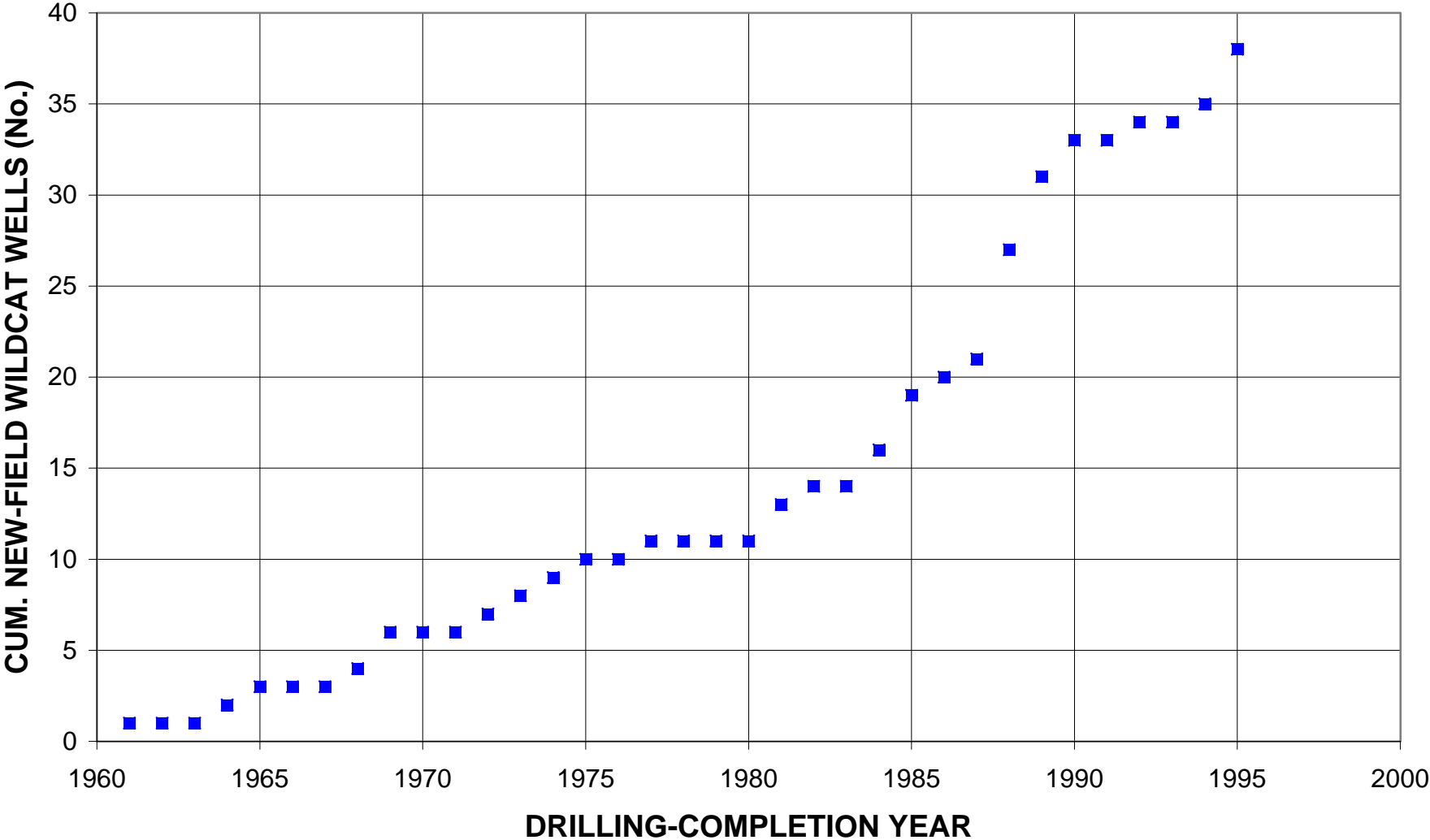
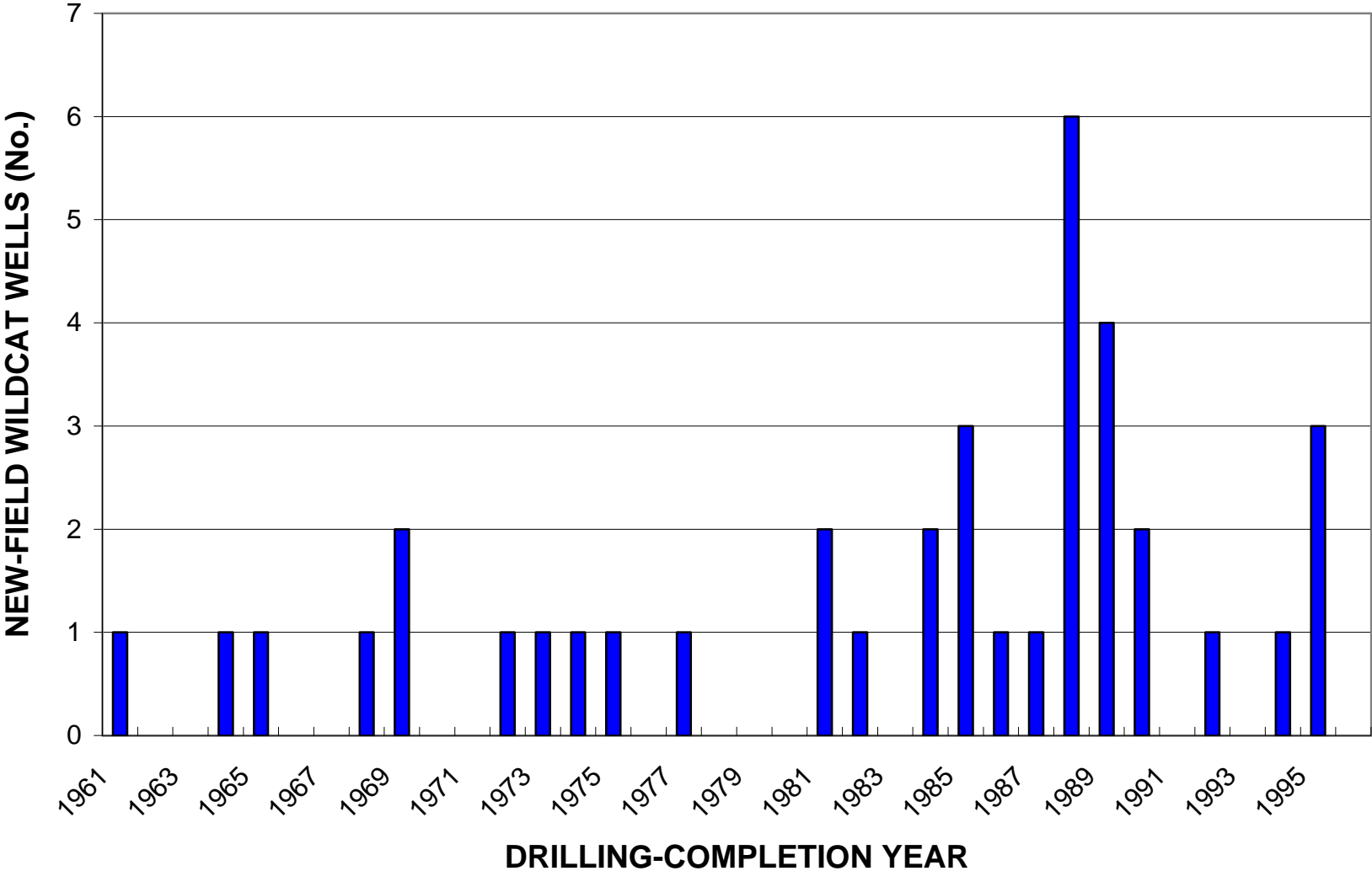


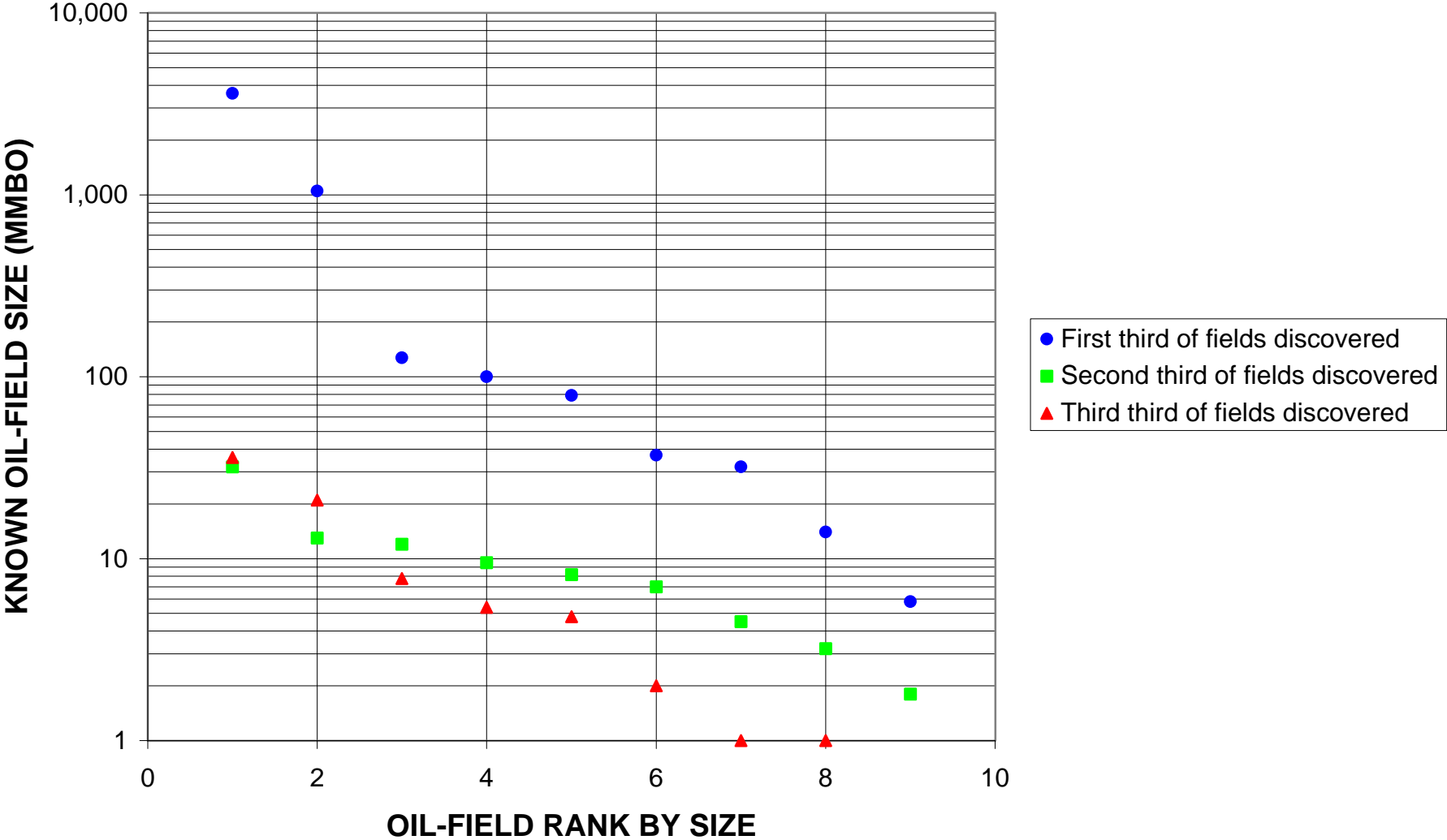
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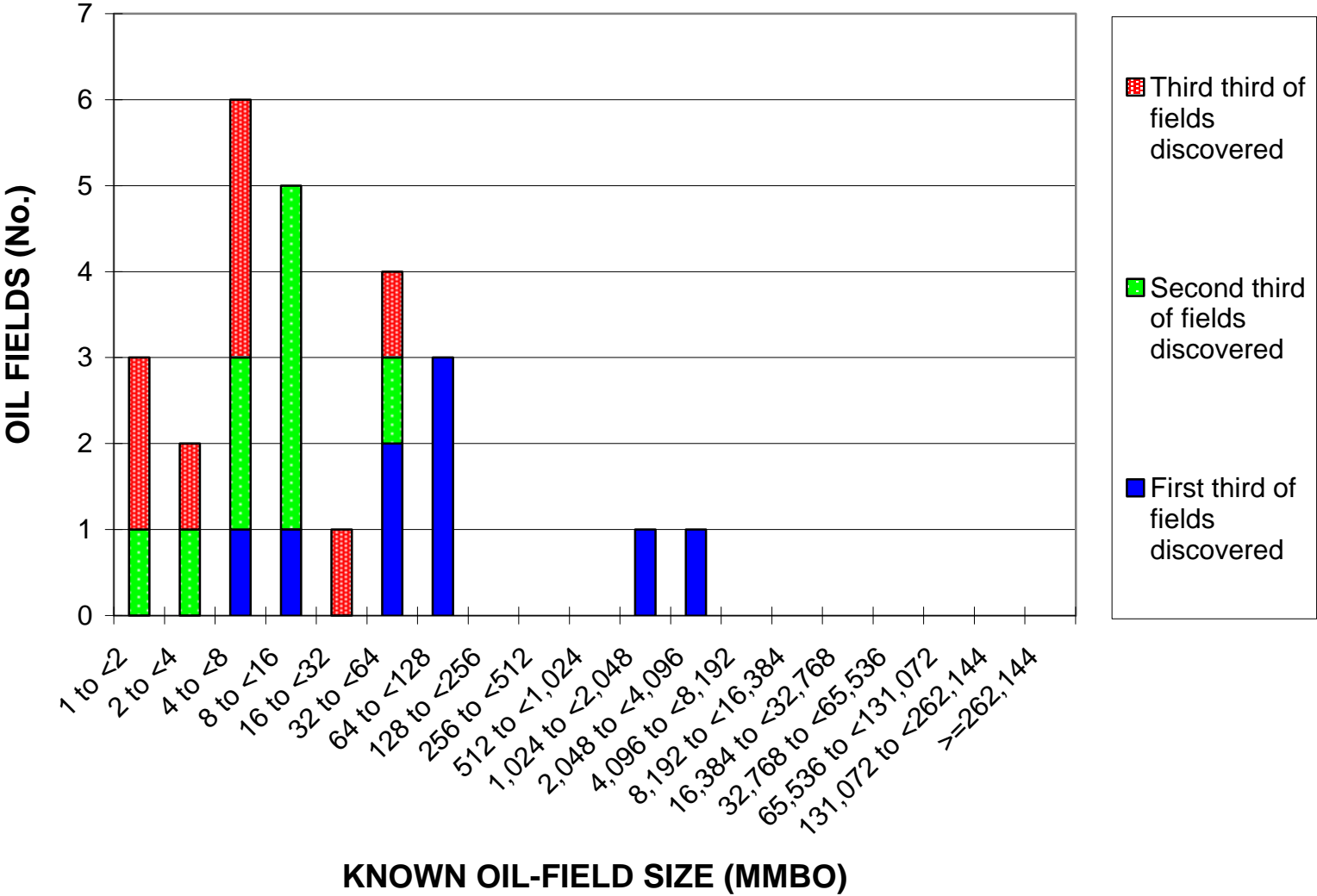
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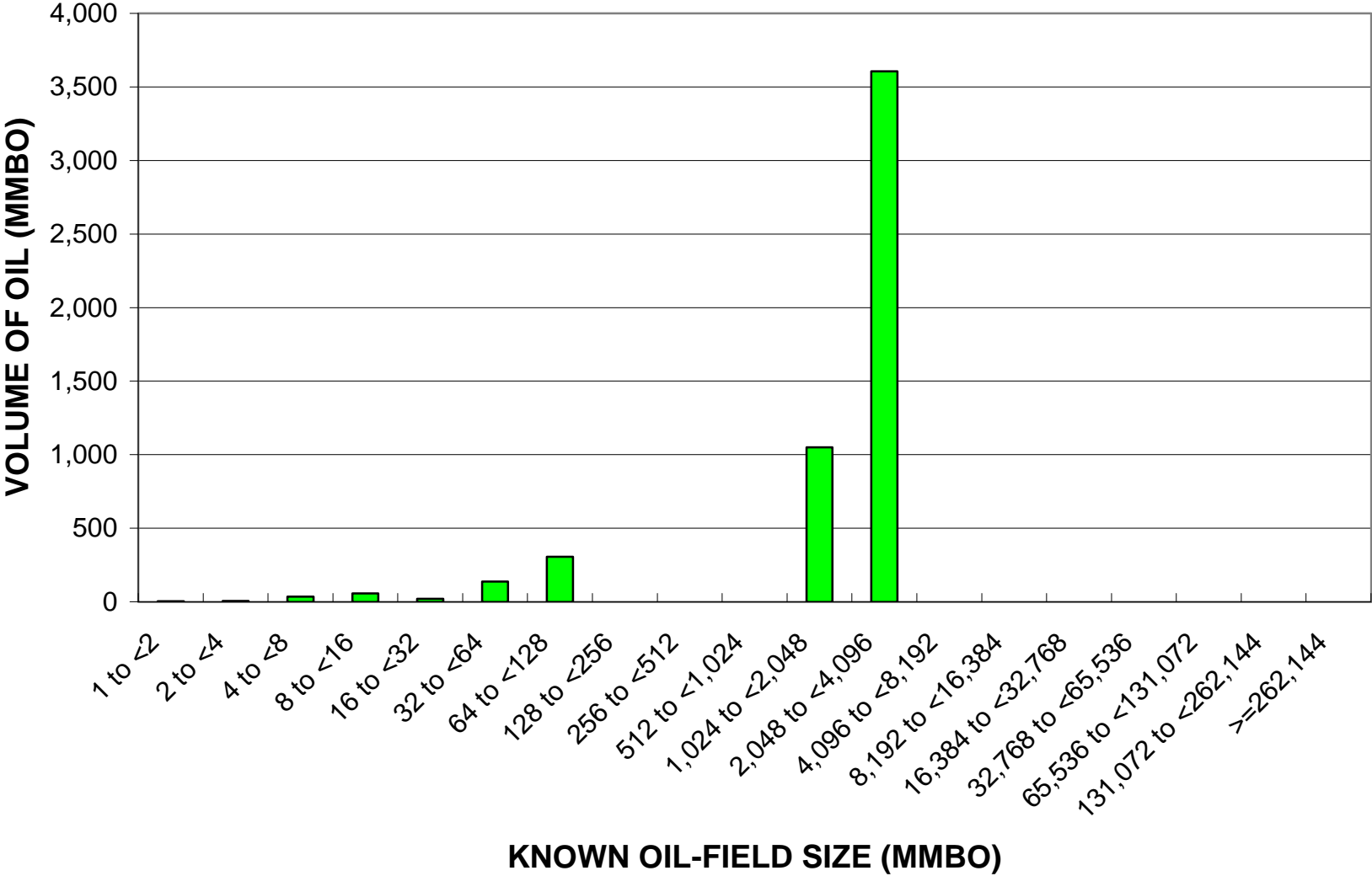
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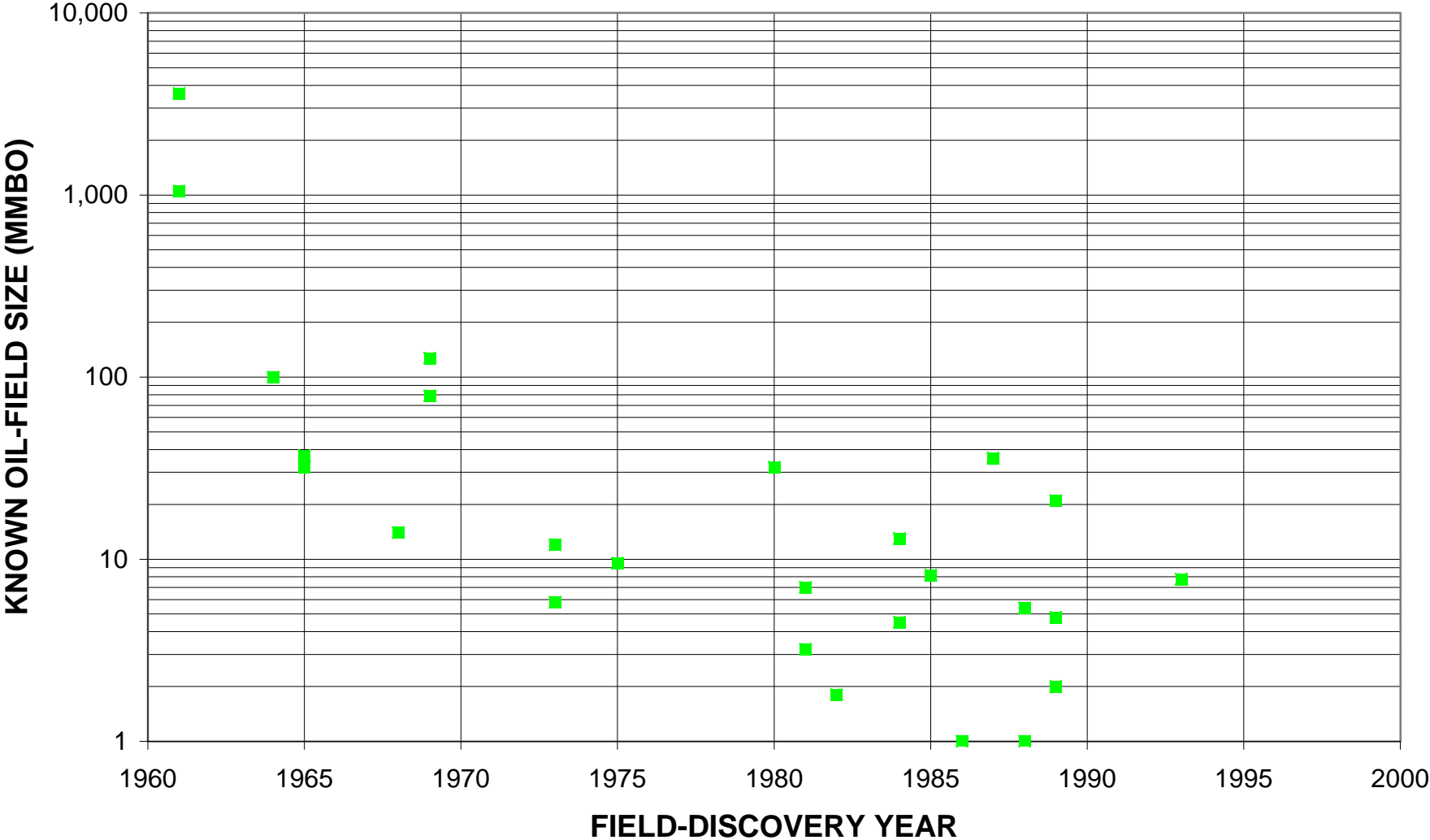
