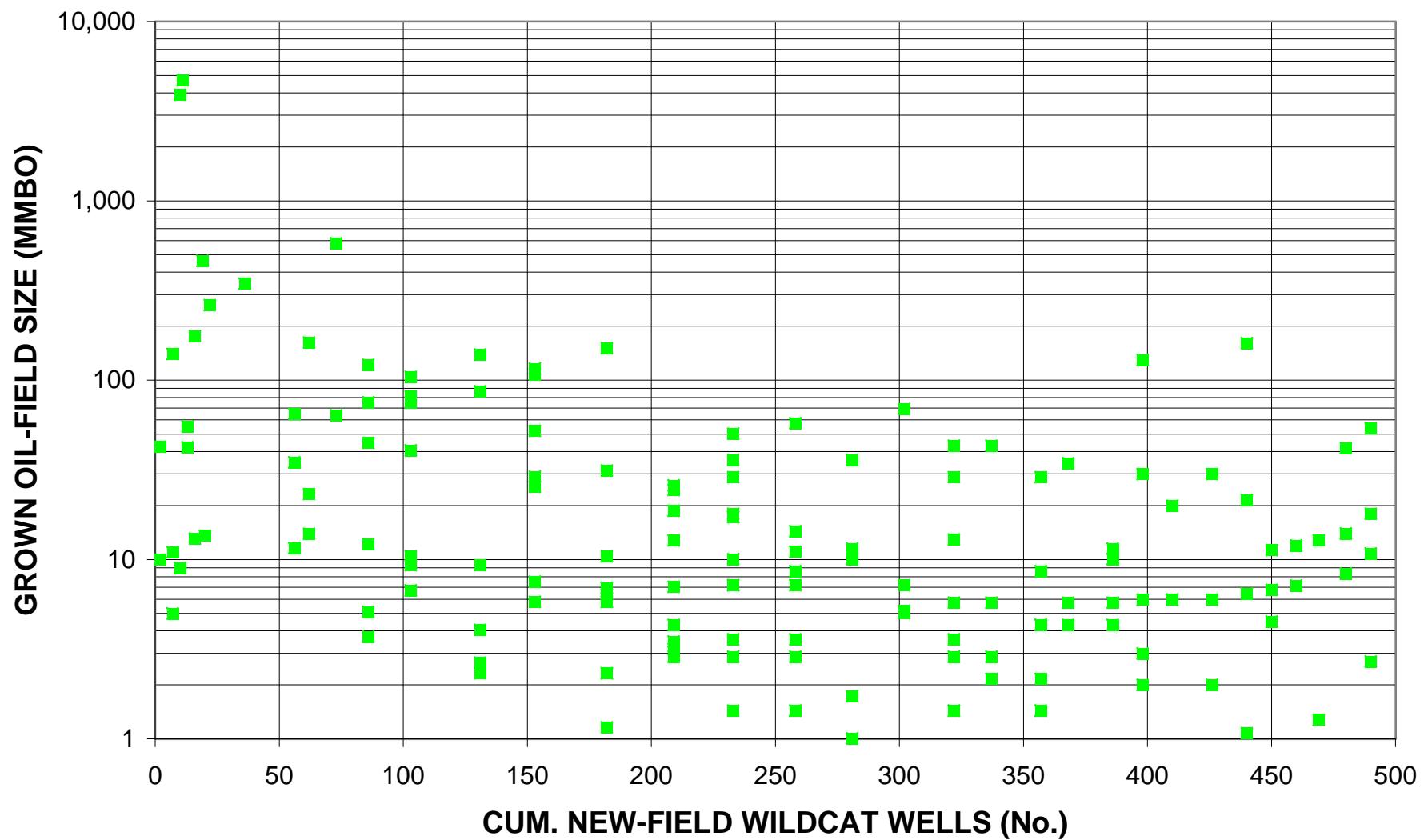
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



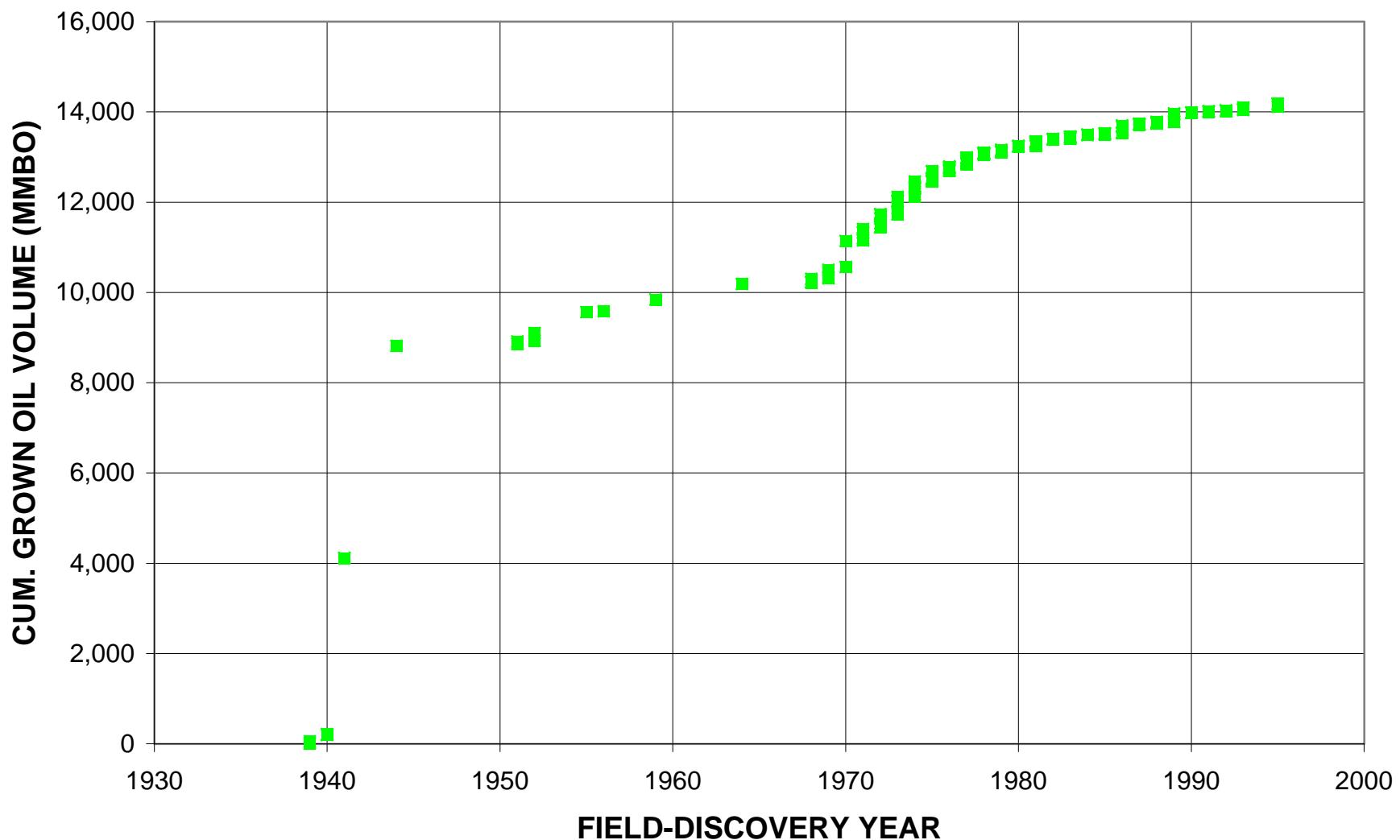
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



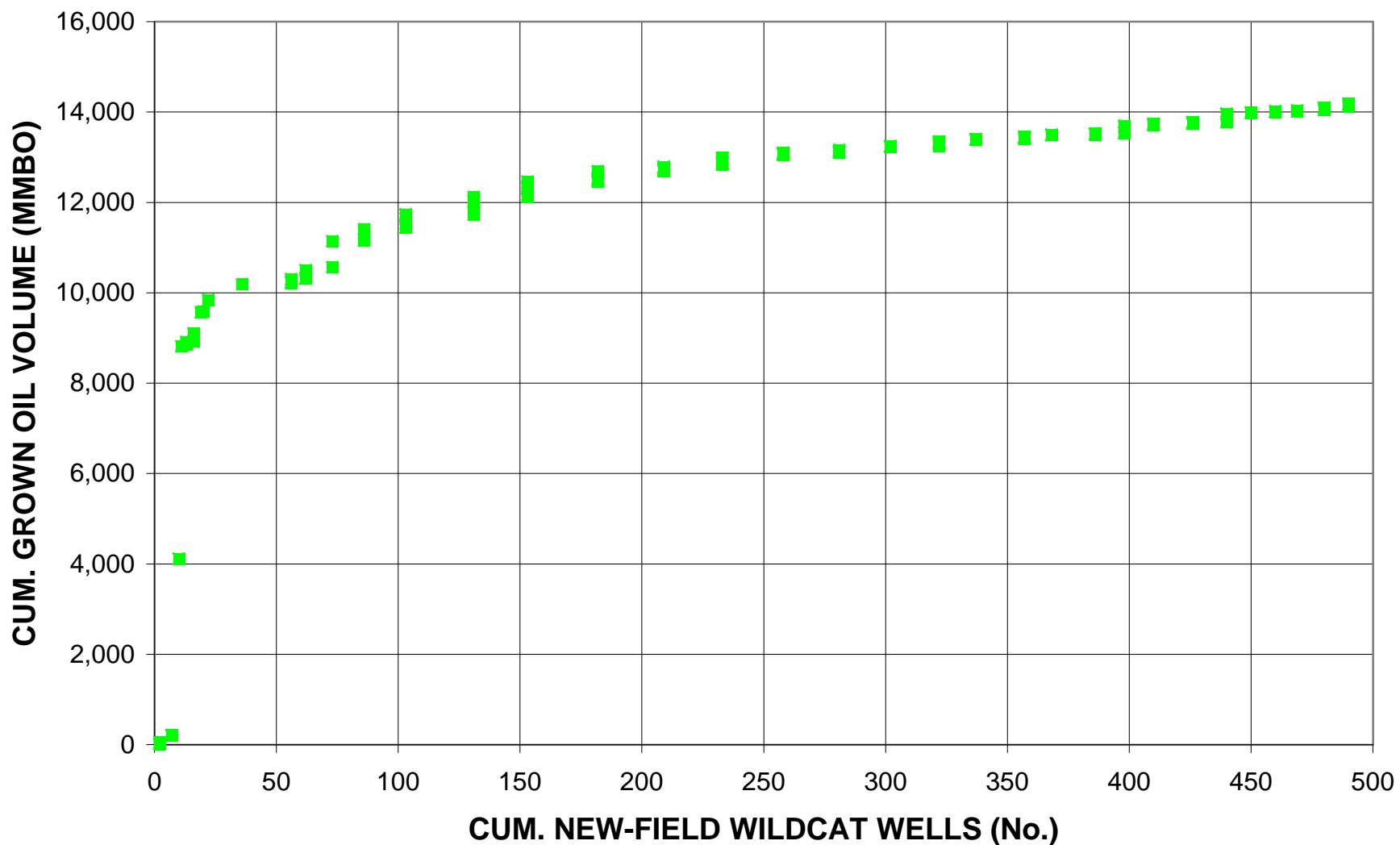
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