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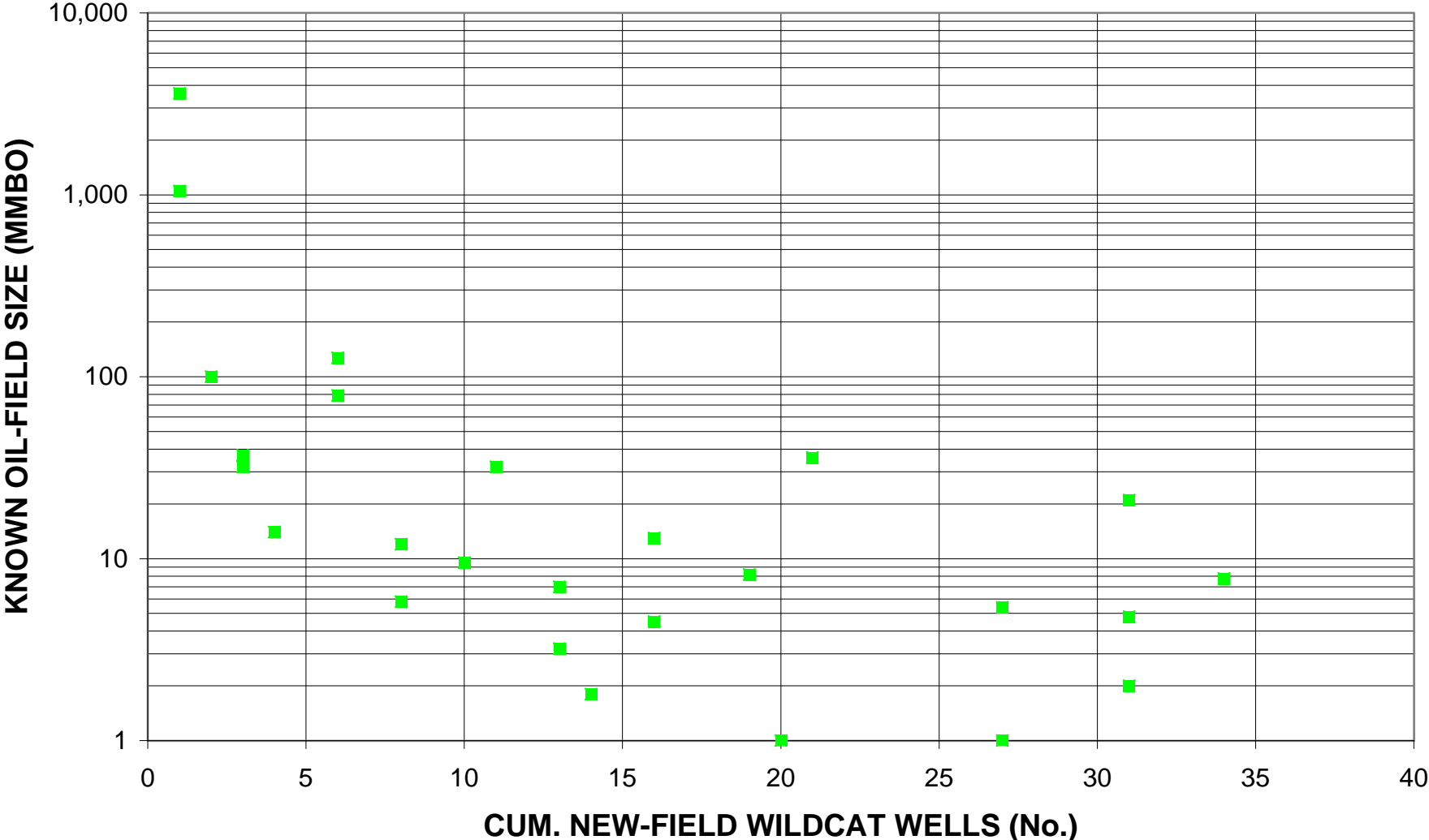
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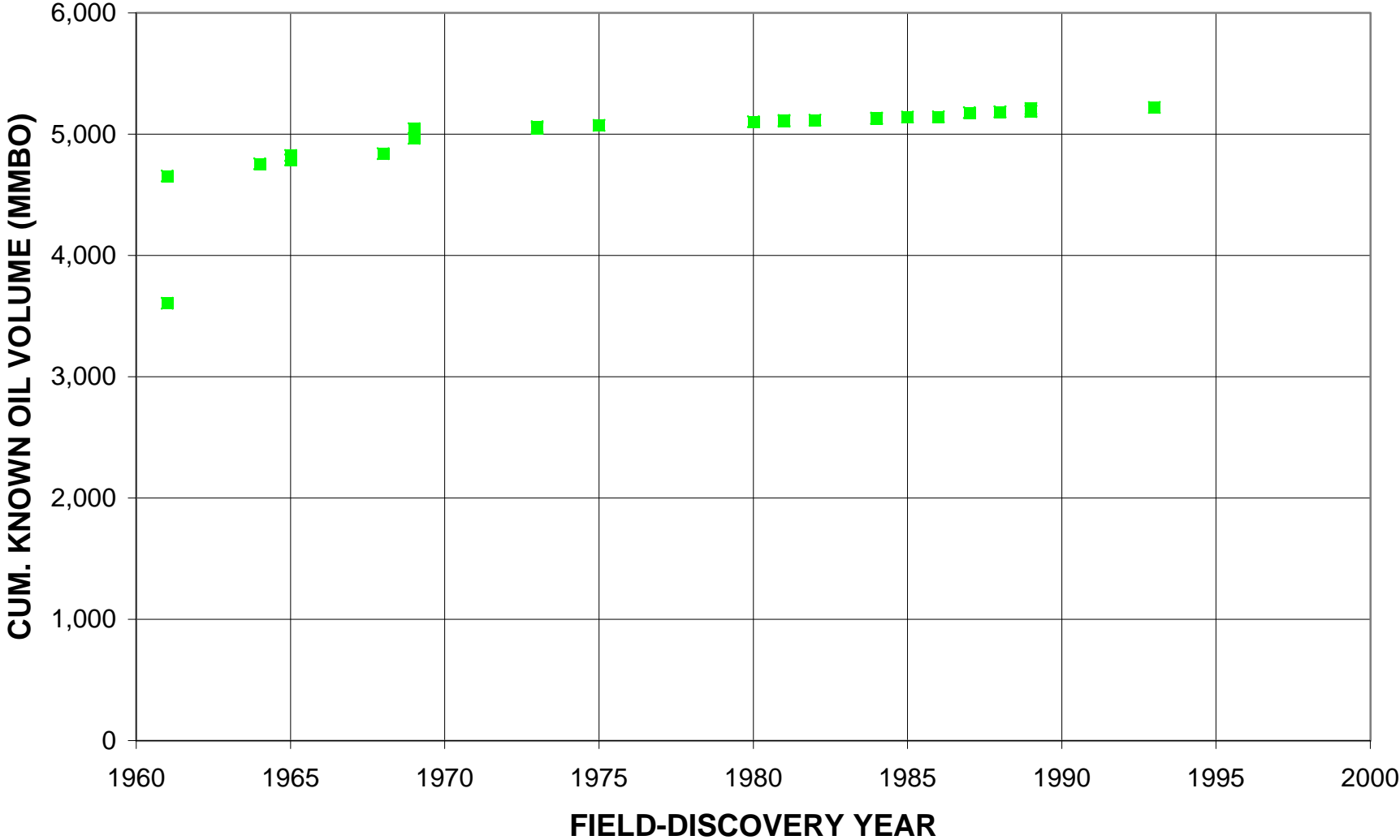
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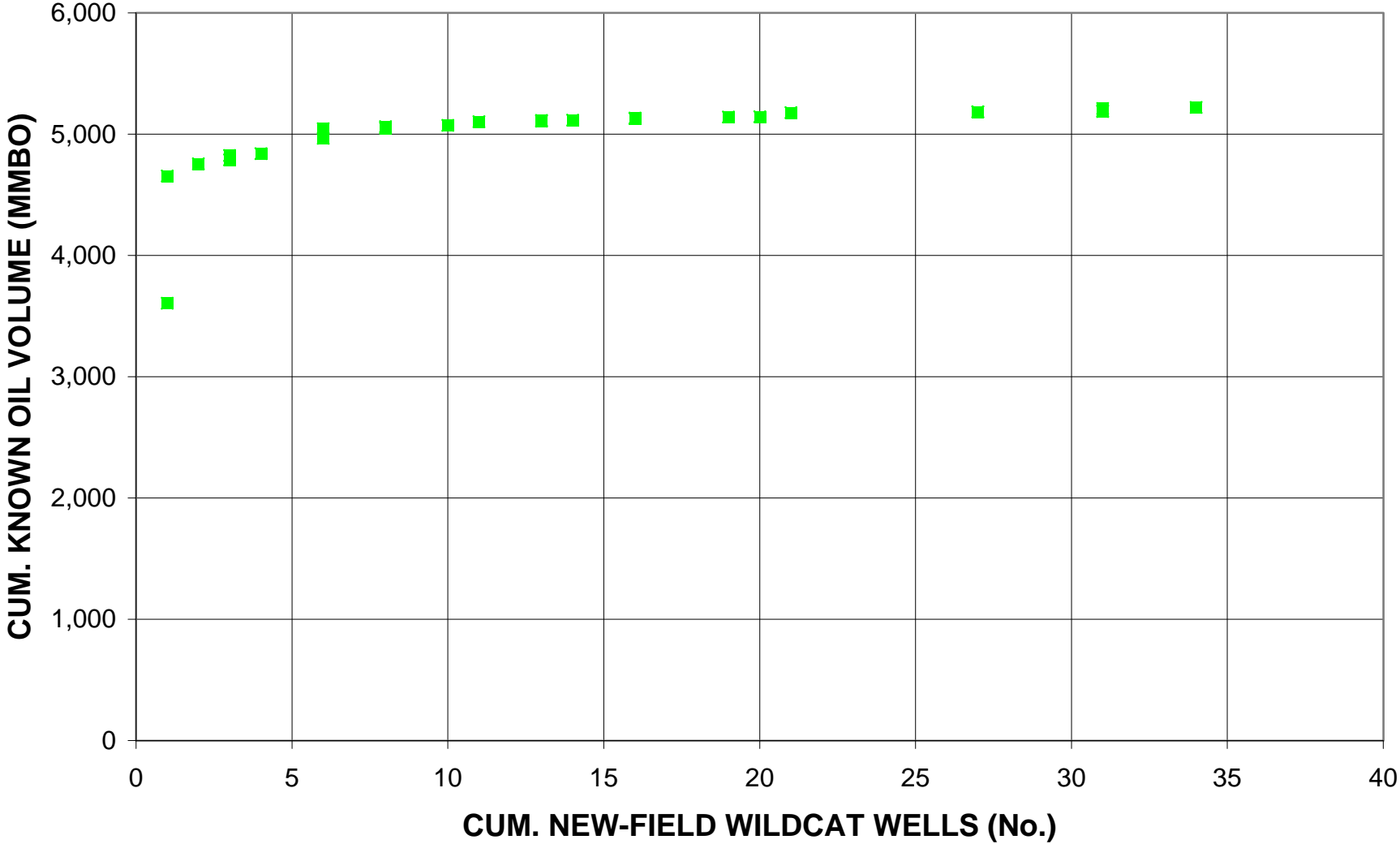
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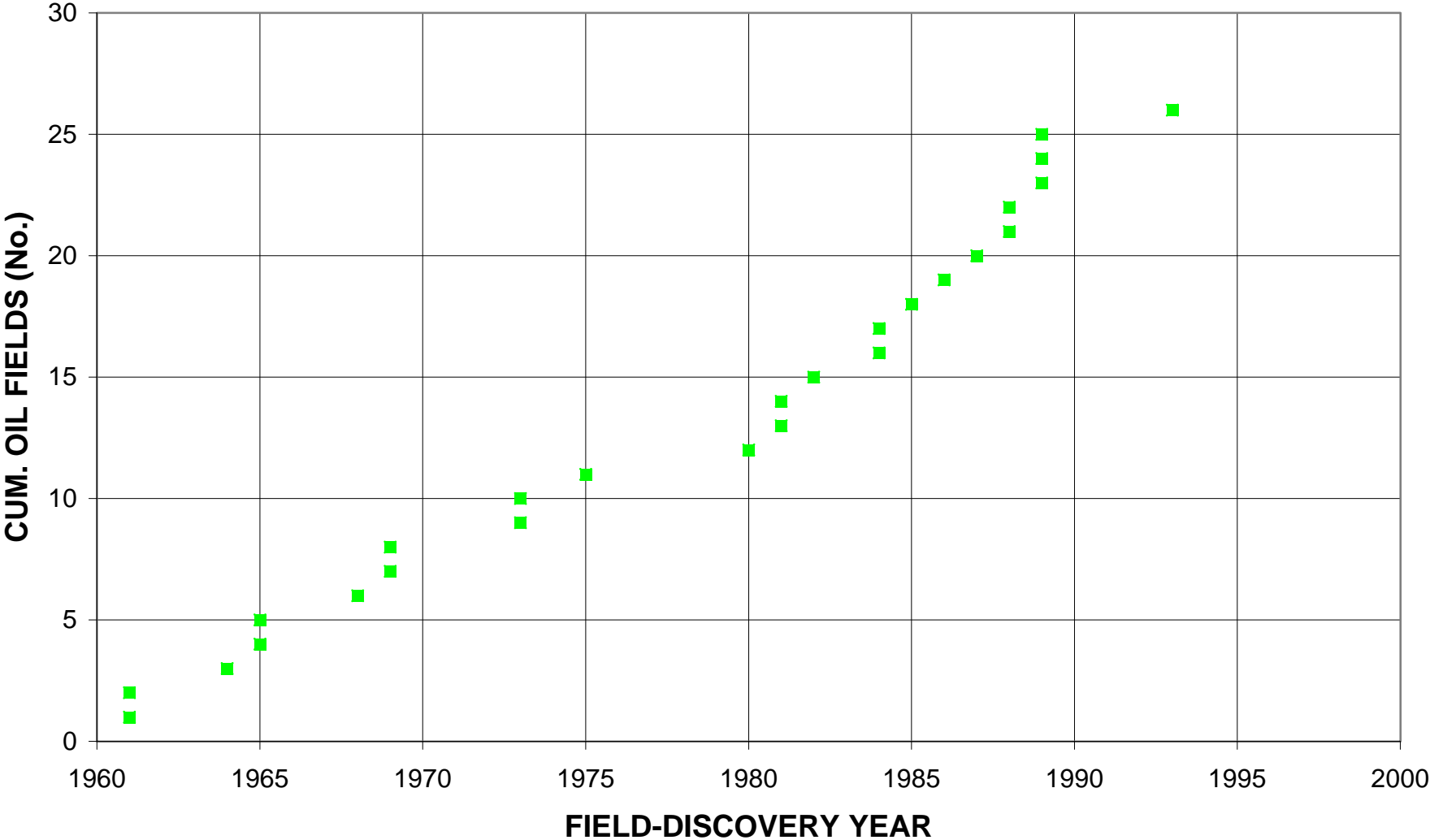
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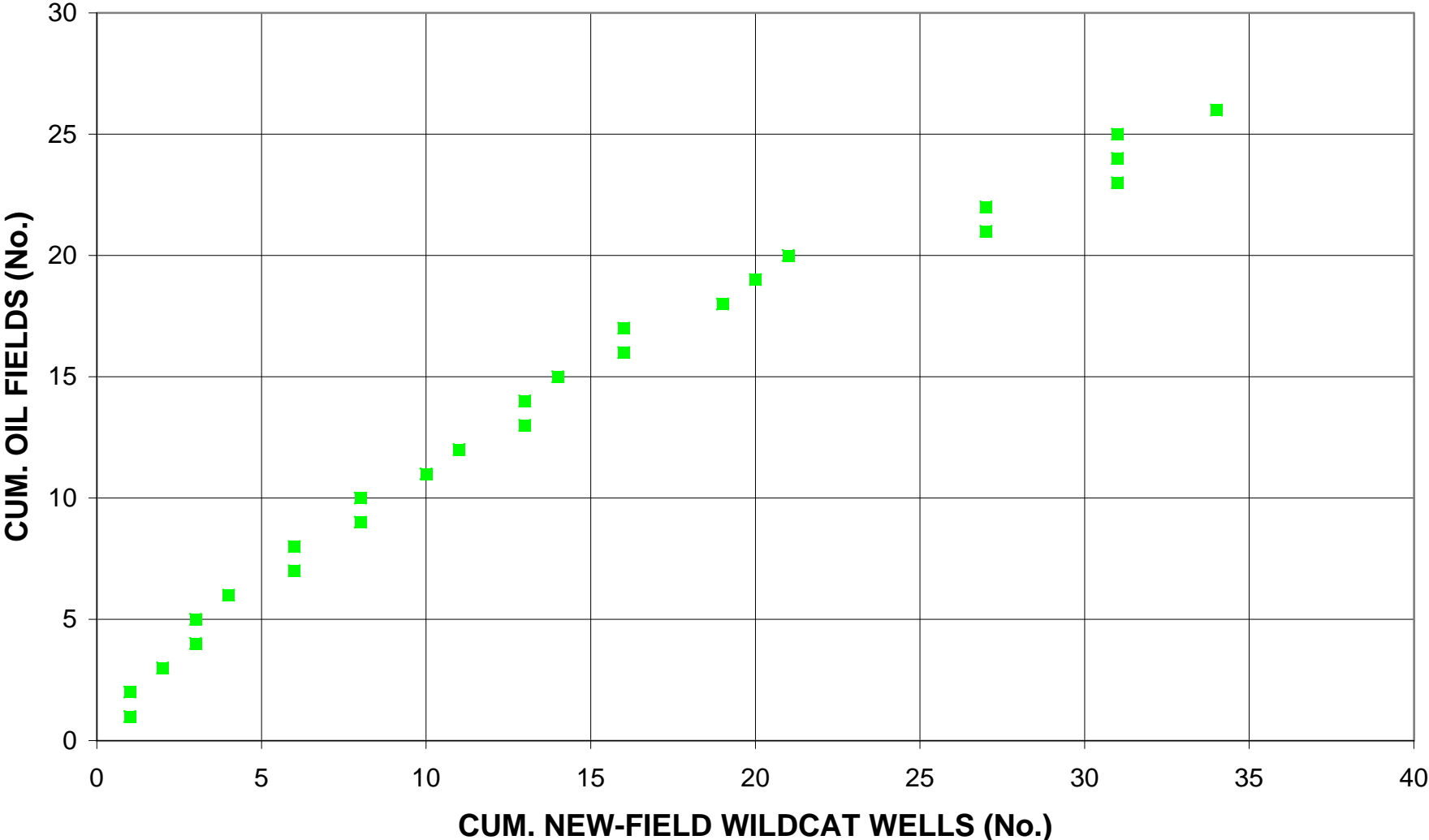
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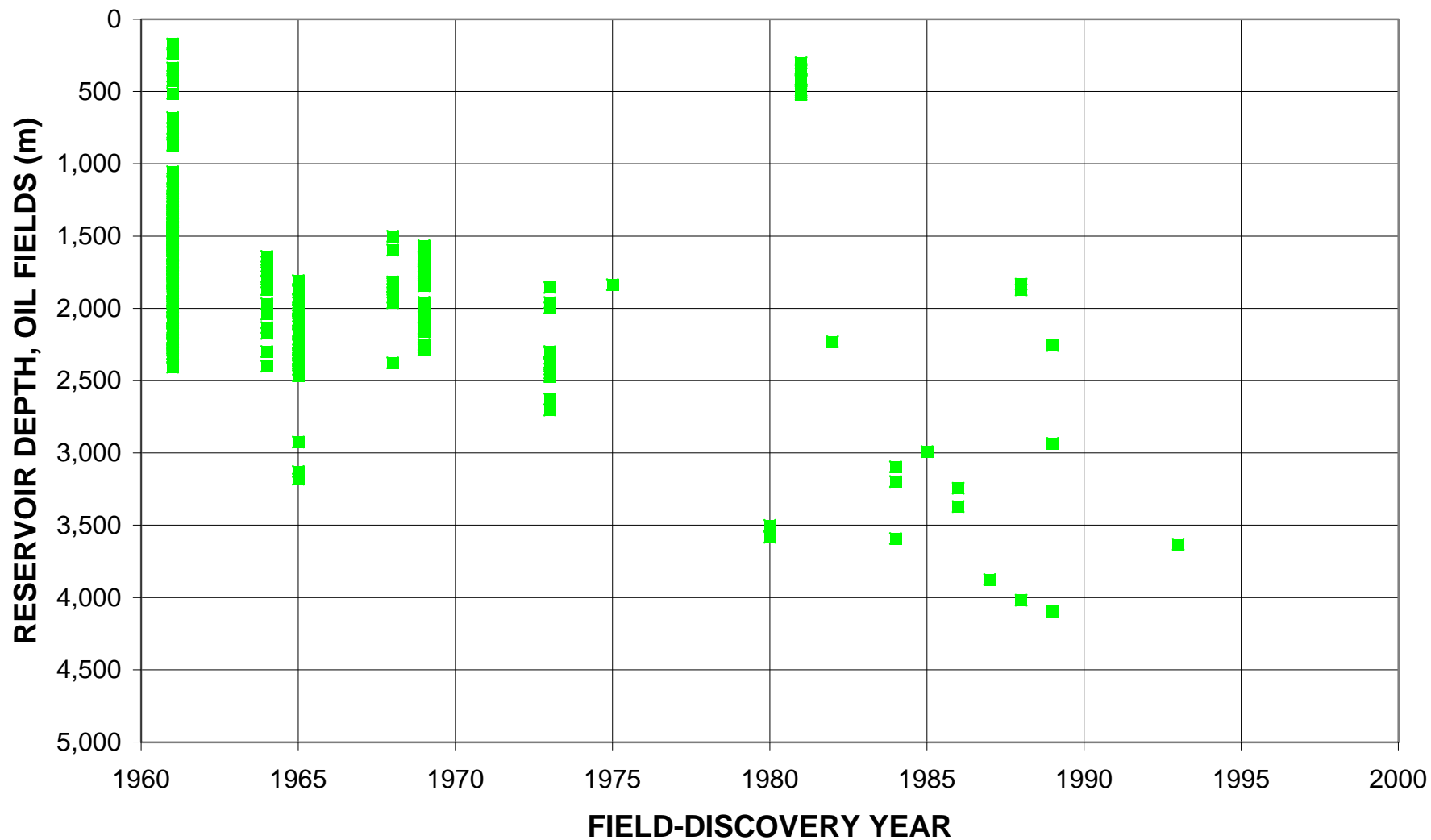
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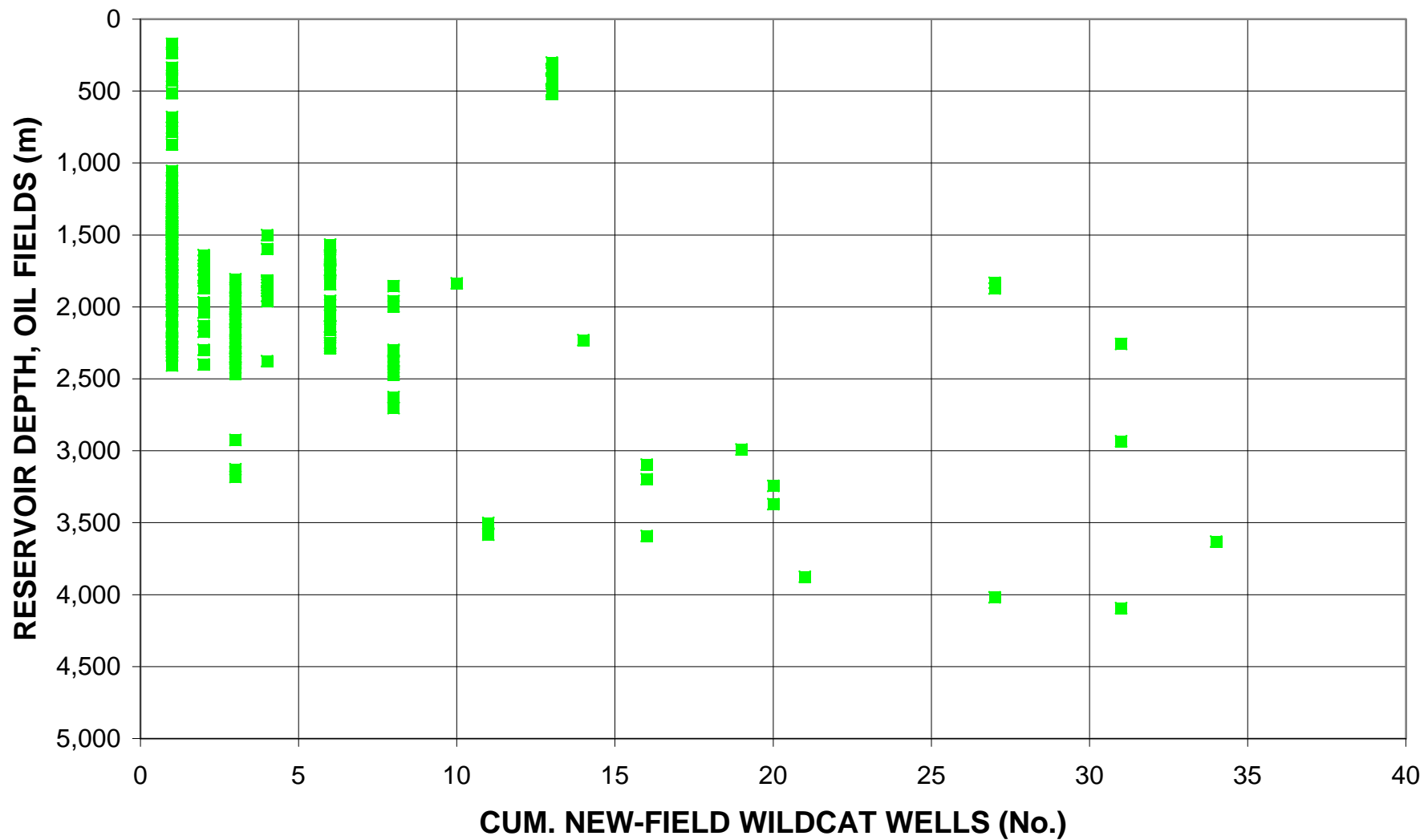
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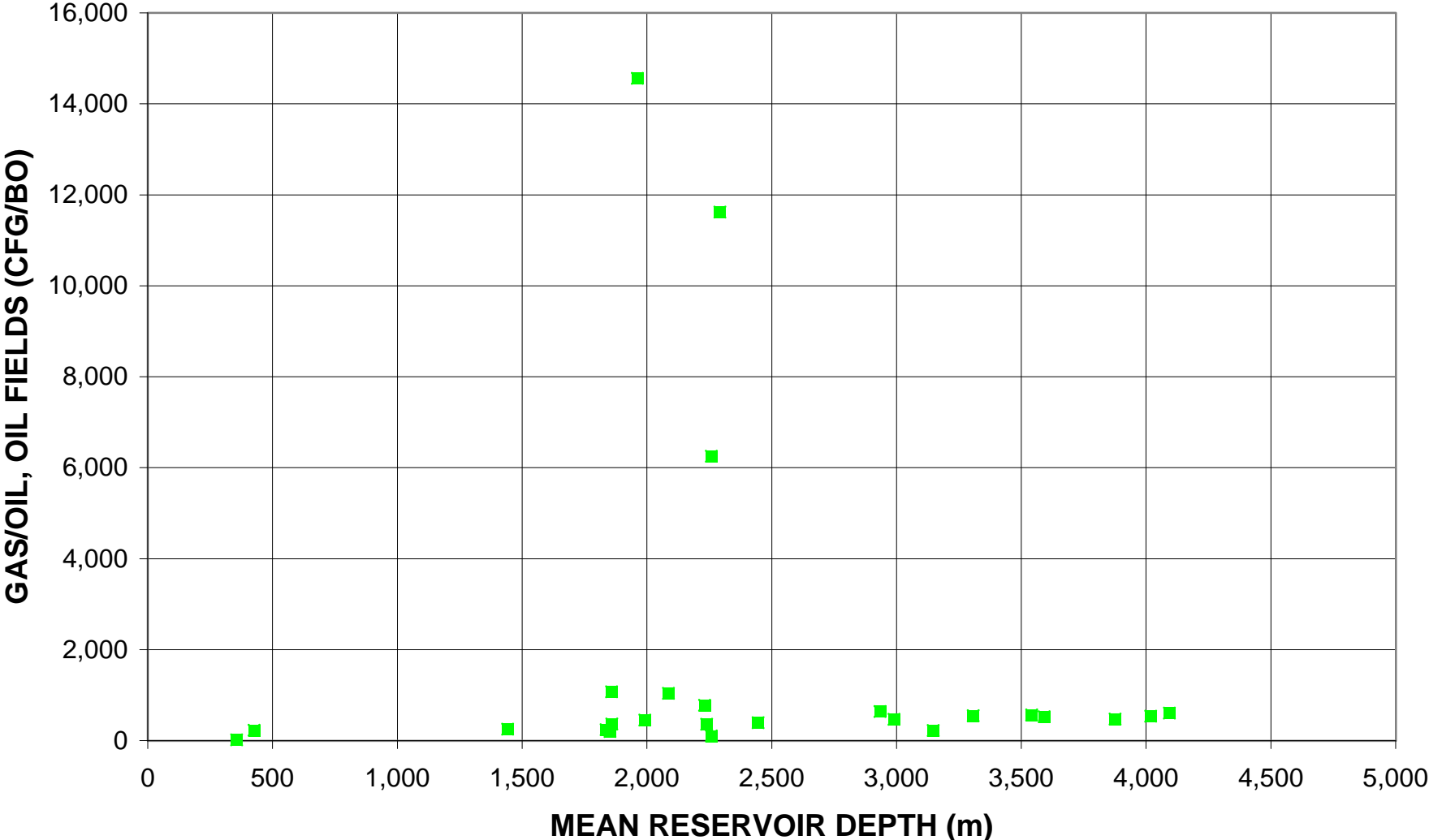
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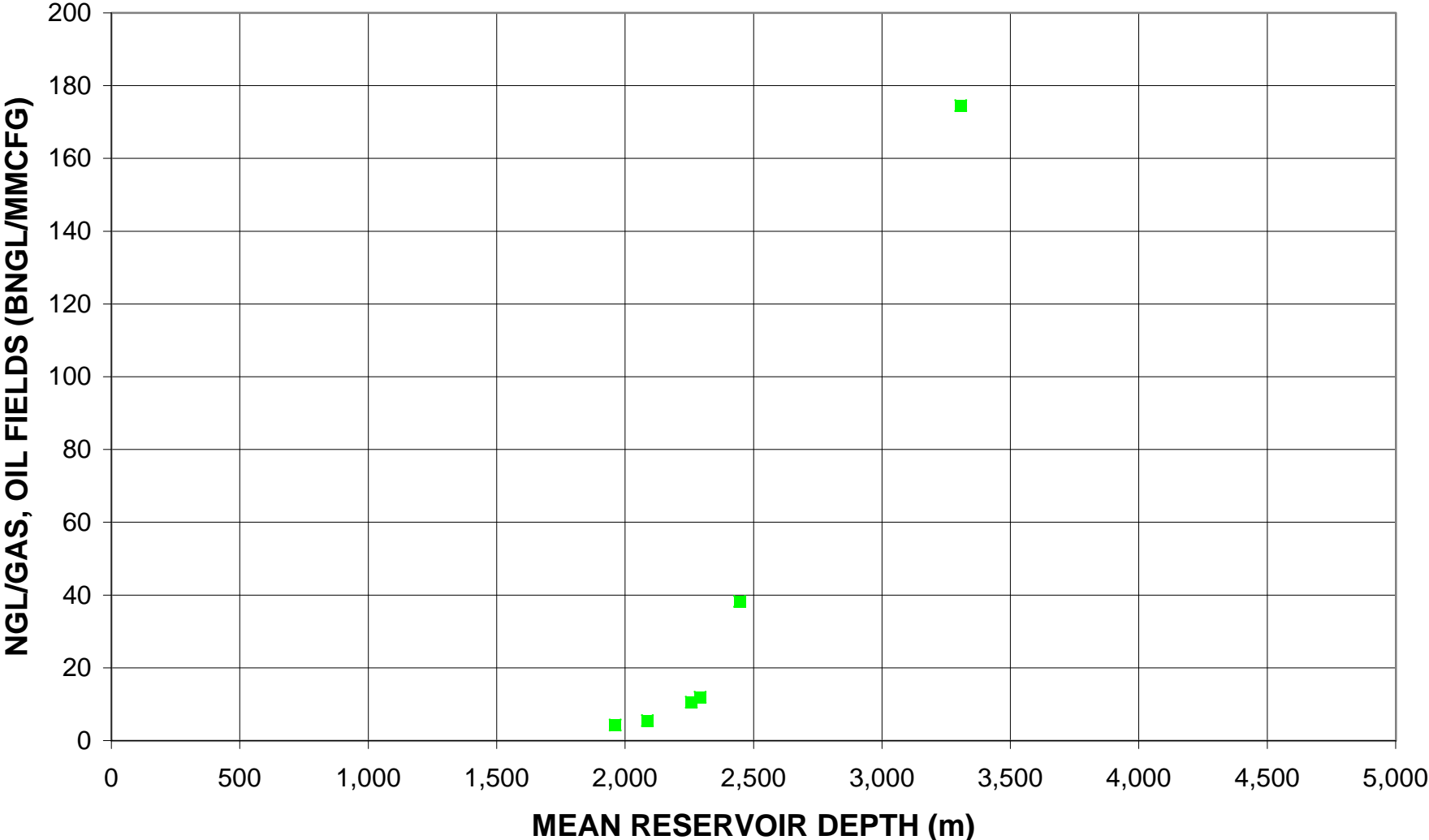