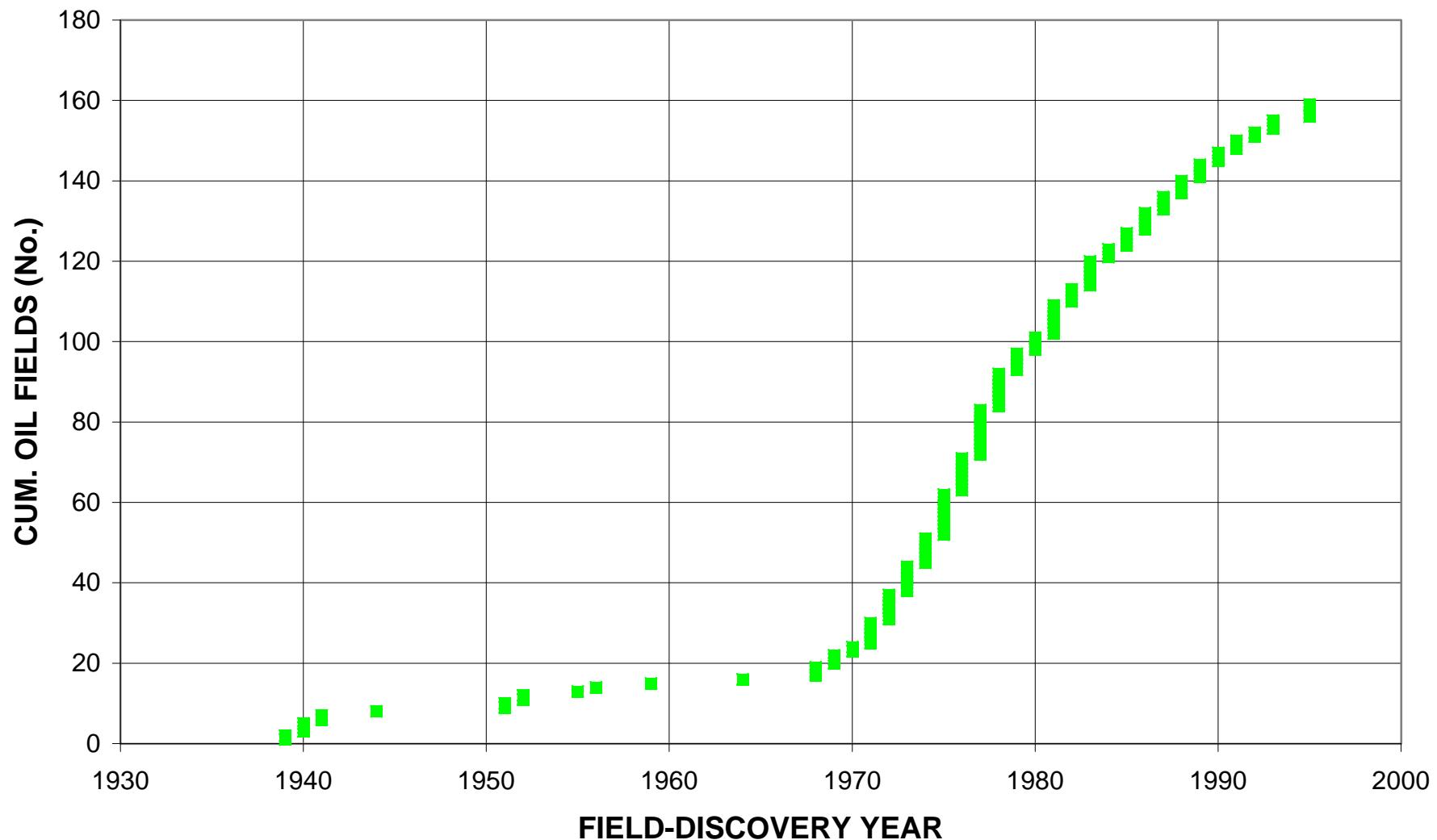
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



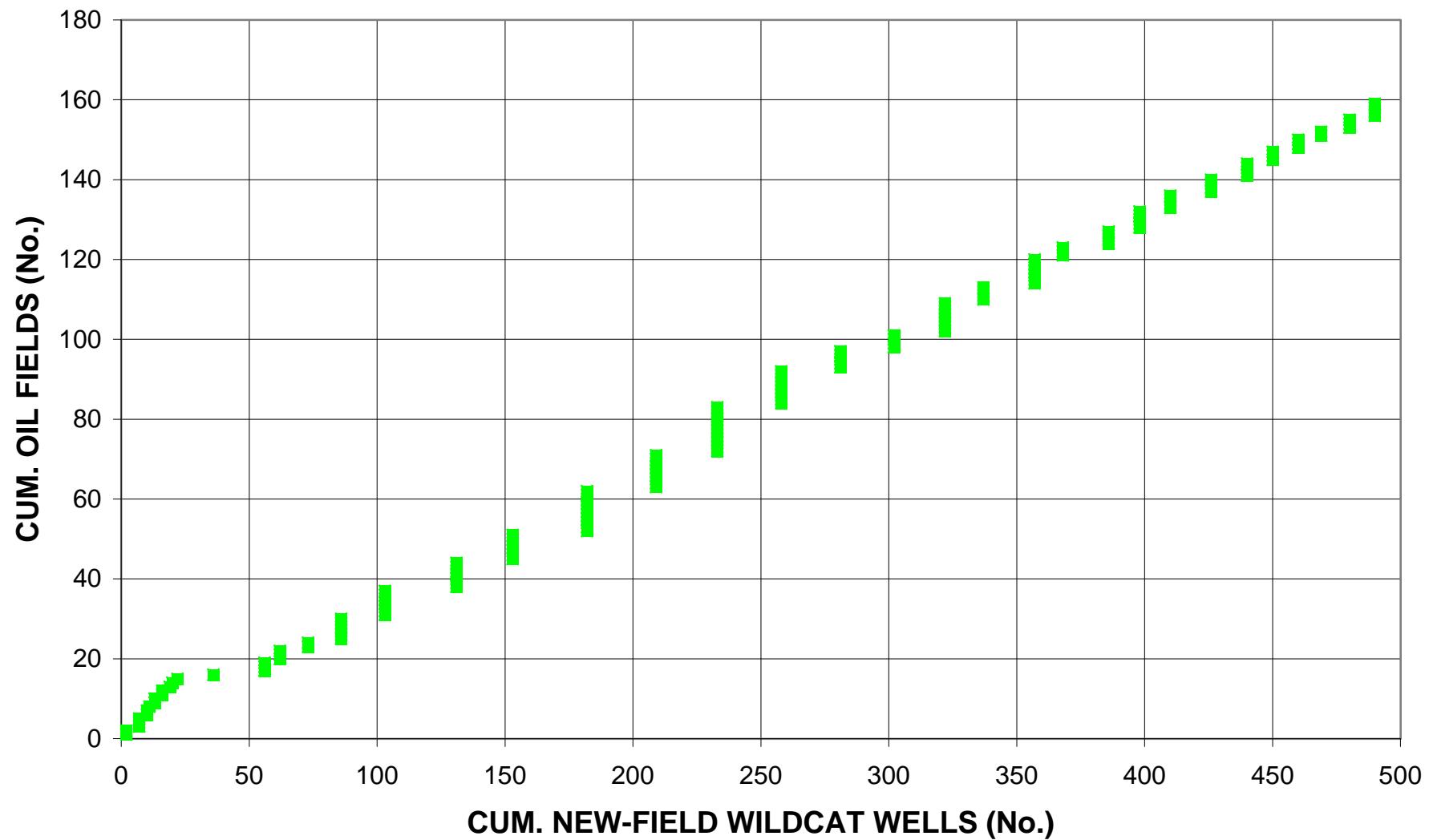
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



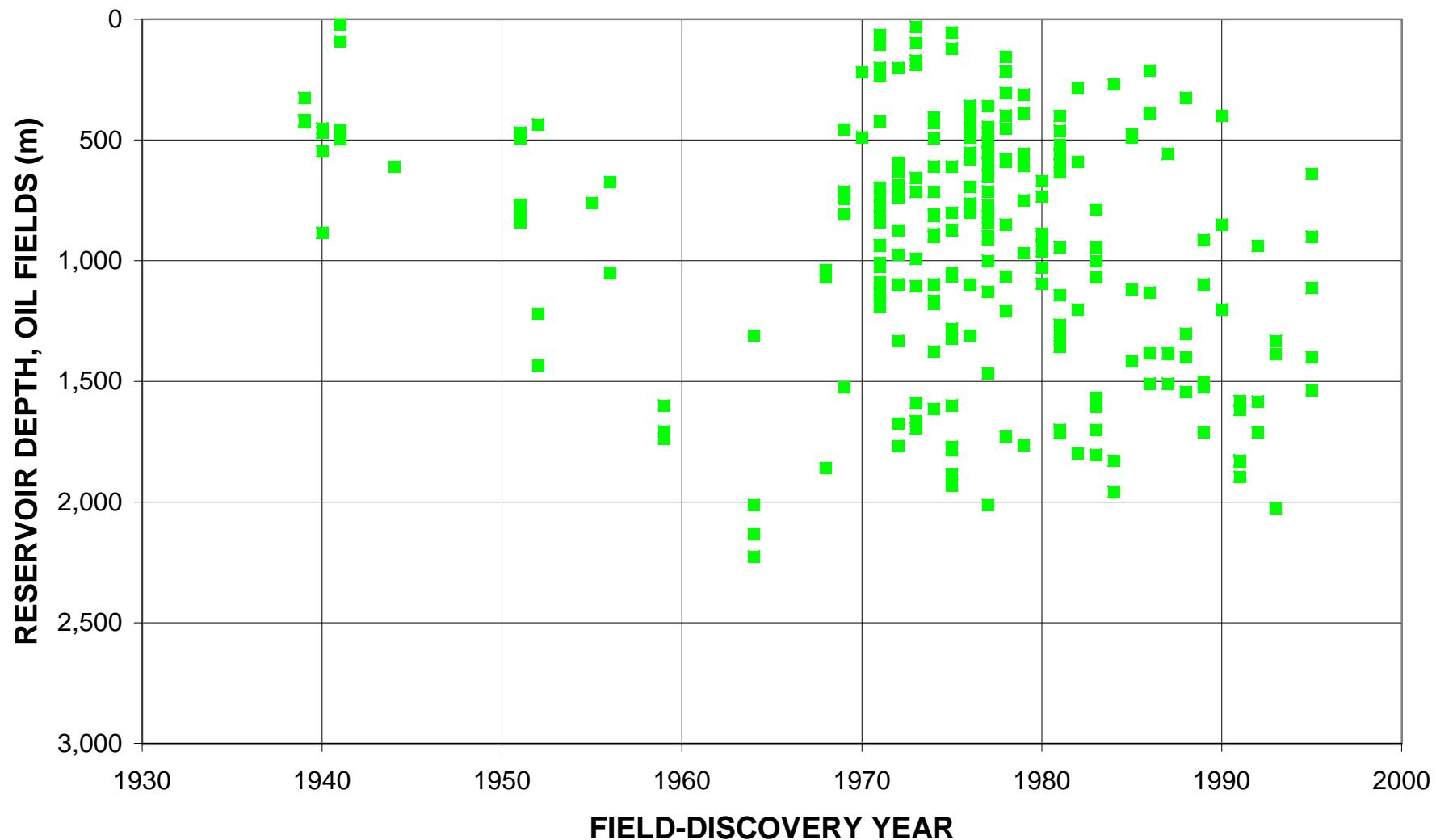
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