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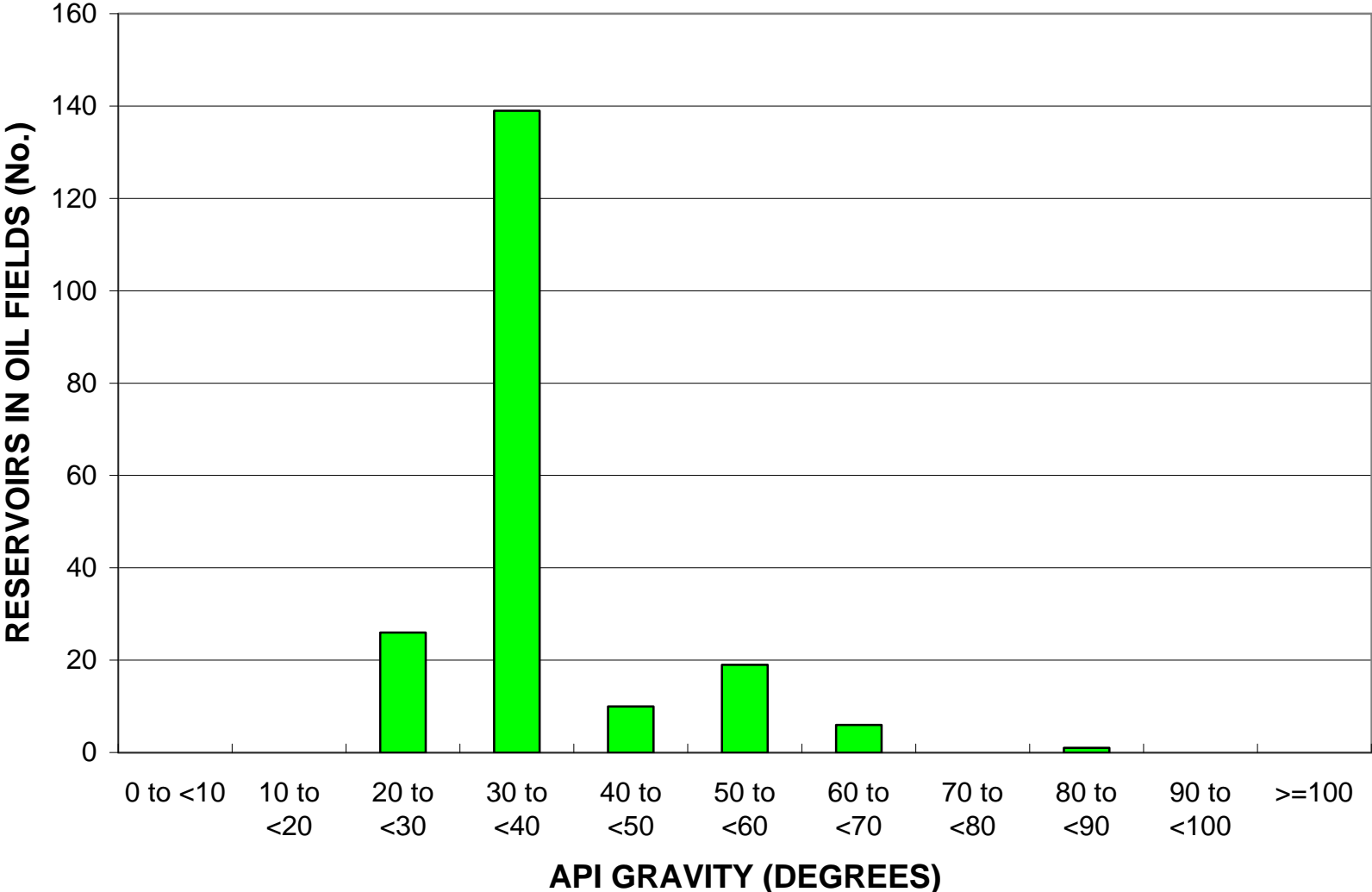
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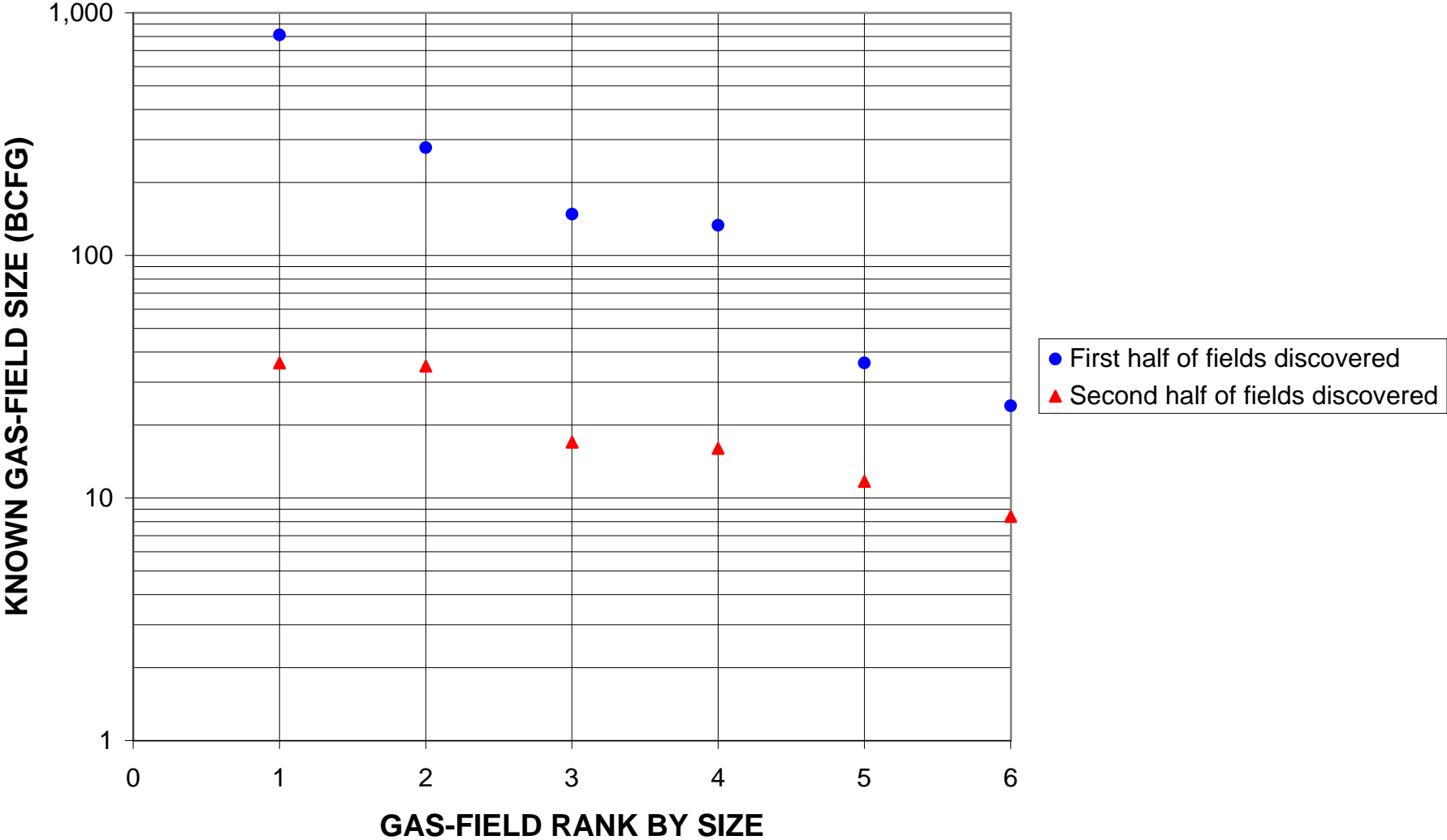
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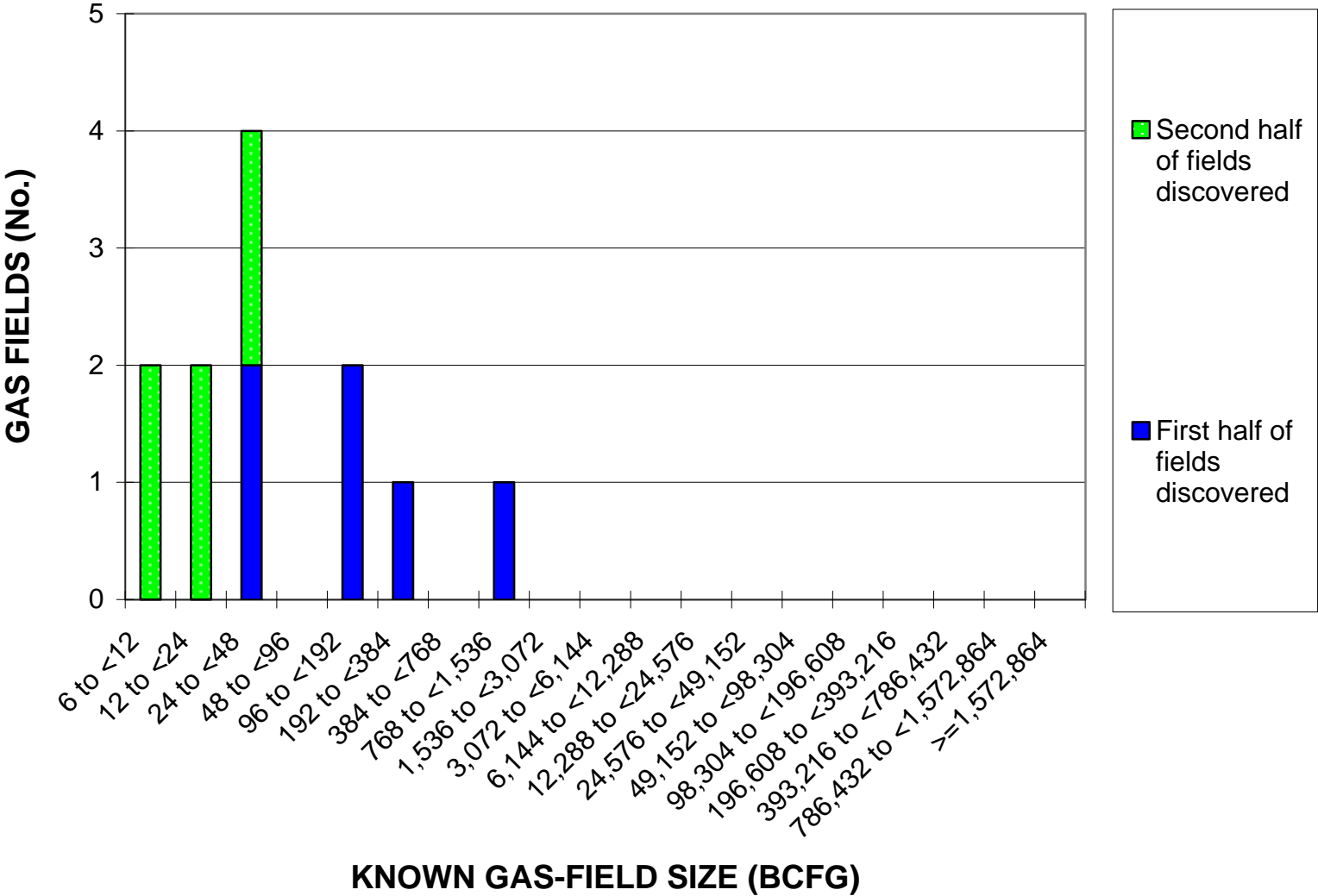
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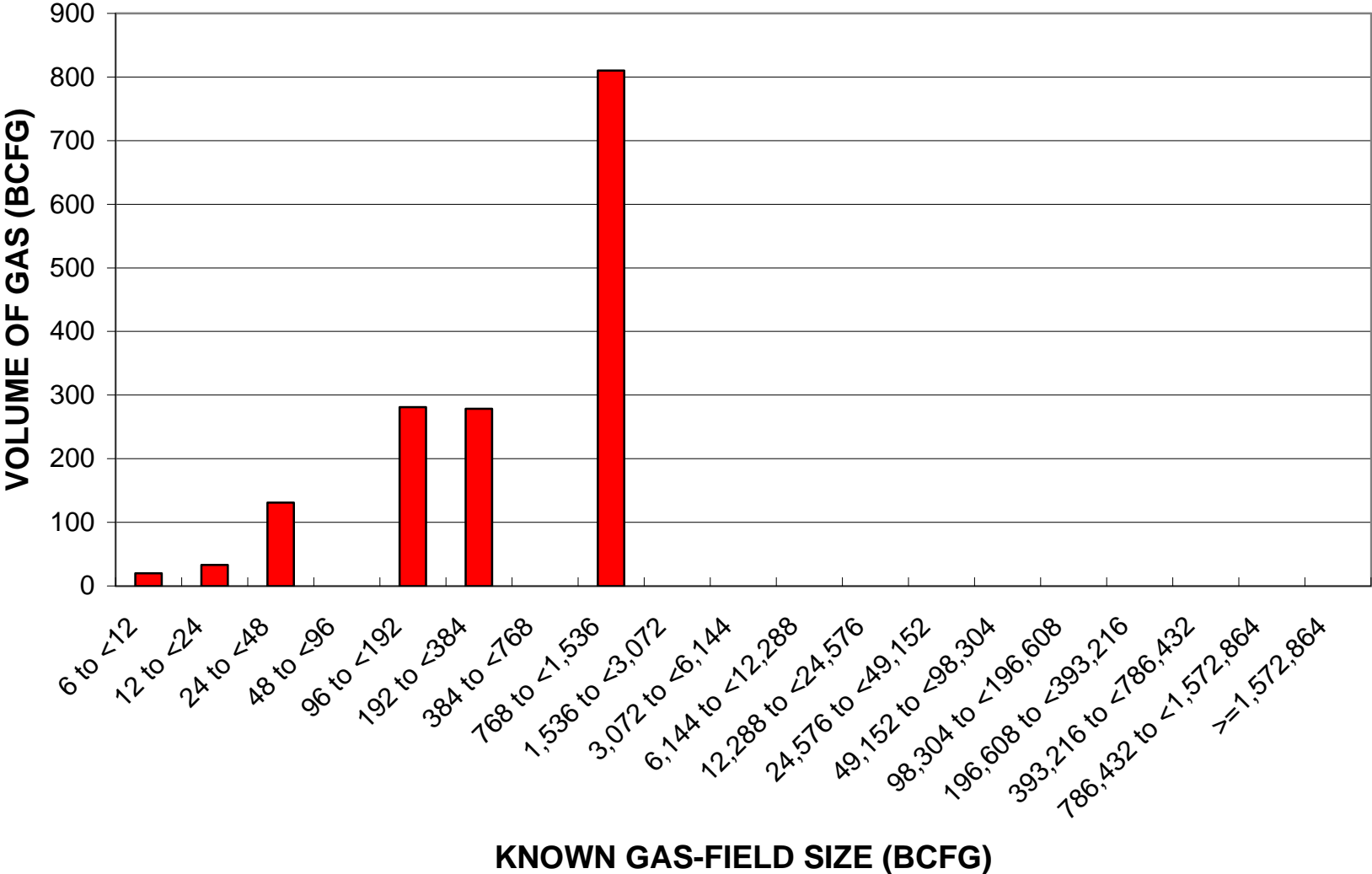
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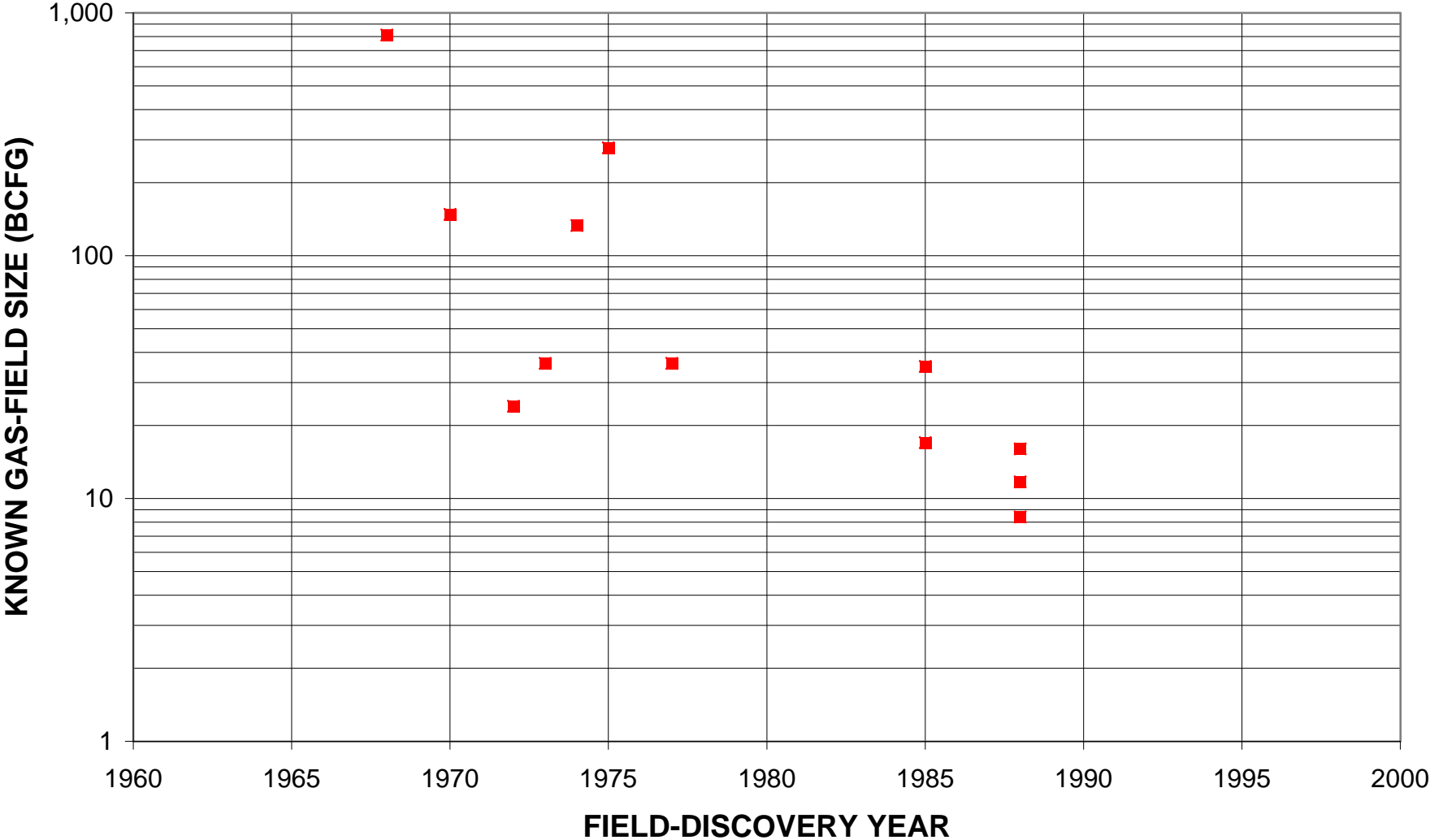
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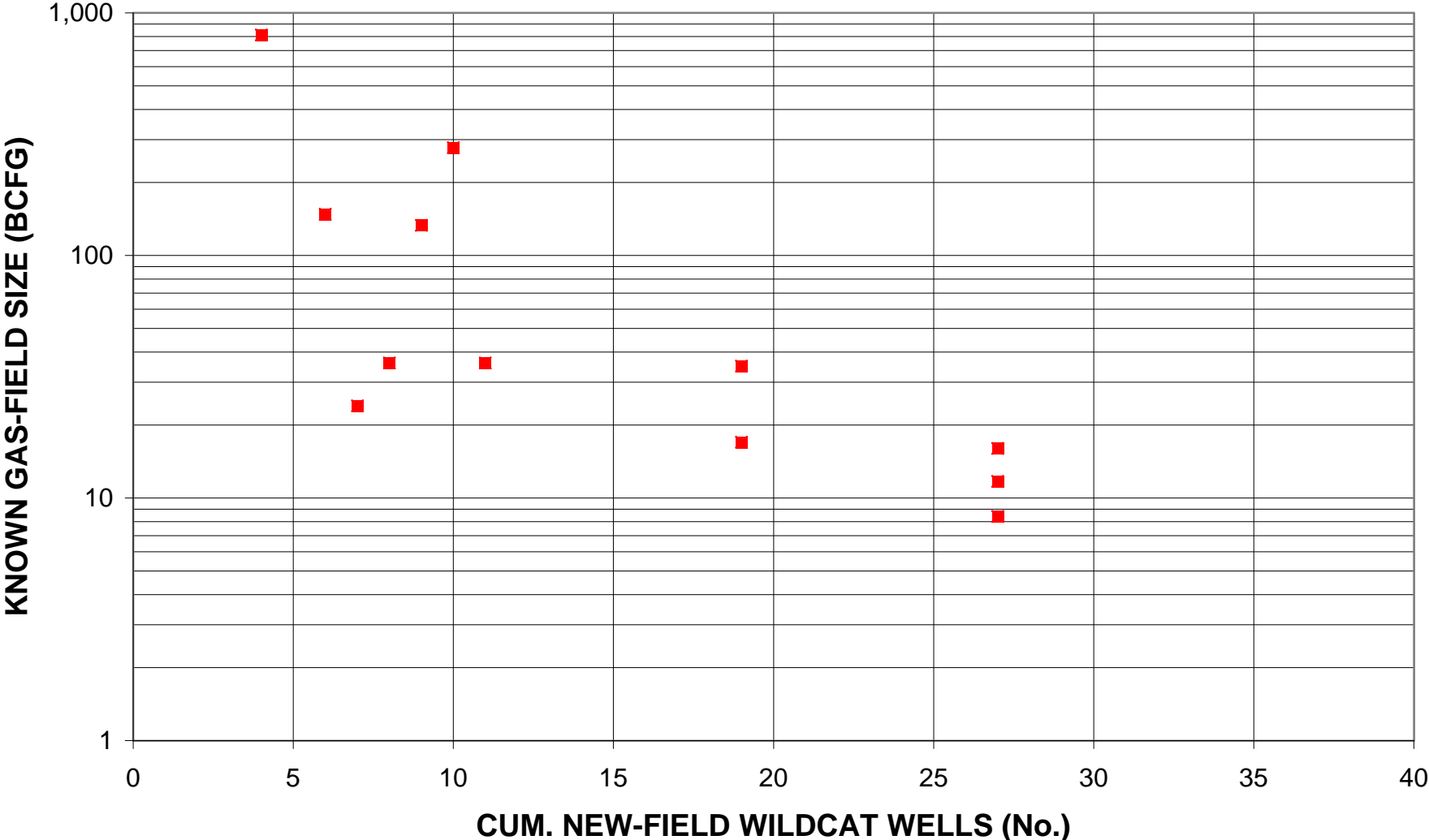
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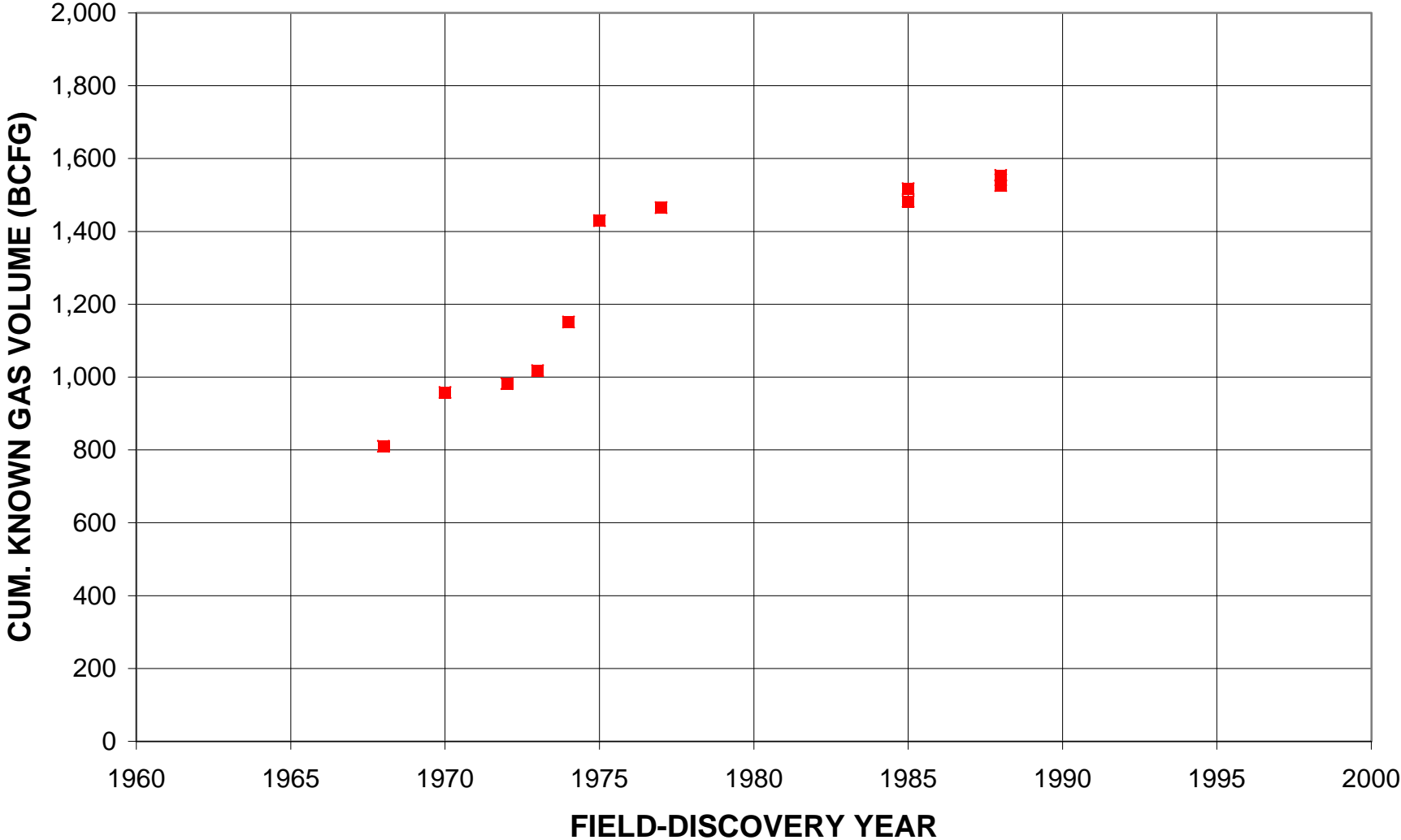
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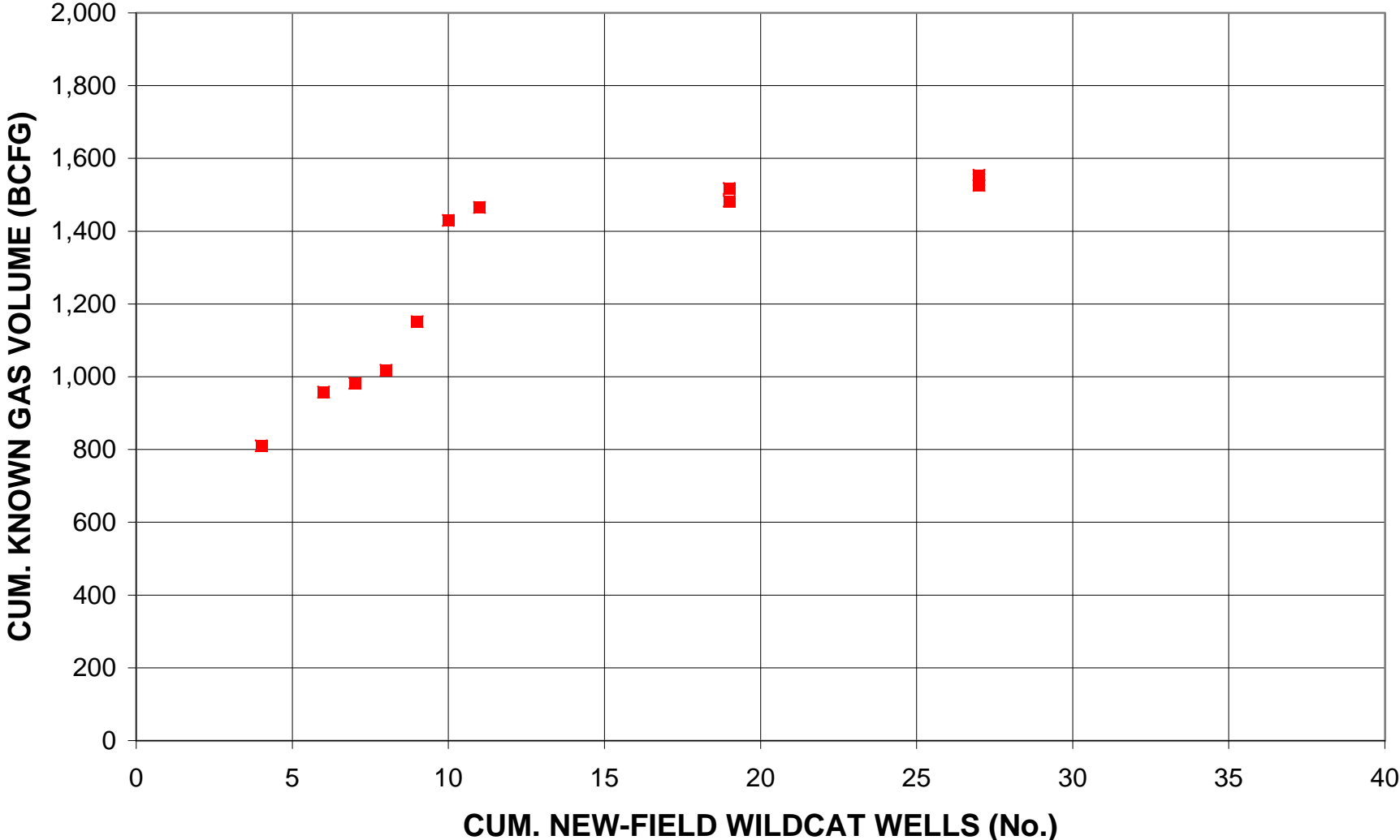
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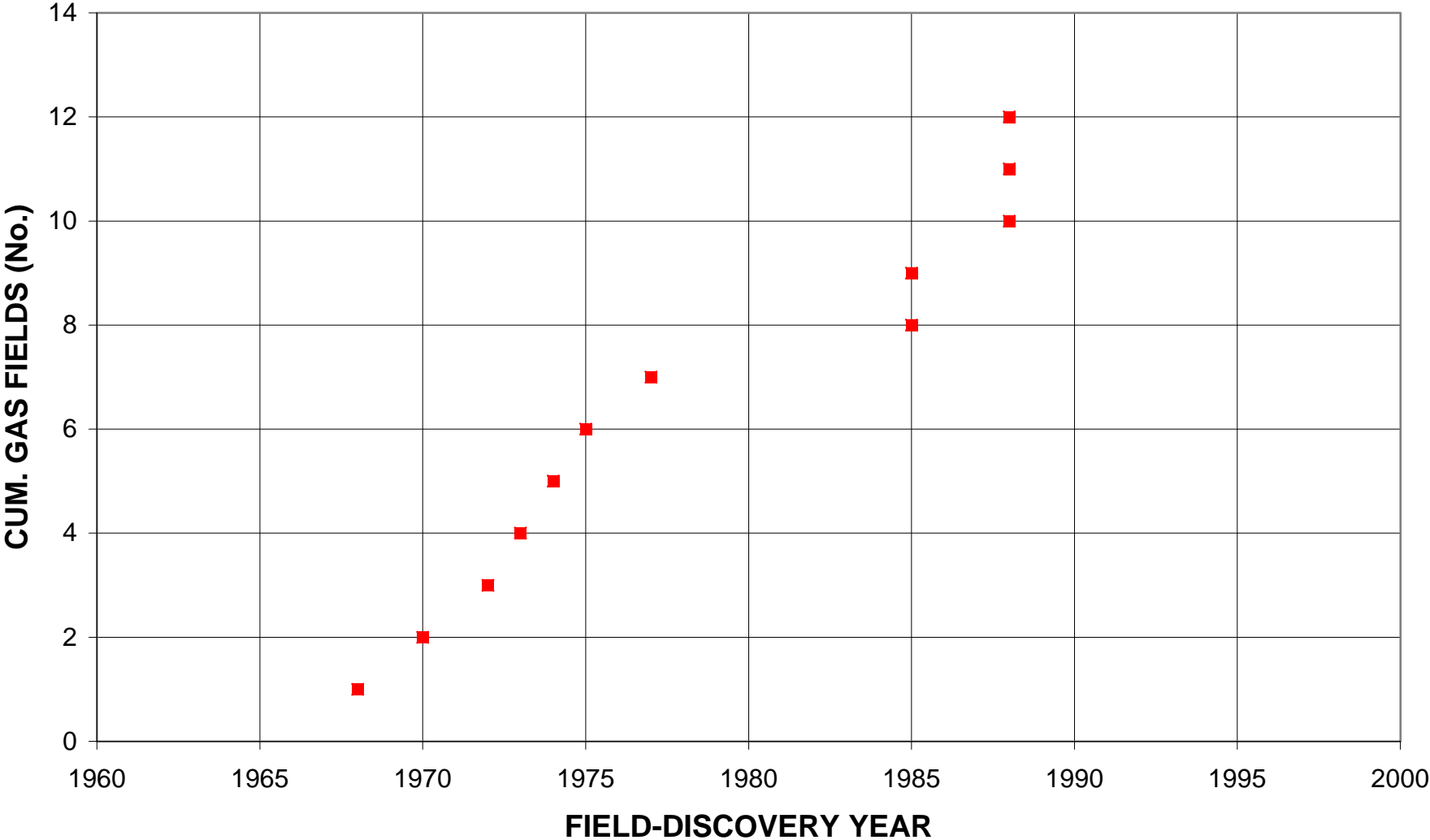