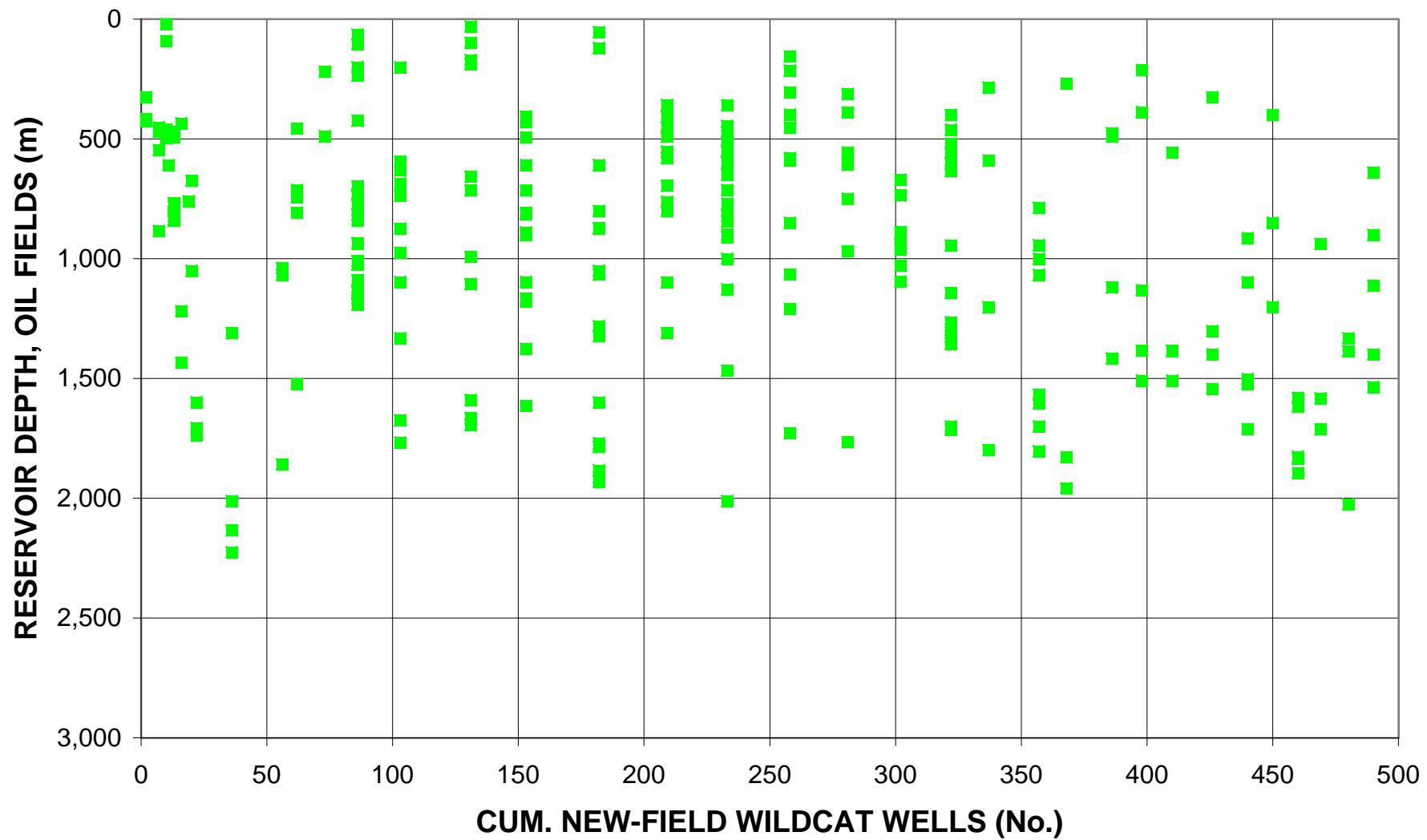
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



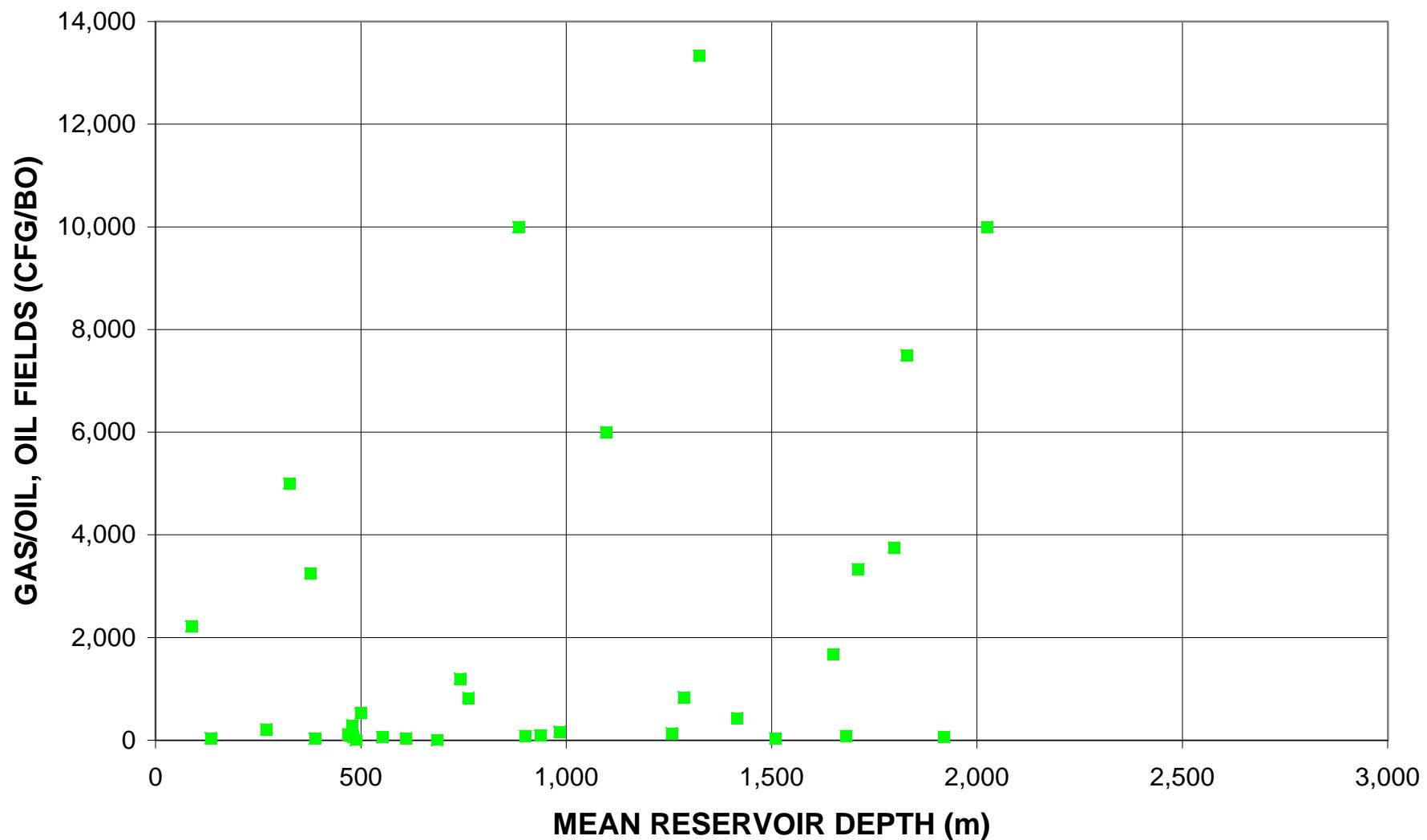
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



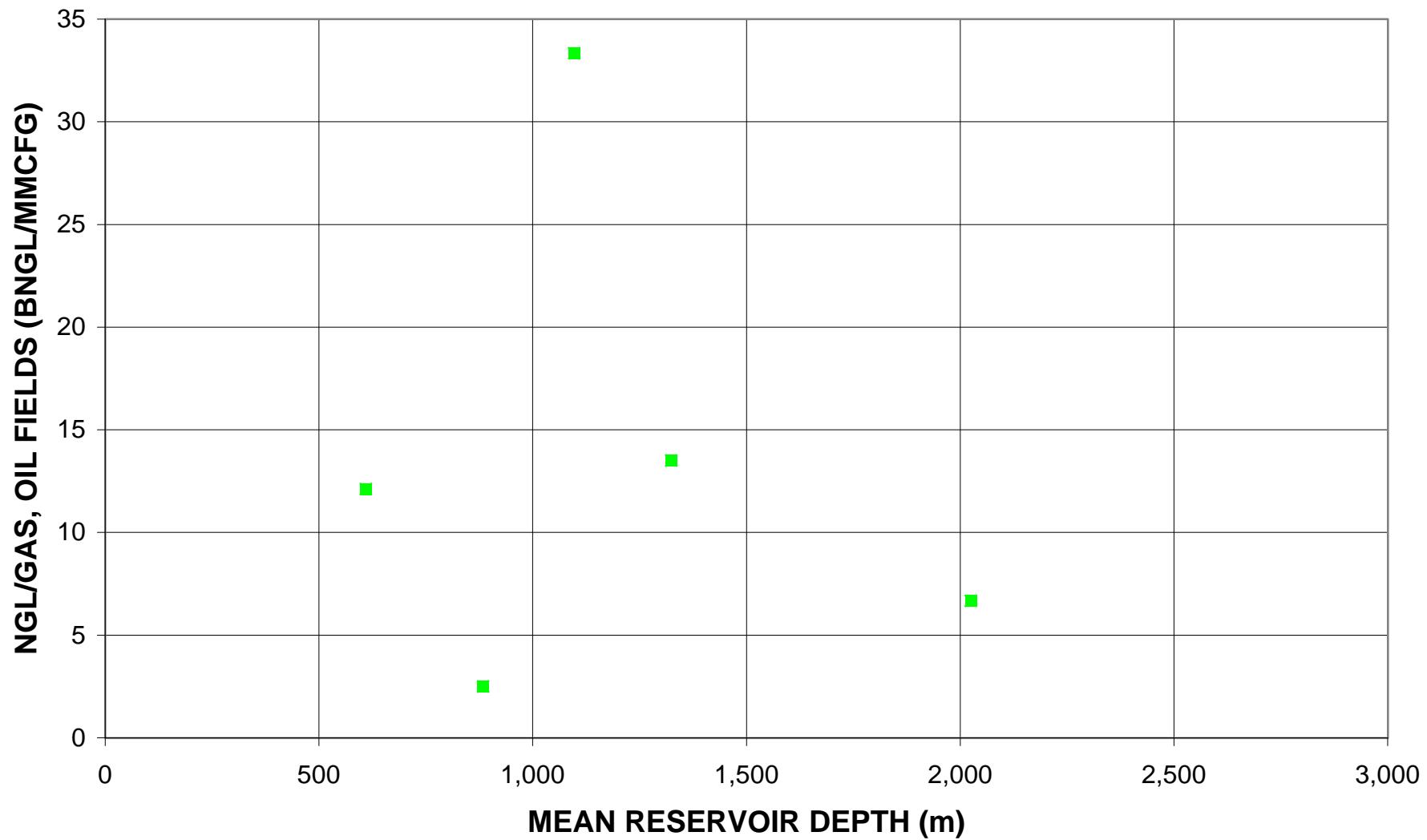
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