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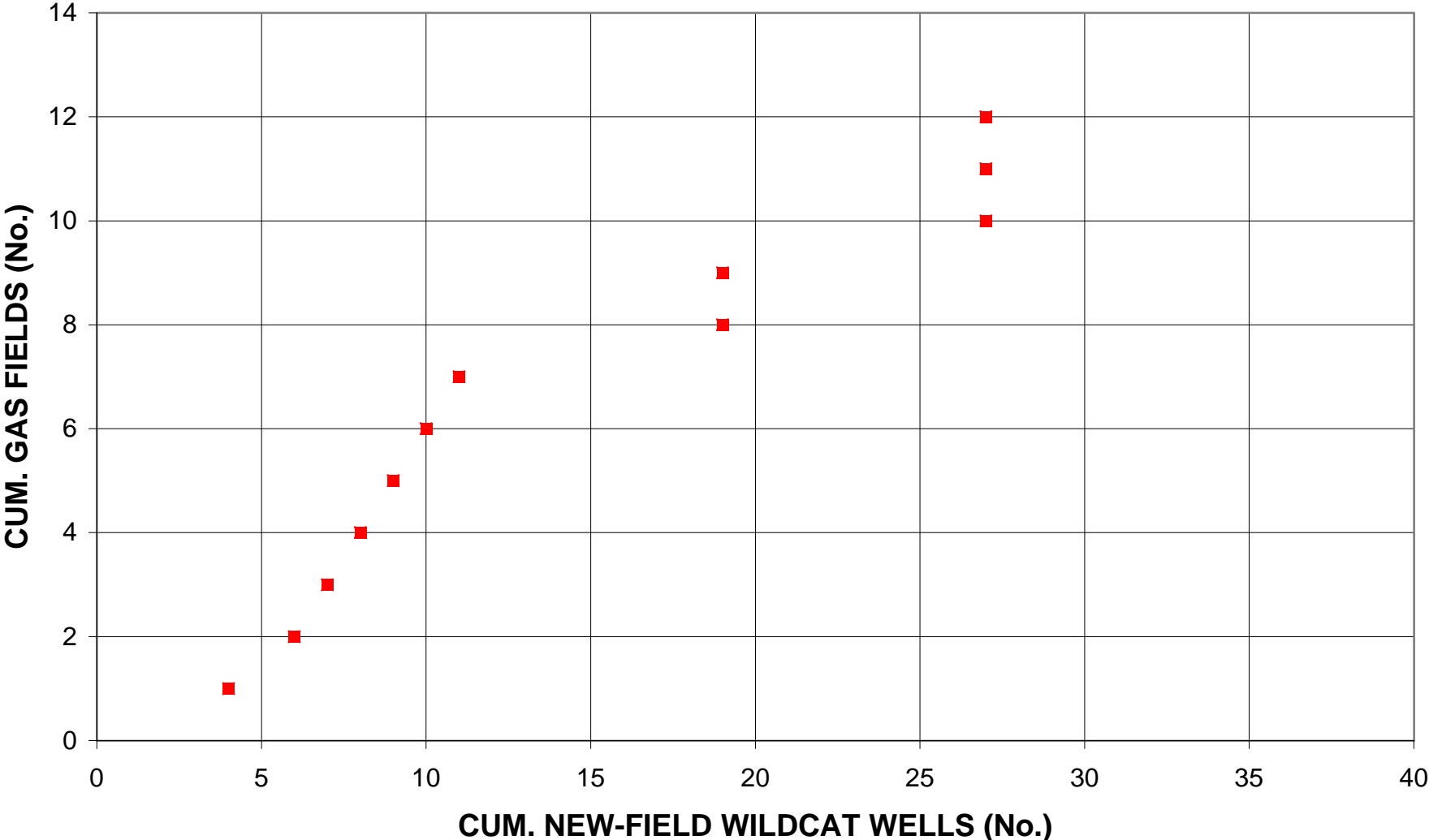
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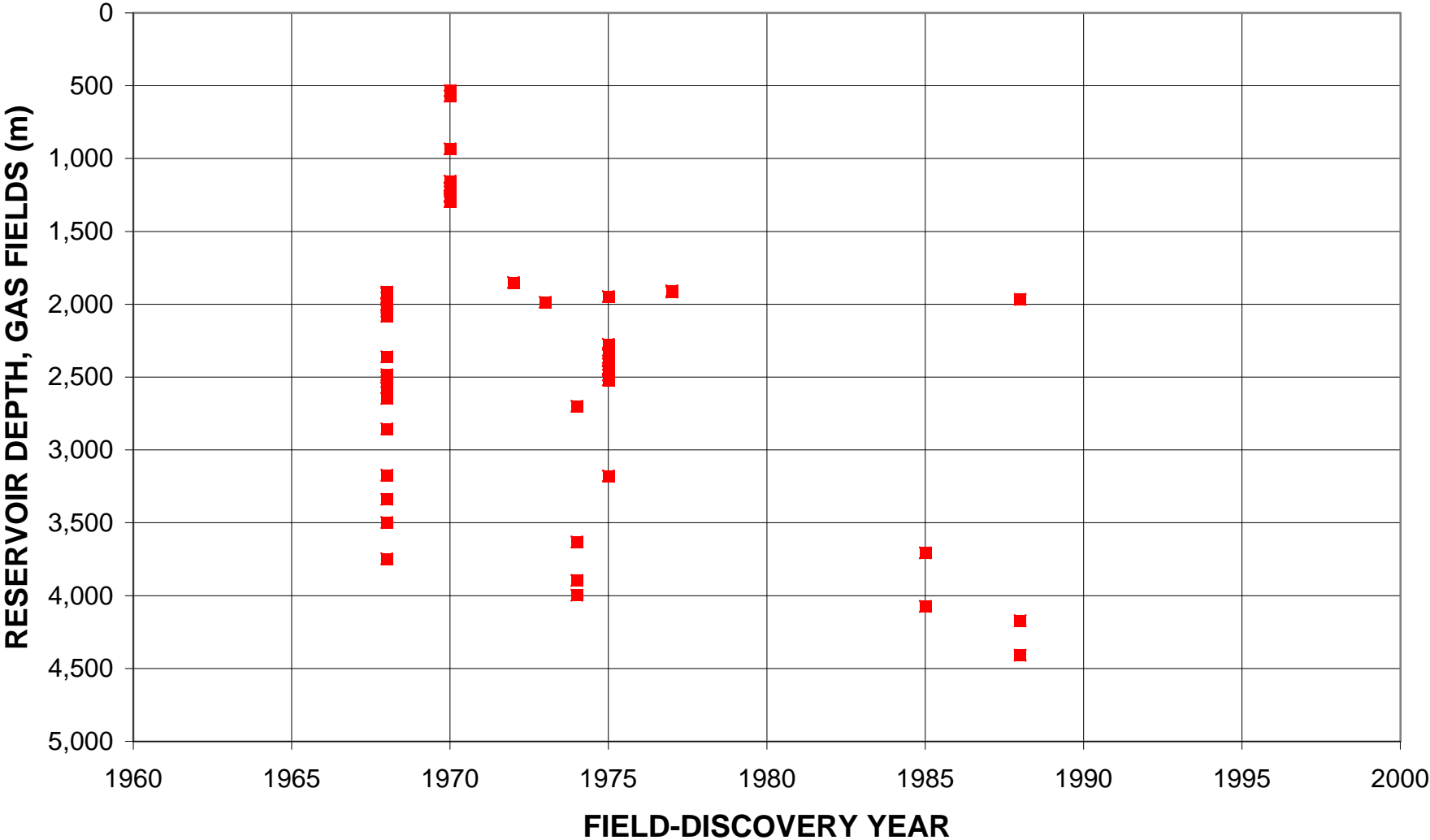
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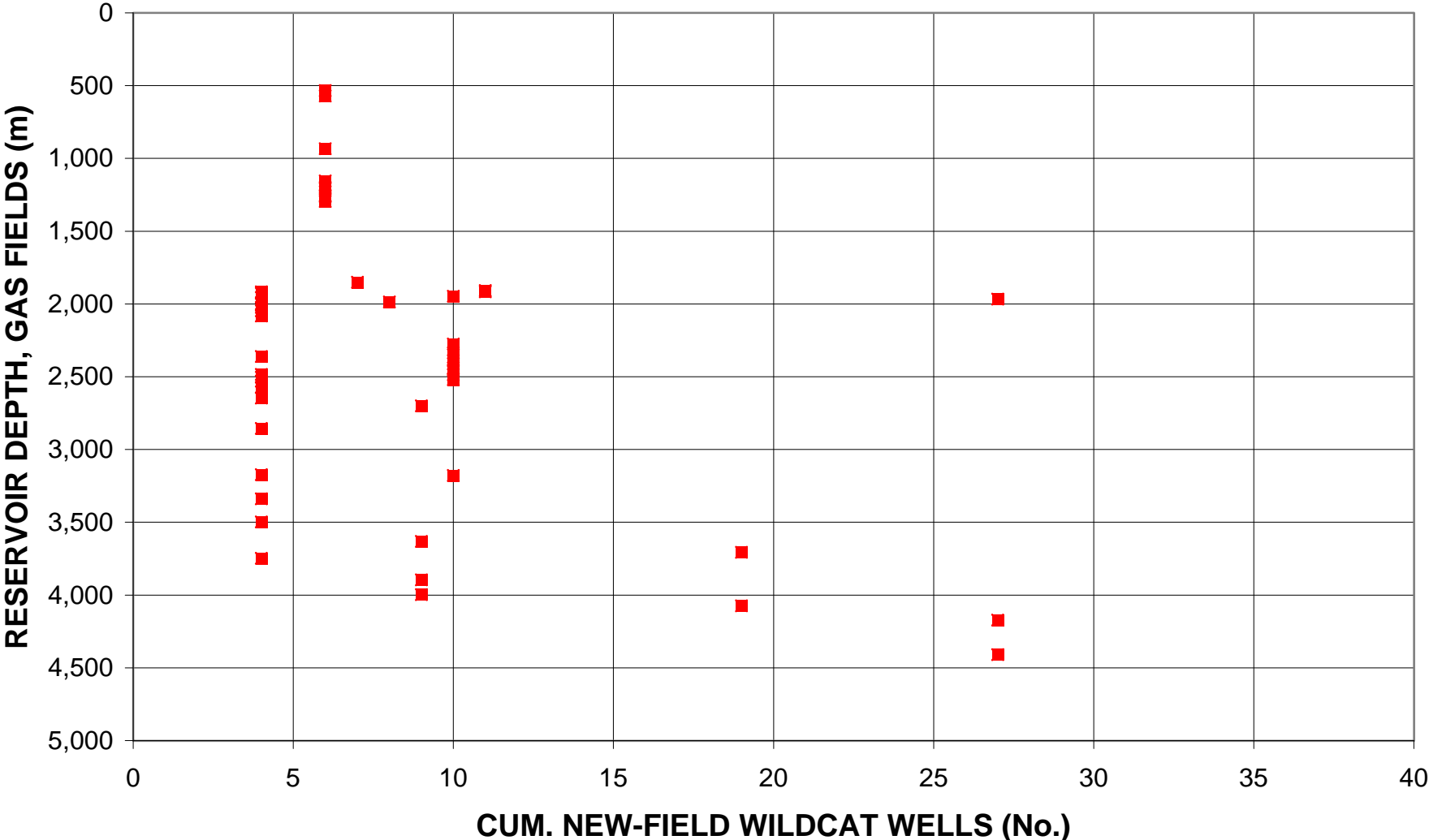
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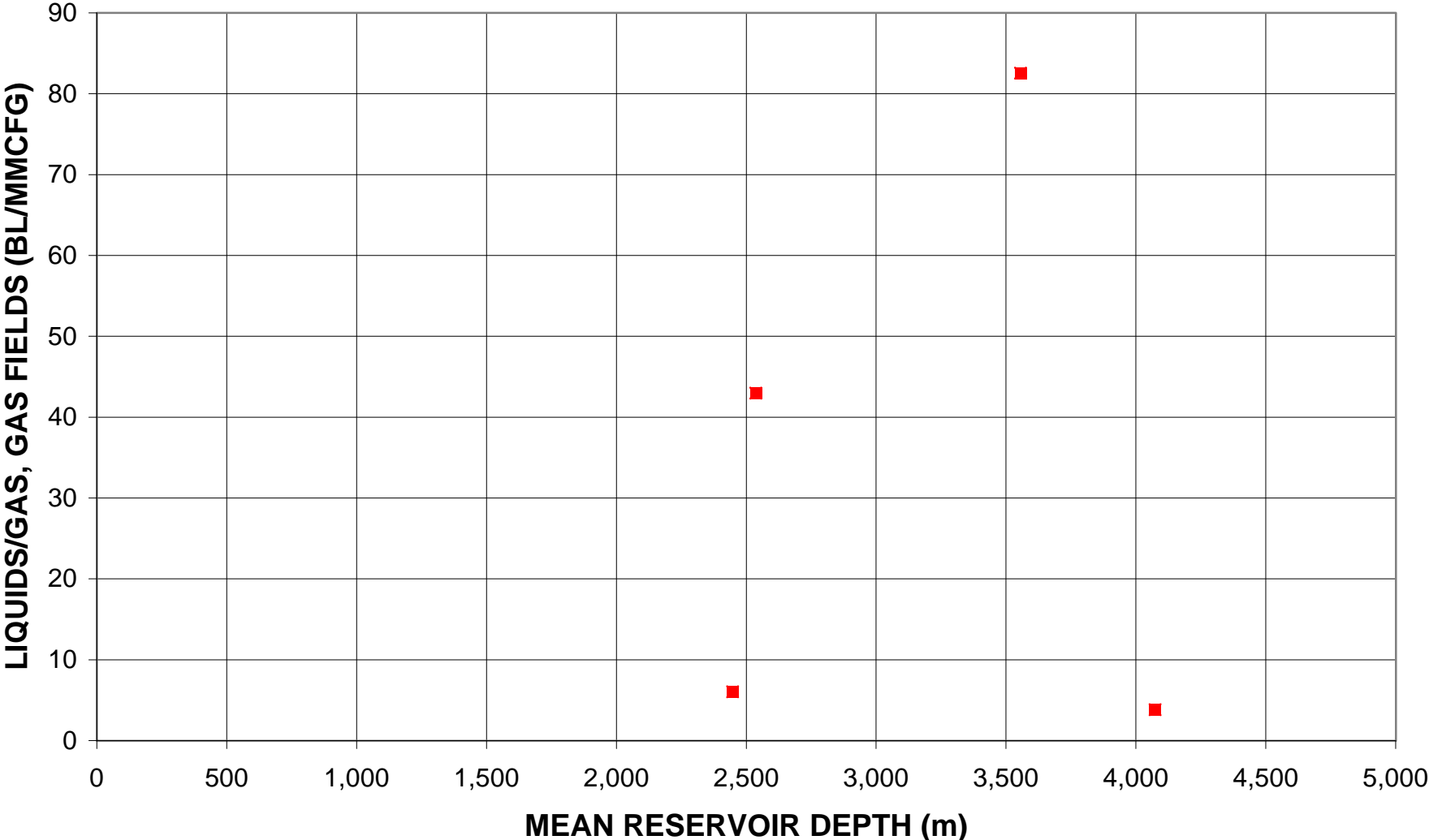
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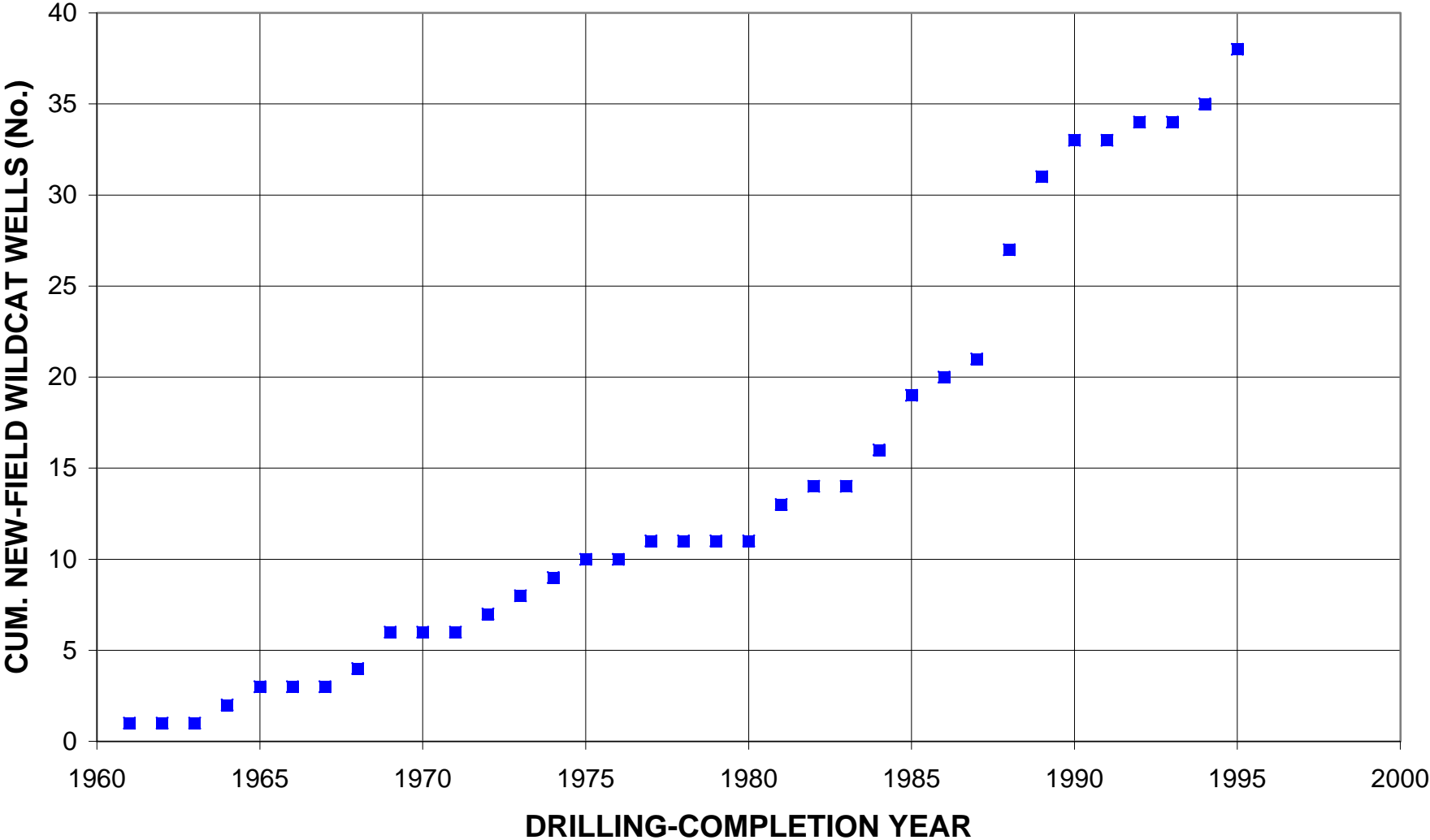