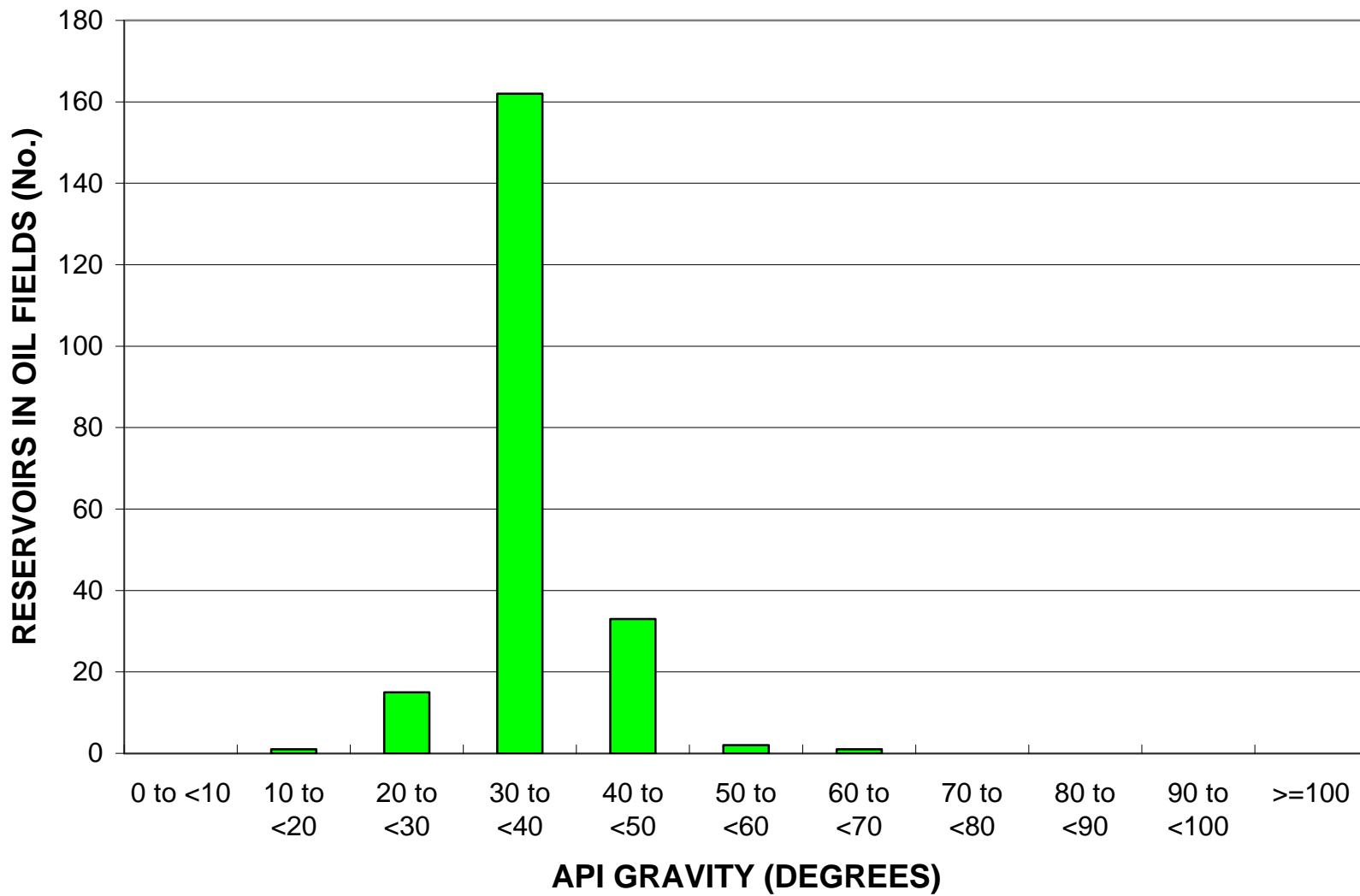
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



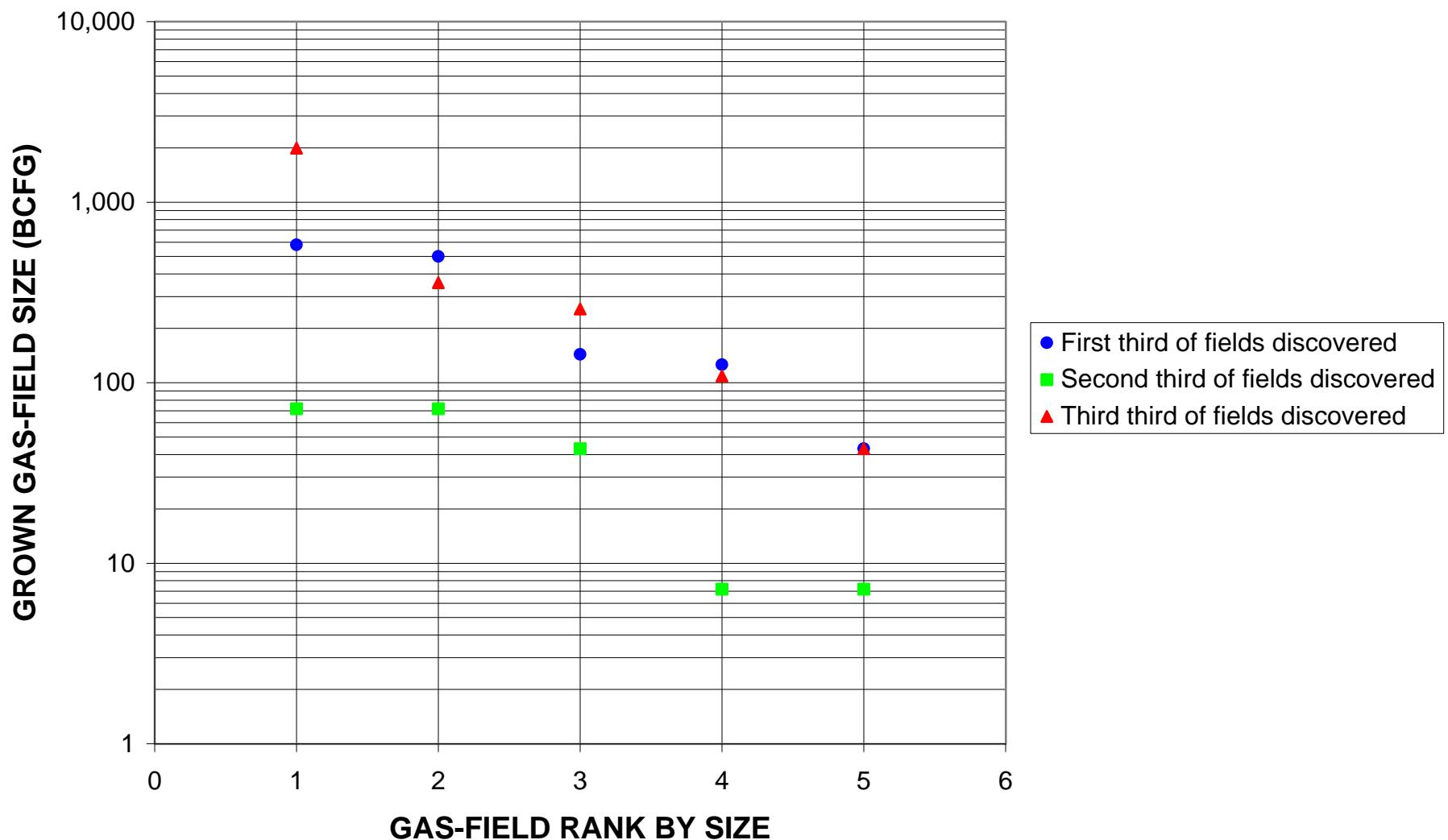
Pematang/Sihapas Siliclastics, Assessment Unit 38080101