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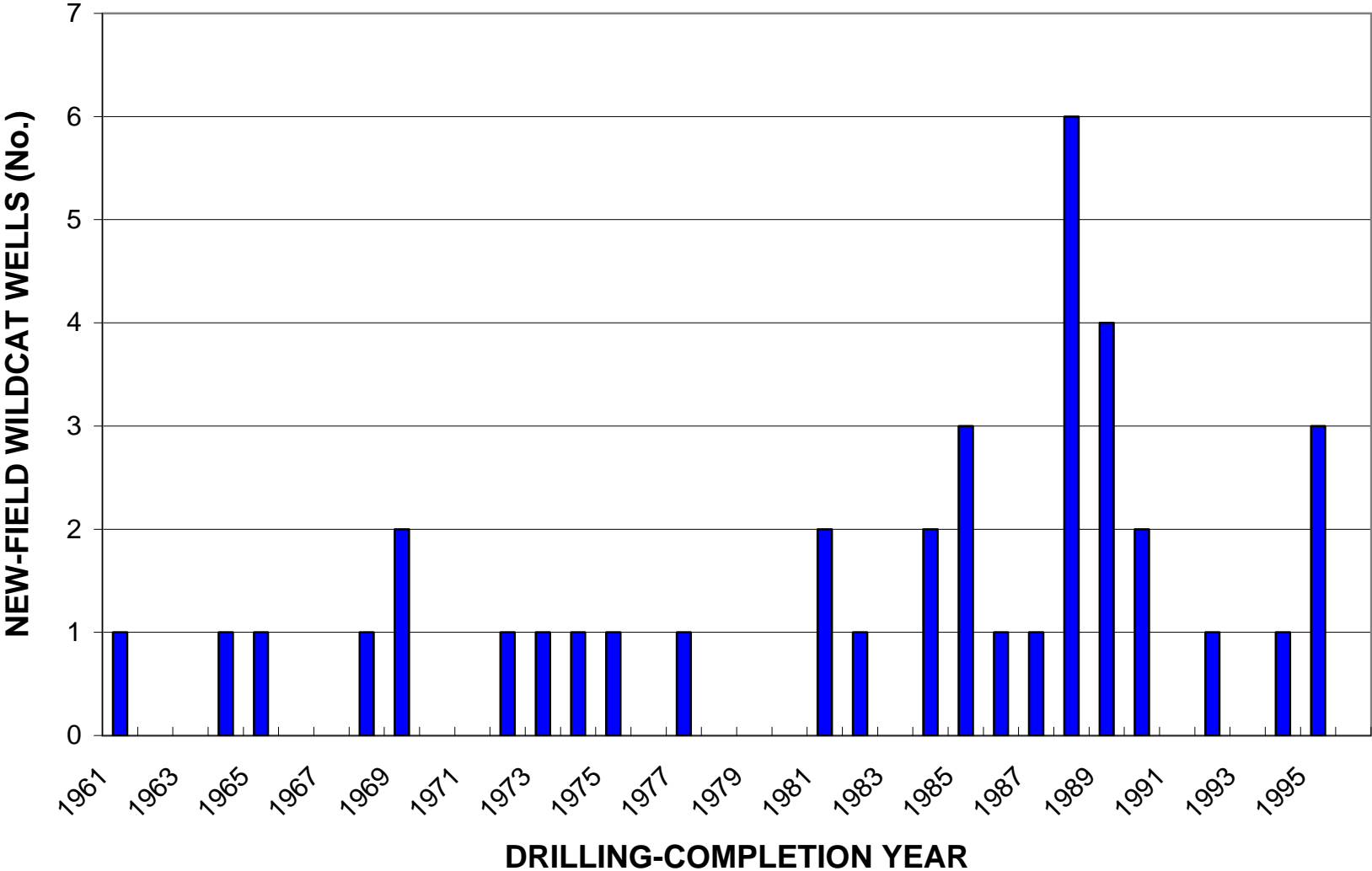
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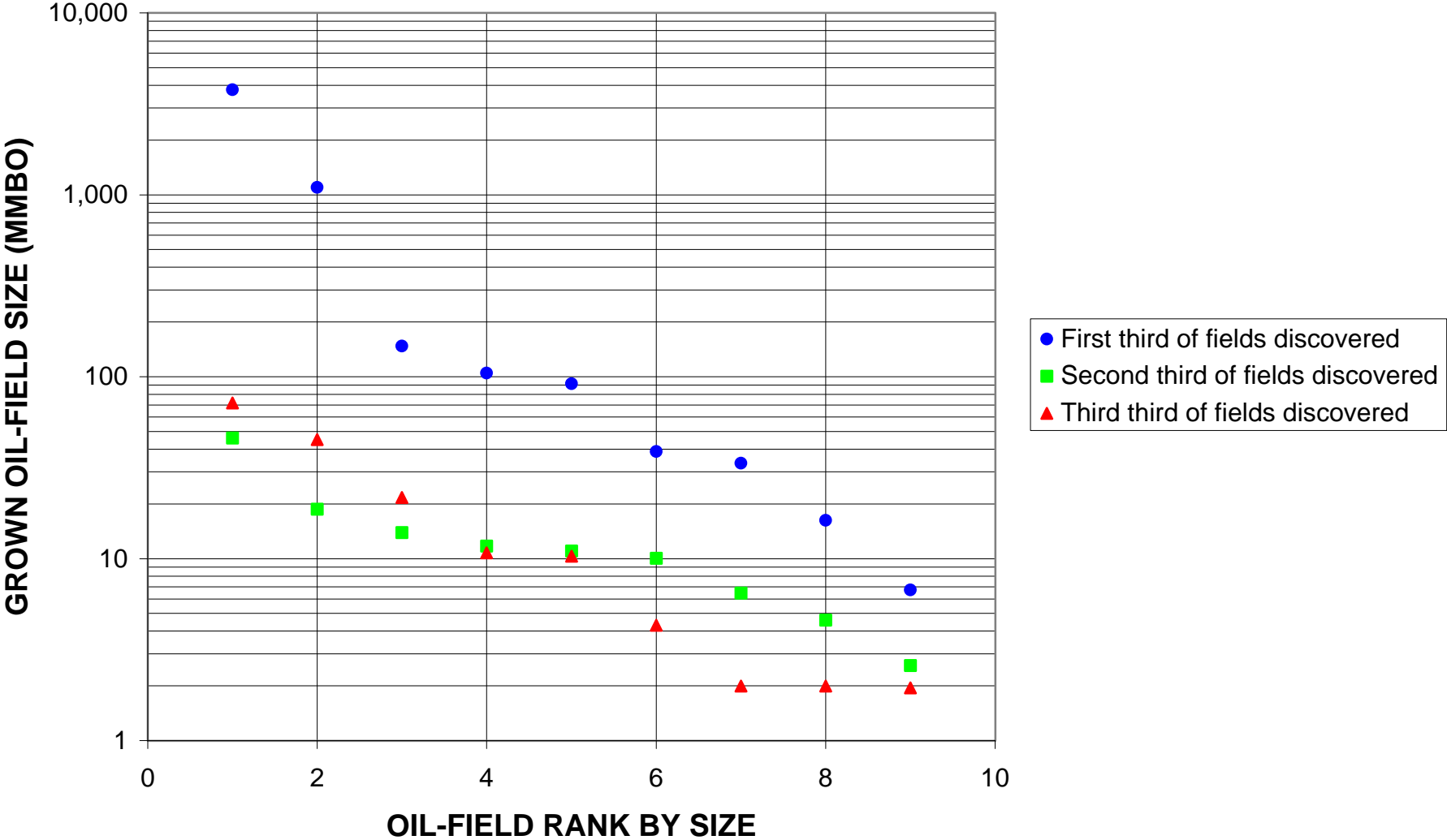
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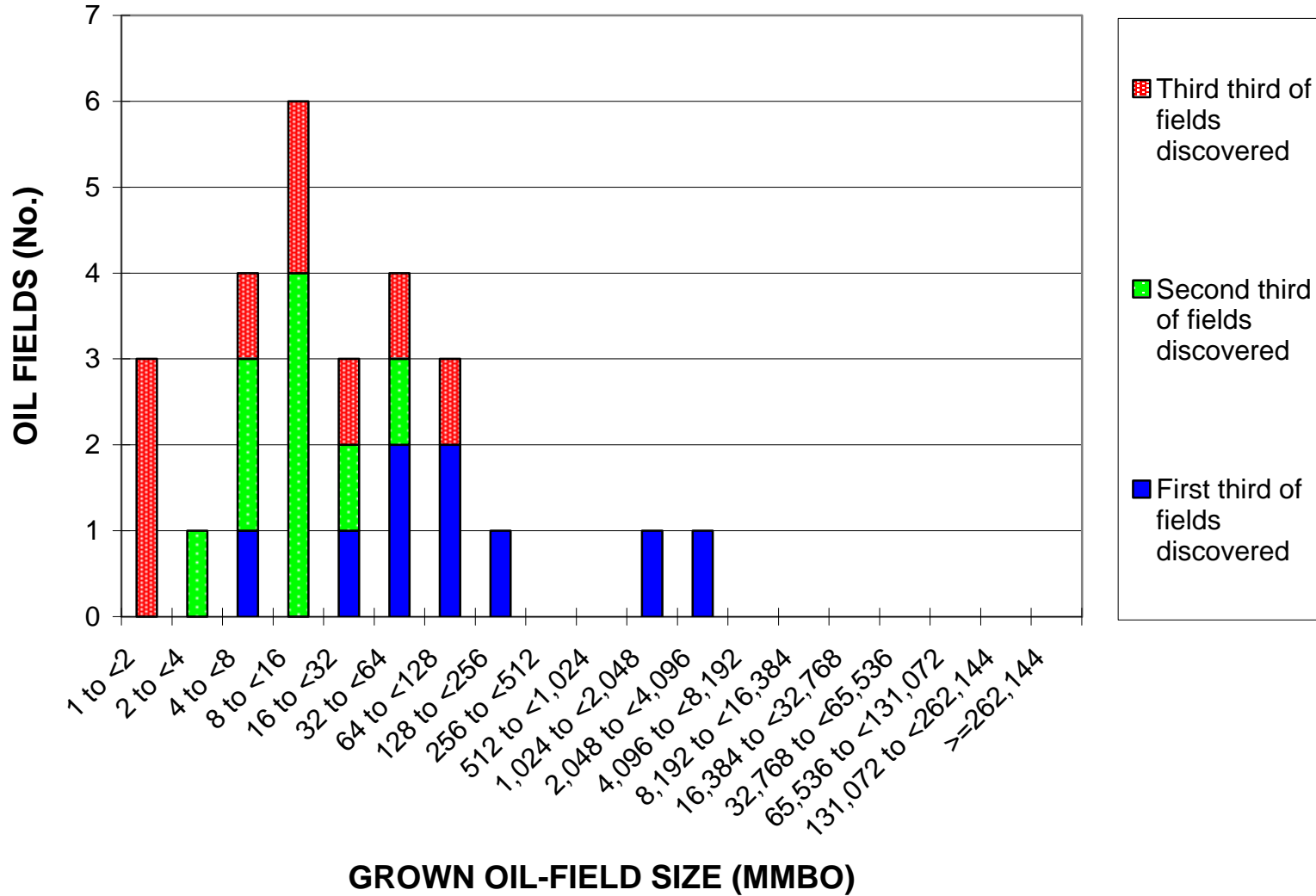
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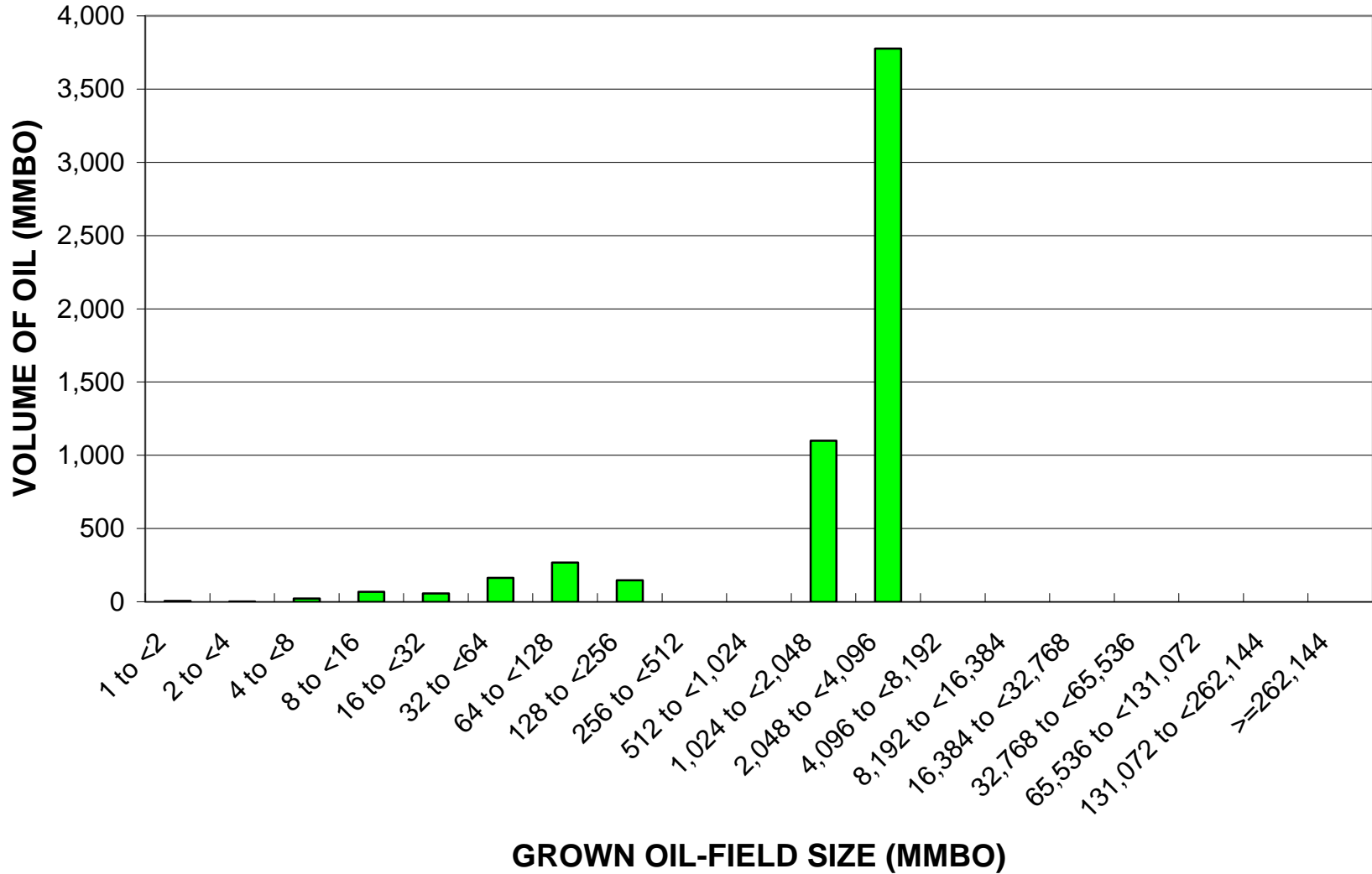