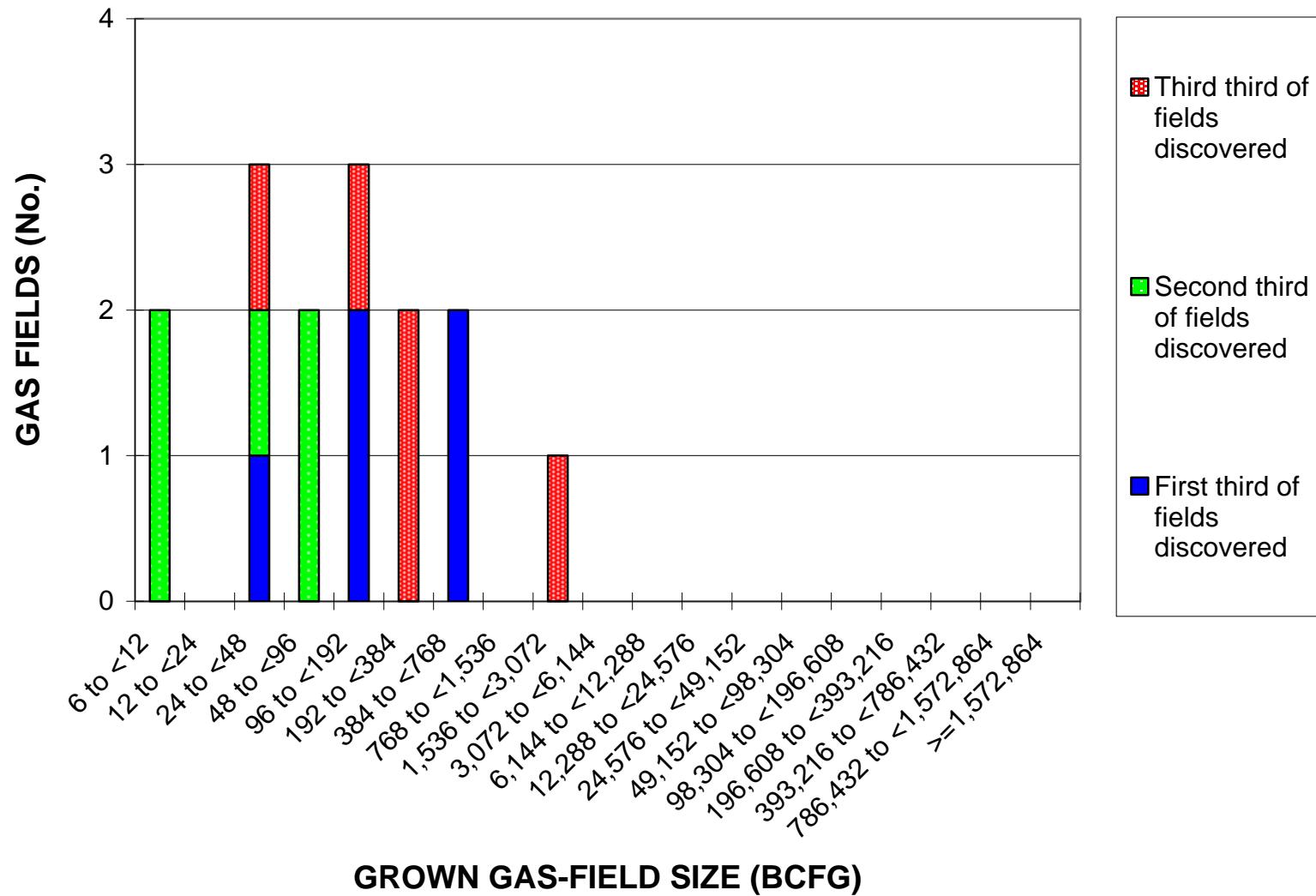
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



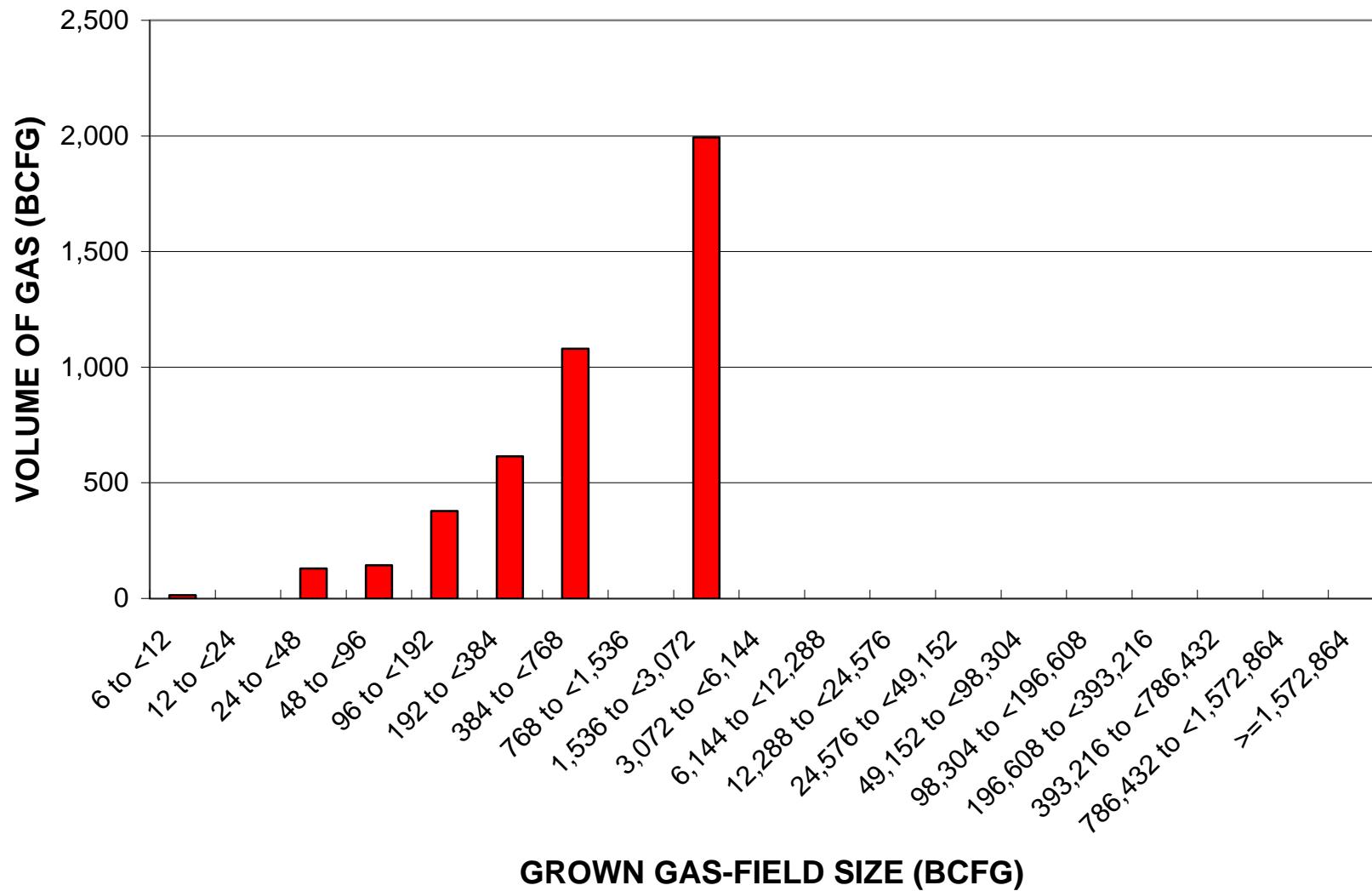
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



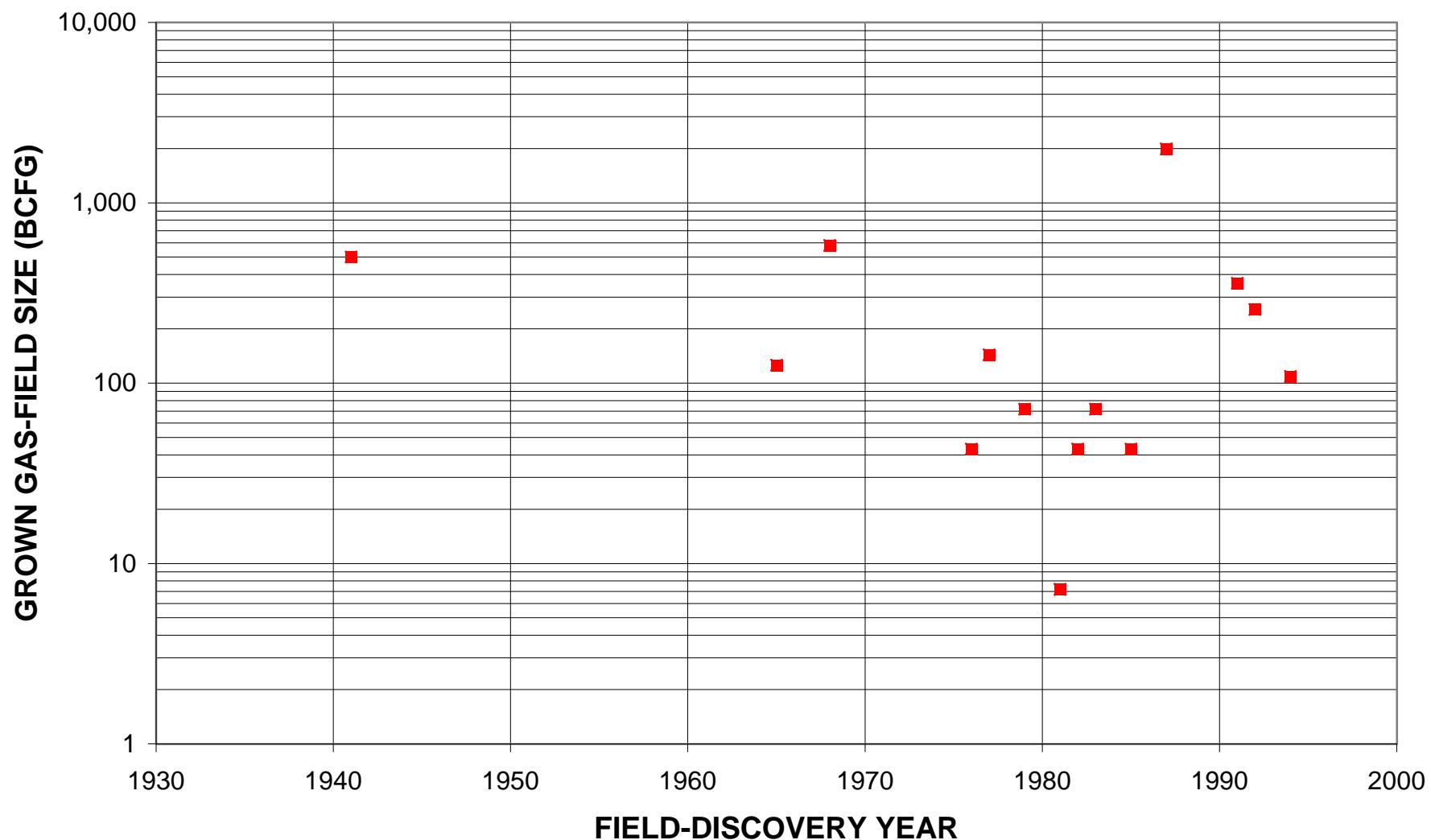
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



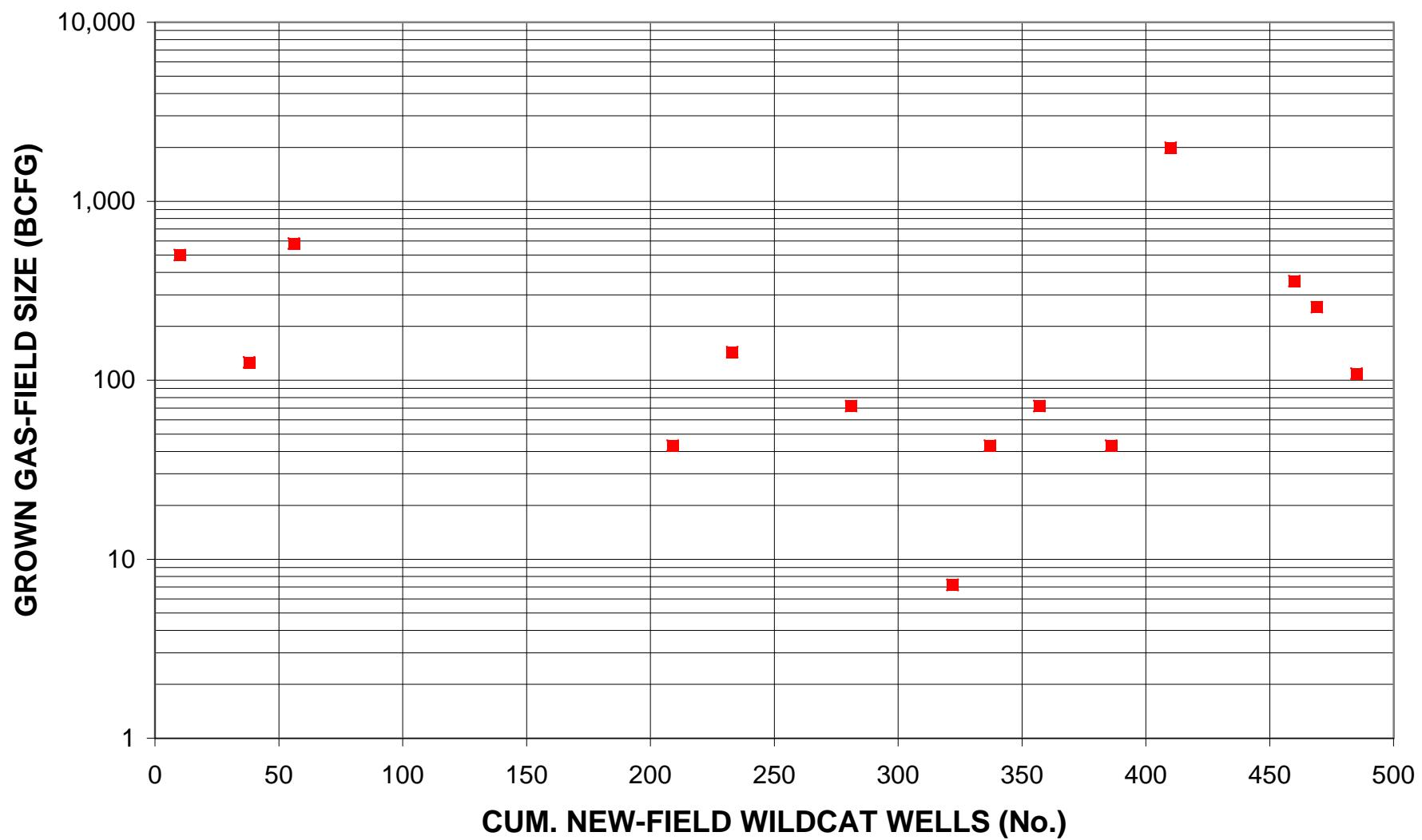
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



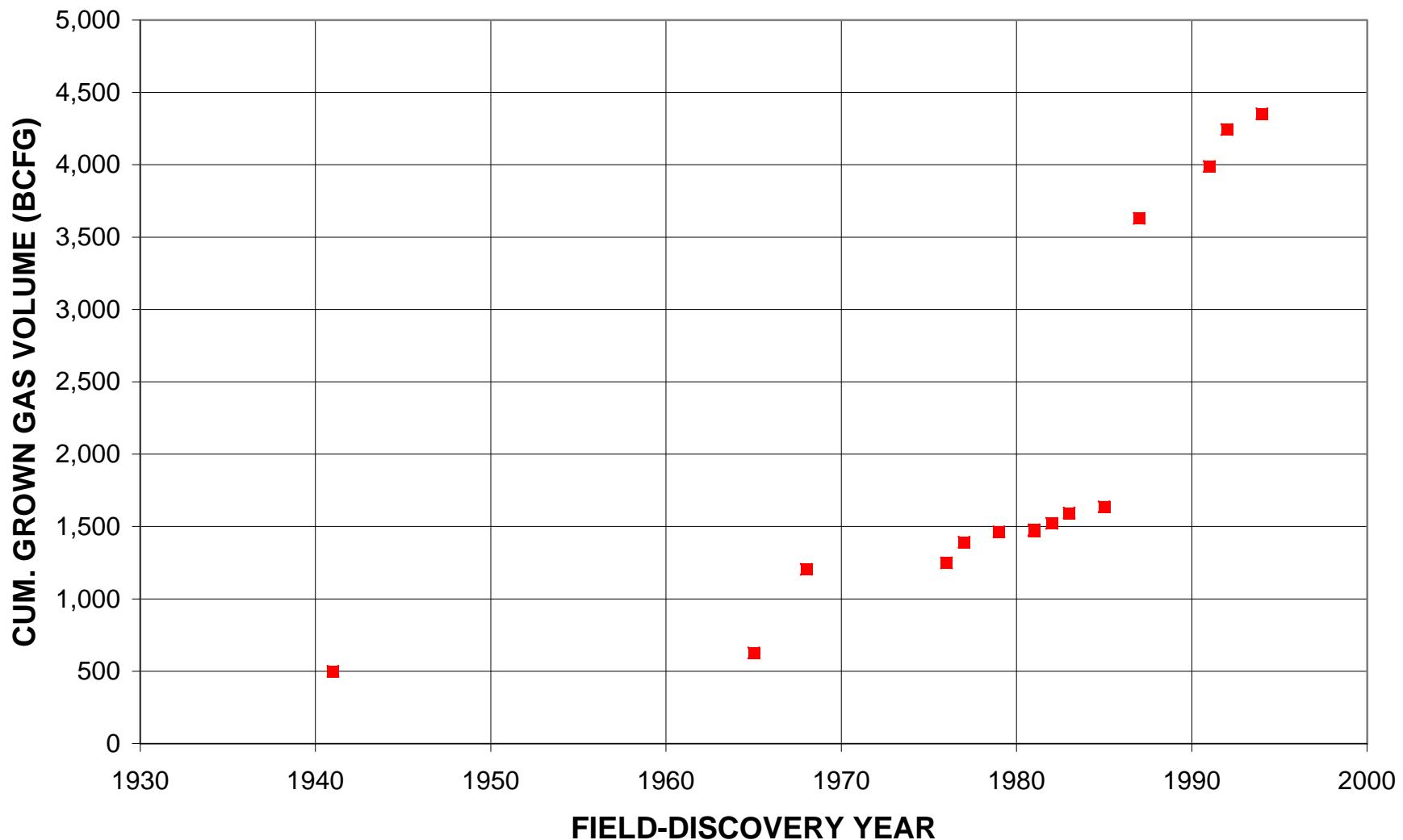
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



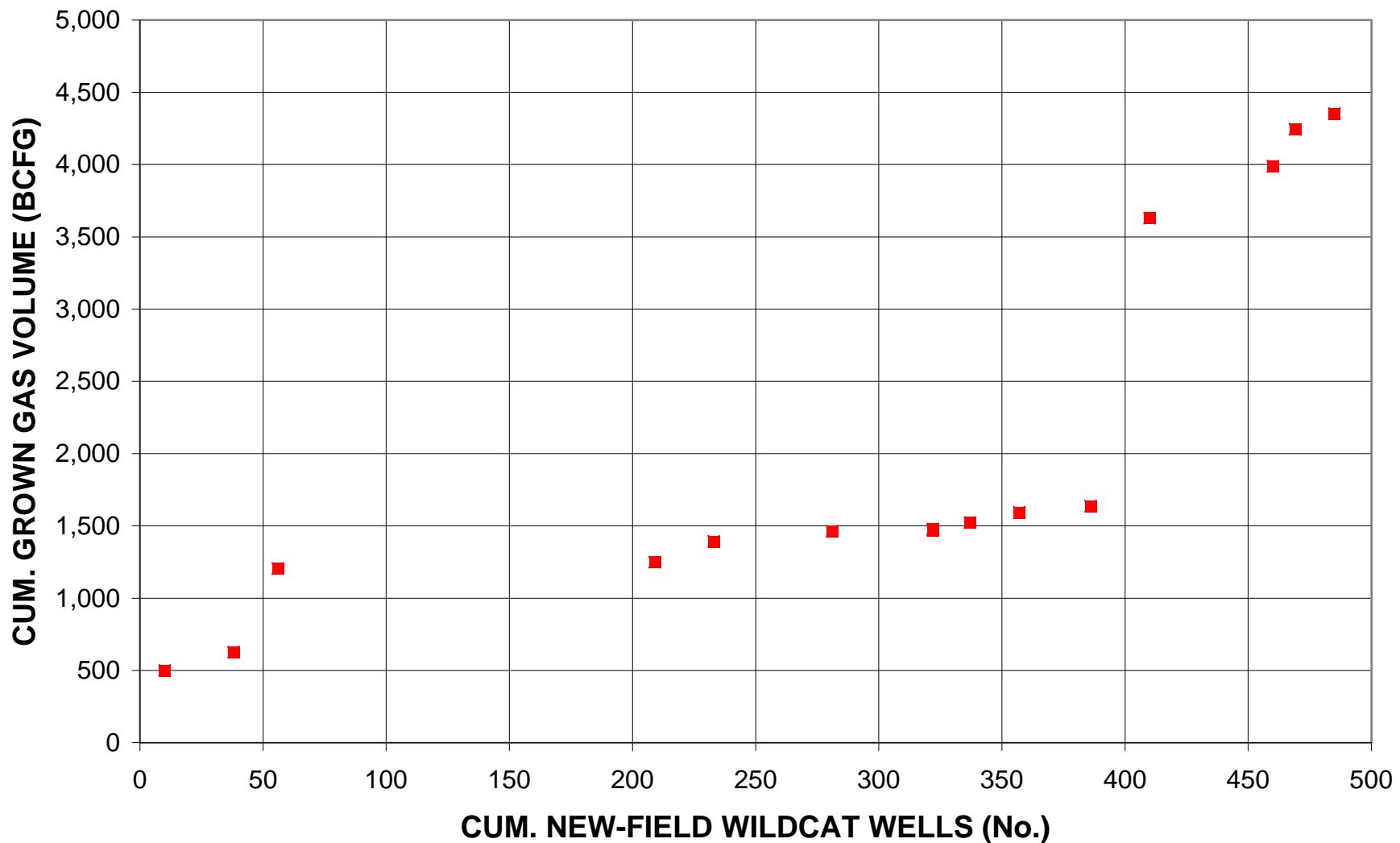
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



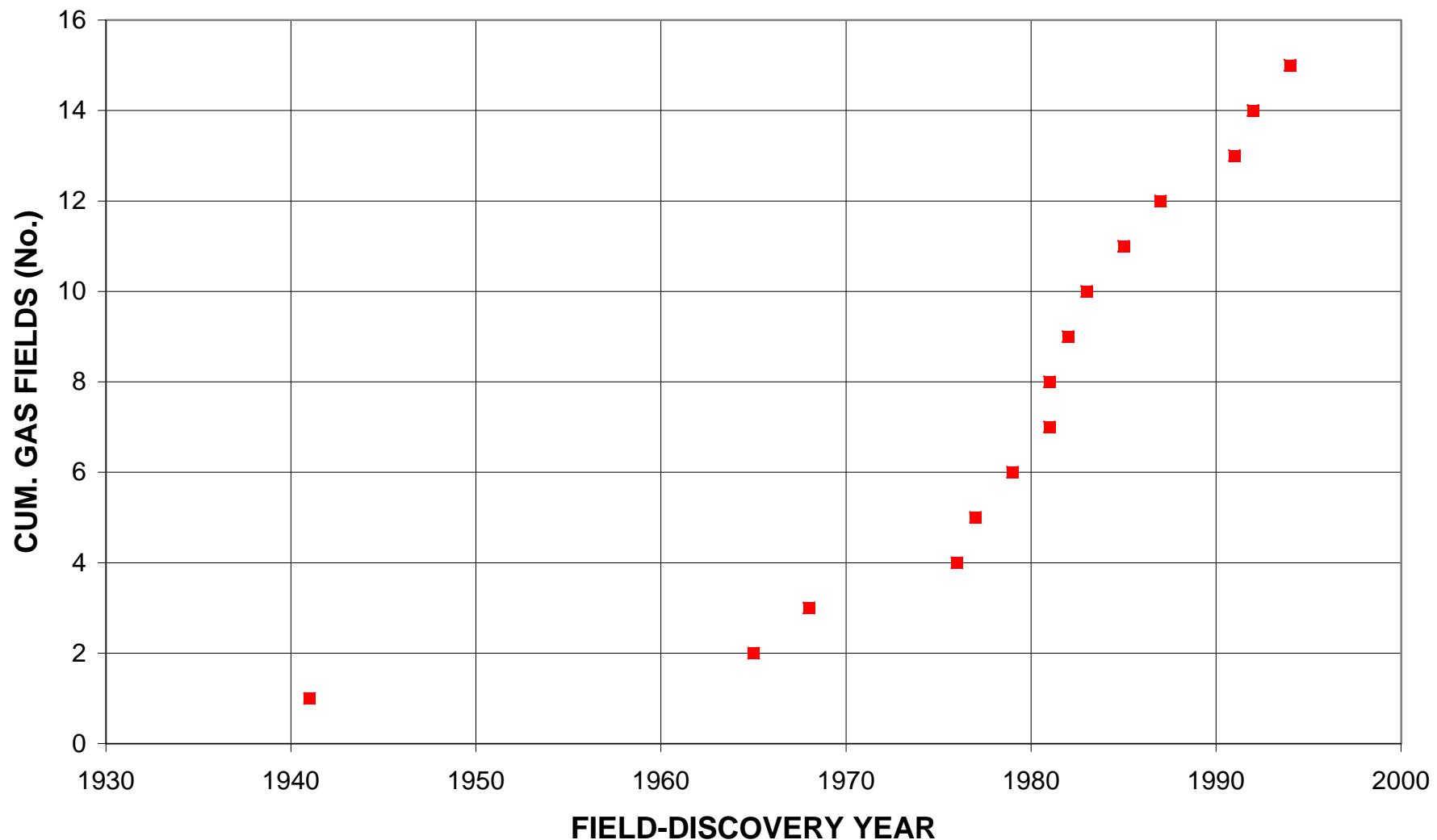
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



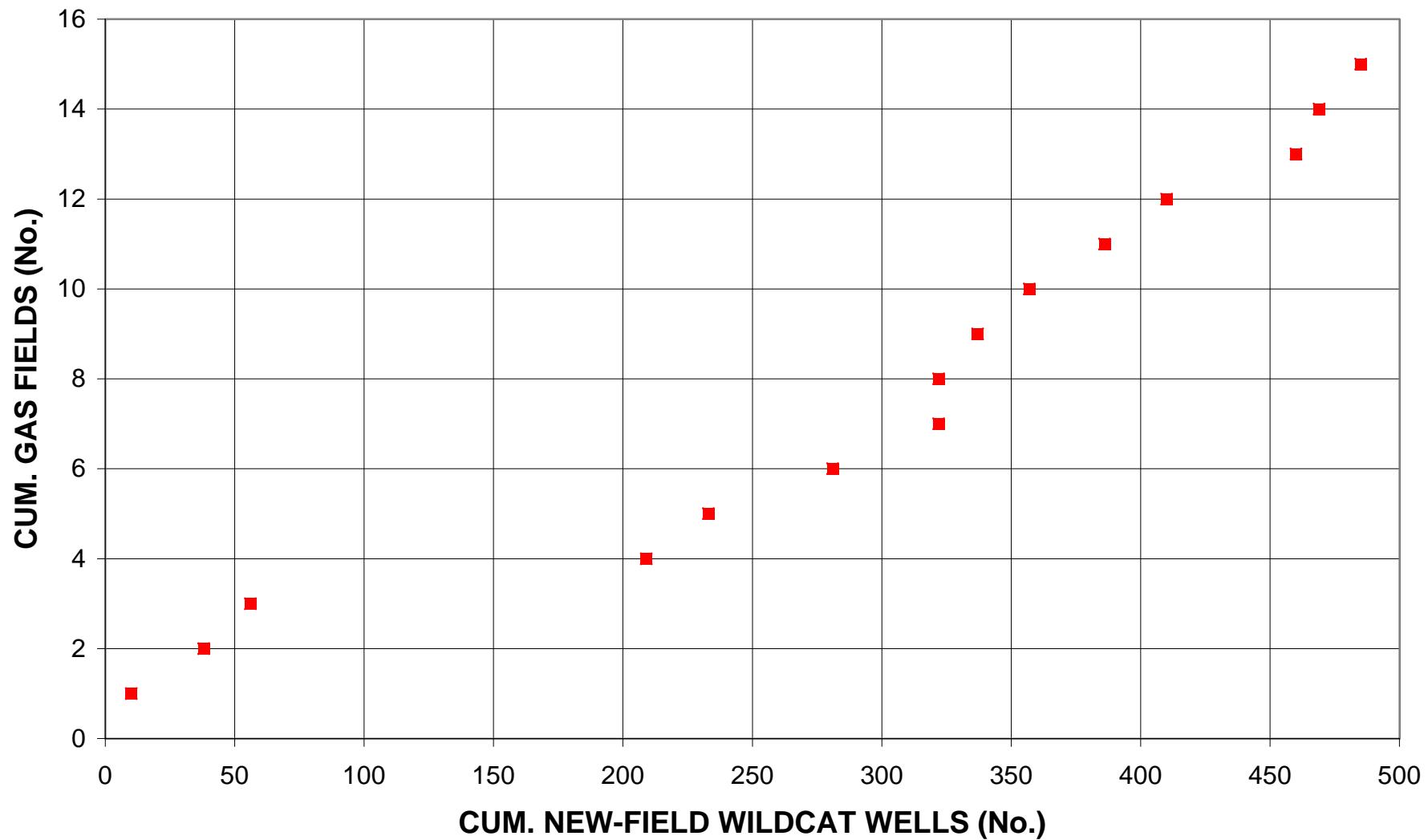
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



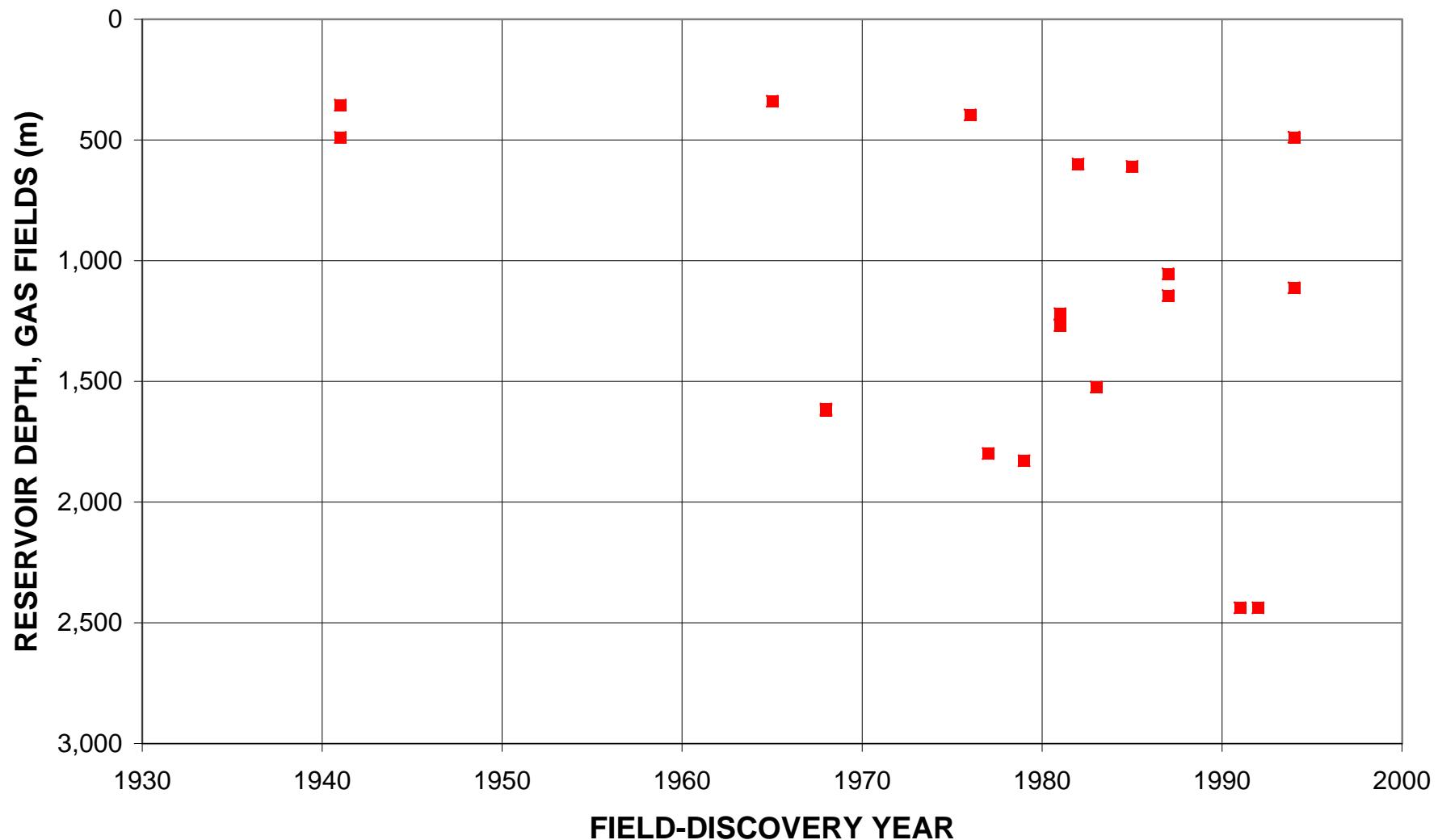
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



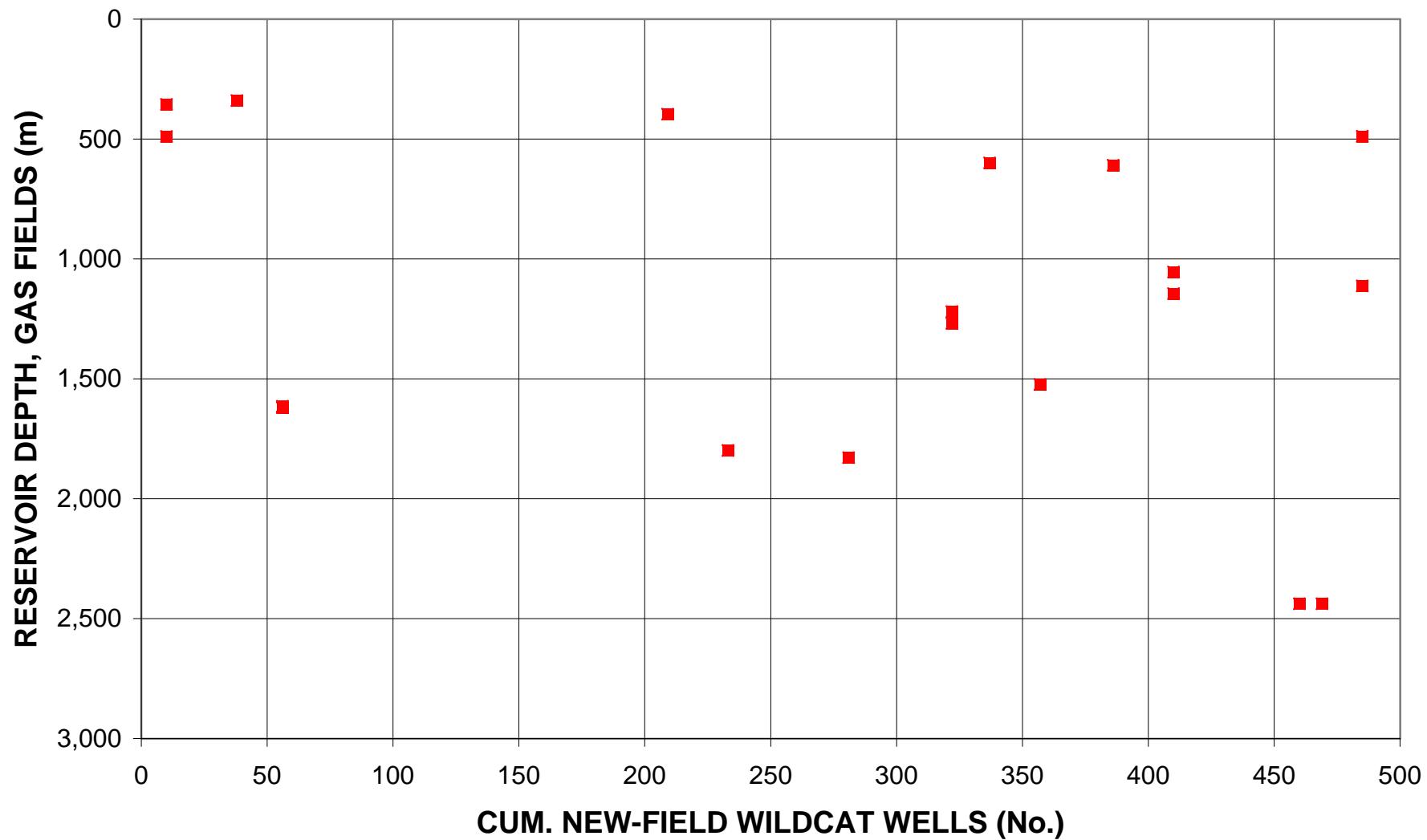
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



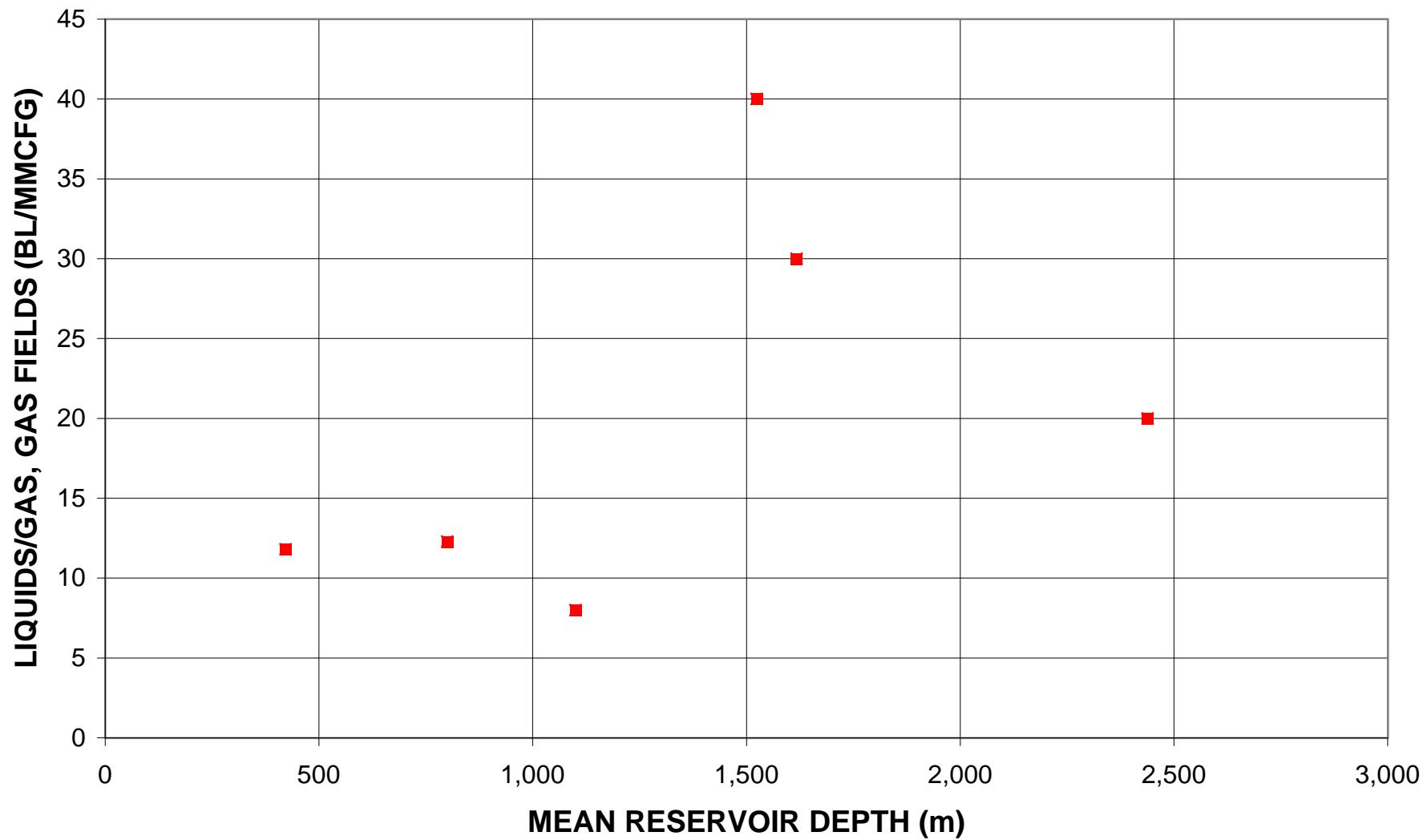
Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



Pematang/Sihapas Siliciclastics, Assessment Unit 38080101



Pematang/Sihapas Siliclastics, Assessment Unit 38080101



Pematang/Sihapas Siliciclastics, Assessment Unit 38080101
Volumes of Discovered Petroleum

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. Fields containing less than 1 MMBO in oil fields or 6 BCFG in gas fields were not considered in the assessment. Fields were classified as oil or gas by the USGS. Fields without reported discovery dates were not included. NA means not applicable and is shown for volumes where only one field is present. Calculated values may not be equal to the sums of the component values because numbers have been independently rounded.]

Field Type	Known (Discovered) Volumes			Grown (Discovered) Volumes				
	Number of Fields	Oil (MMBO)	Gas (BCFG)	NGL (MMBNGL)	Number of Fields	Oil (MMBO)	Gas (BCFG)	NGL (MMBNGL)
Oil Fields	155	13,183	1,157	5	159	14,184	2,110	13
Gas Fields	13	29	2,695	5	15	39	4,353	11
Fields <1 MMBOE	19	6	15	0	13	5	2	0
All Fields	187	13,217	3,866	11	187	14,228	6,465	24

Pematang/Sihapas Siliciclastics, Assessment Unit 38080101
Discovery-History Sequence

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. Fields containing less than 1 MMBO in oil fields or 6 BCFG in gas fields were not considered in the assessment. Fields were classified as oil or gas by the USGS. The first half or third shows year of first field discovery as well as end of period. NA means not applicable and is shown where fewer than four fields are present.]

Field Type	Discovery-History Sequence - Known (Discovered) Volumes					
		Year (End of Period)	Number of Fields	Total Volume	Mean Size	Median Size
Oil Fields	<u>Known Sizes (MMBO)</u>					
	First third	1939-1975	52	12,117	233	37
	Second third	1981	52	626	12	6
	Third third	1995	51	440	9	3
Gas Fields	<u>Known Sizes (BCFG)</u>					
	All Oil Fields		155	13,183	85	7
	First half	1941-1982	7	1,330	190	100
	Second half	1994	6	1,365	228	75
			13	2,695	207	100

Pematang/Sihapas Siliciclastics, Assessment Unit 38080101
Discovery-History Sequence

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. Fields containing less than 1 MMBO in oil fields or 6 BCFG in gas fields were not considered in the assessment. Fields were classified as oil or gas by the USGS. The first half or third shows year of first field discovery as well as end of period. NA means not applicable and is shown where fewer than four fields are present.]

Field Type	Discovery-History Sequence - Grown (Discovered) Volumes					
		Year (End of Period)	Number of Fields	Total Volume	Mean Size	Median Size
Oil Fields	Grown Sizes (MMBO)					
	First third	1939-1975	53	12,468	235	41
	Second third	1981	53	869	16	7
	Third third	1995	53	847	16	6
Gas Fields	All Oil Fields		159	14,184	89	10
	Grown Sizes (BCFG)					
	First third	1941-1977	5	1,392	278	144
	Second third	1983	5	201	40	43
	Third third	1994	5	2,760	552	256
	All Gas Fields		15	4,353	290	109