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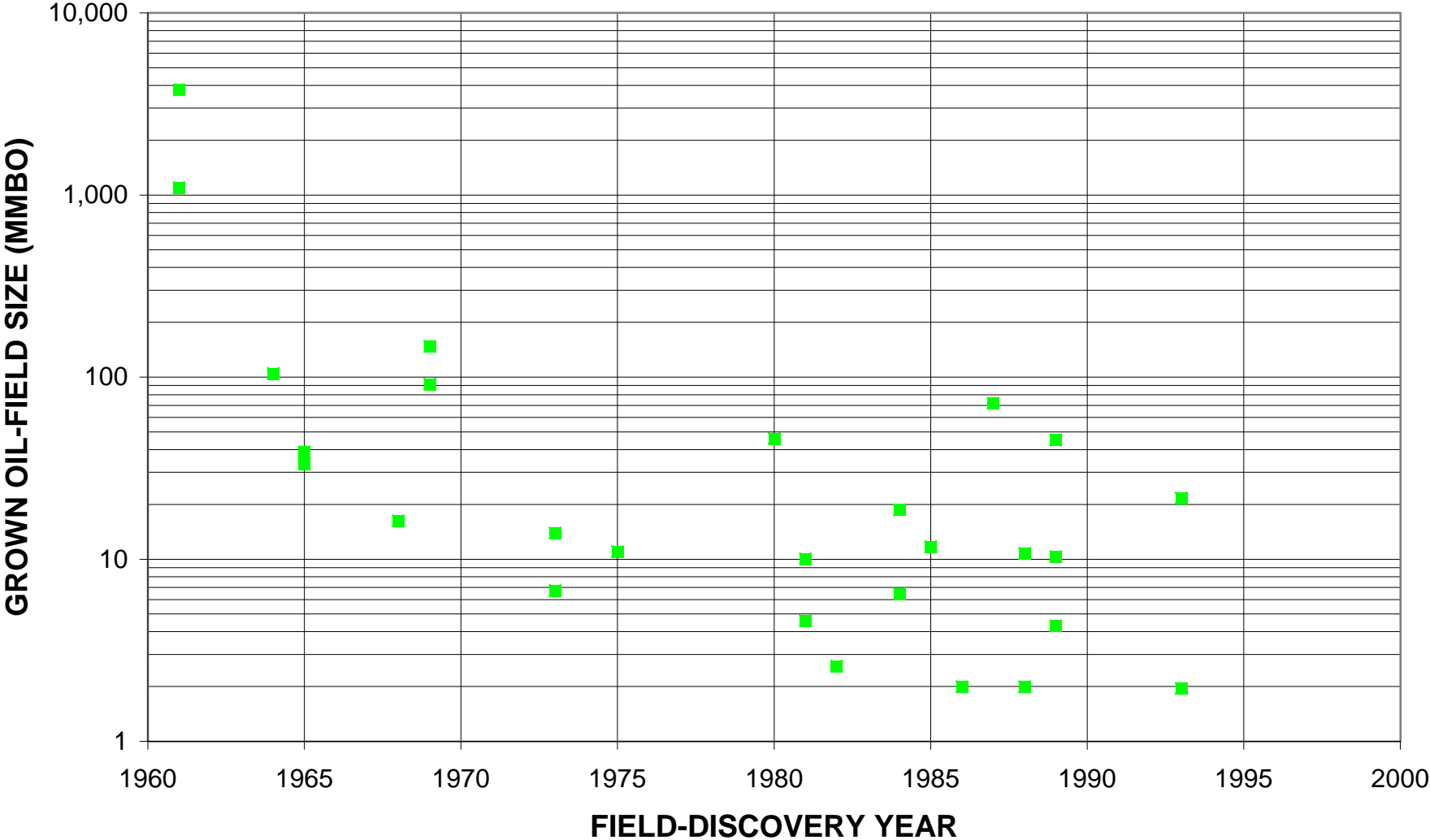
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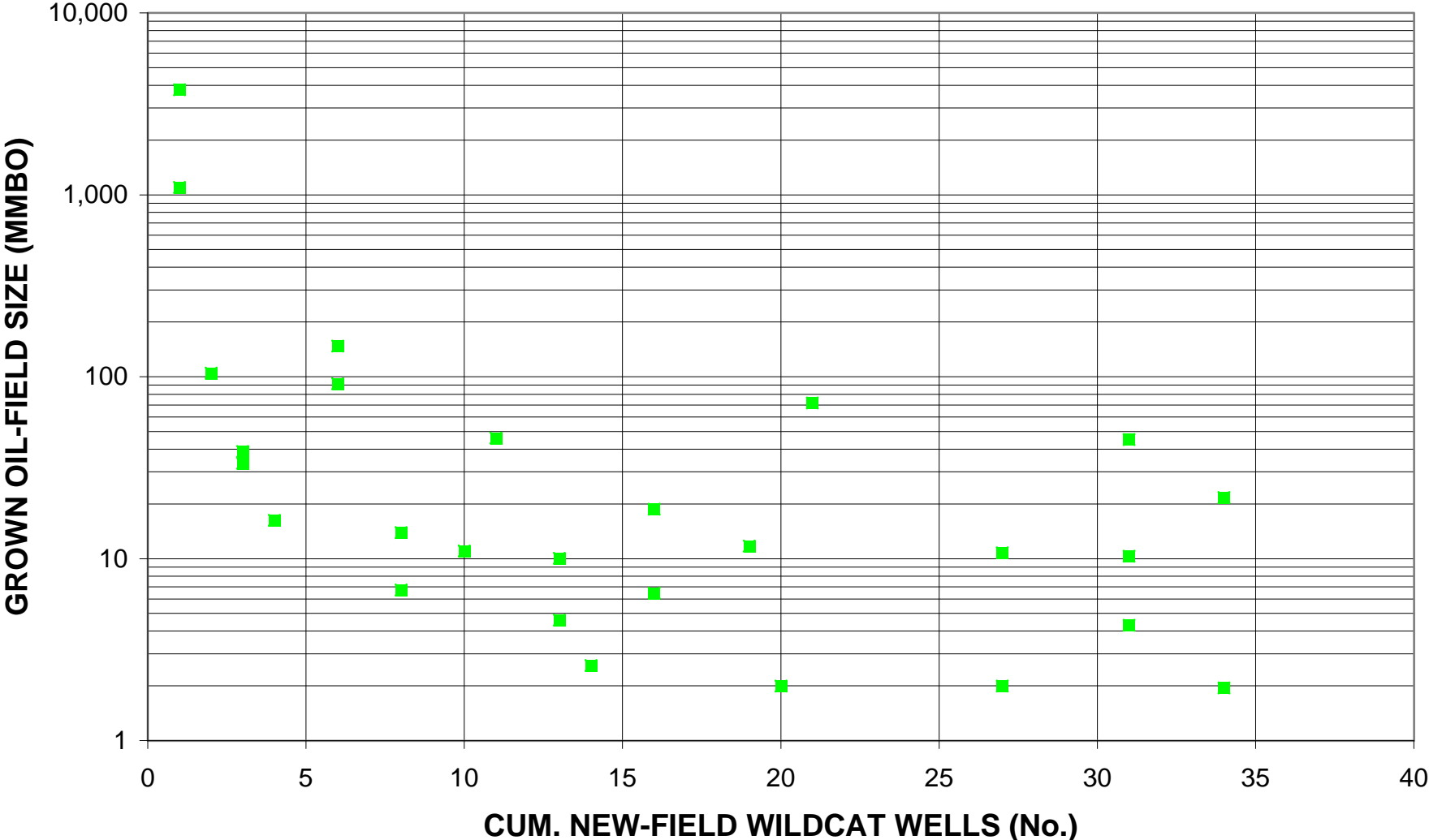
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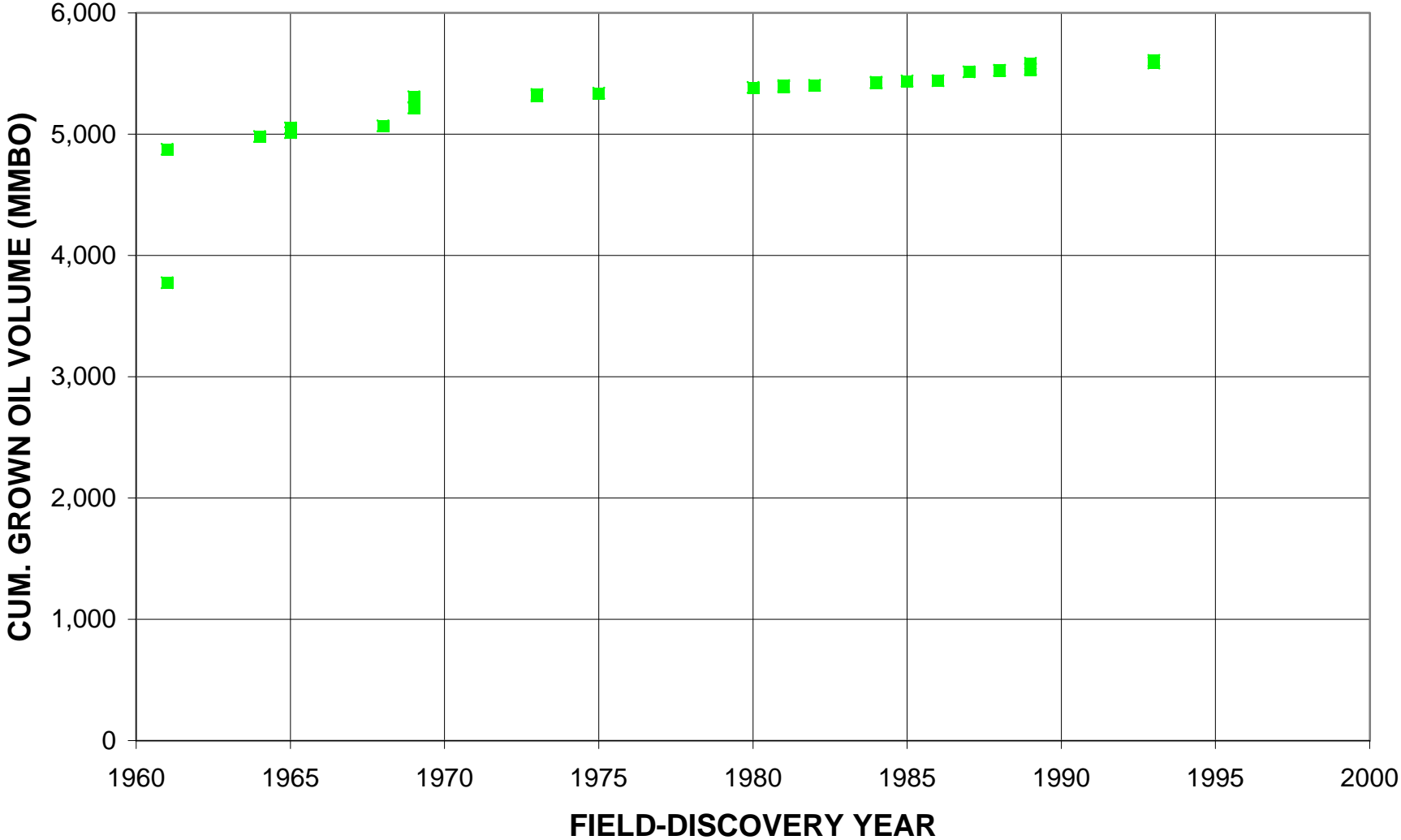
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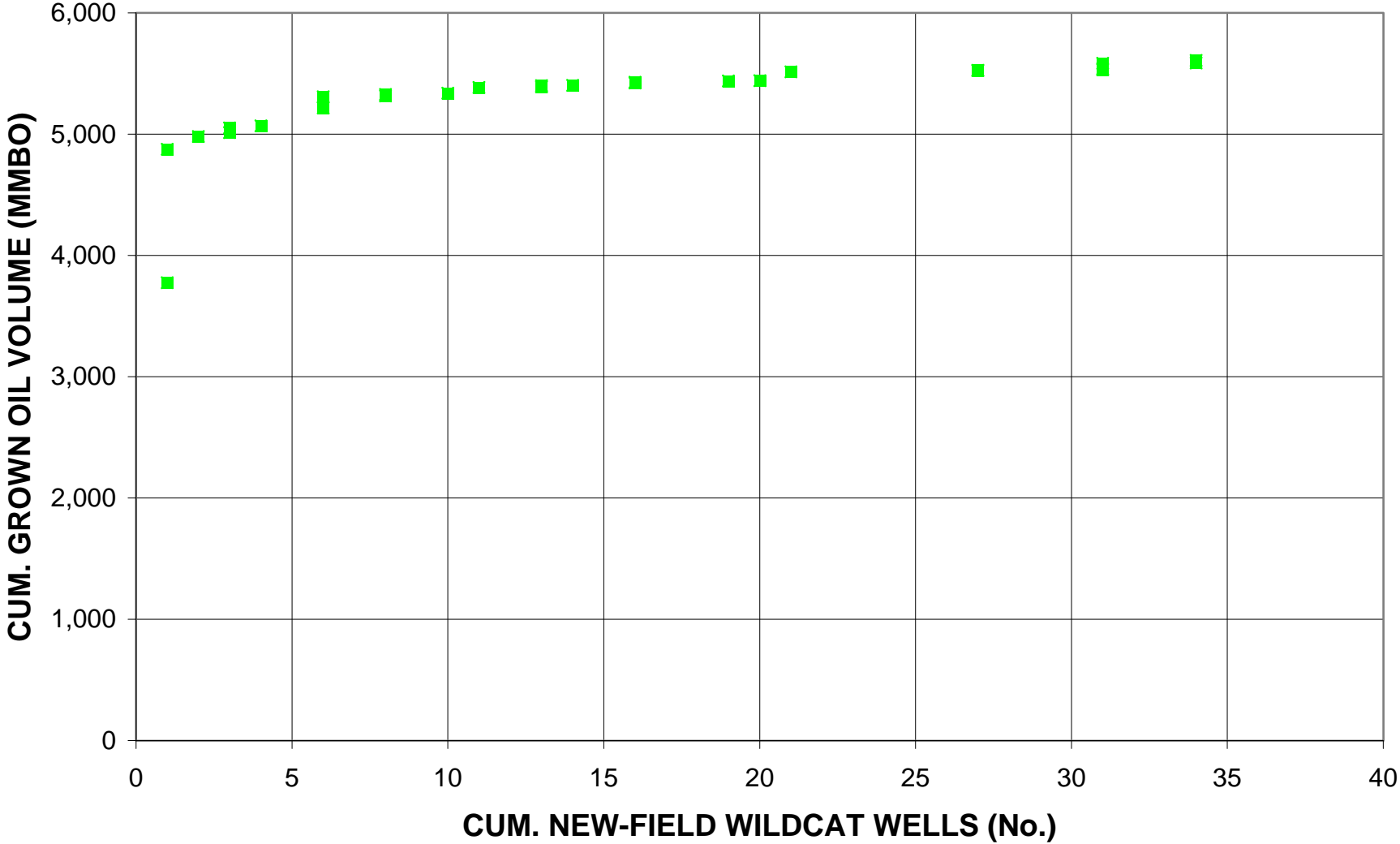
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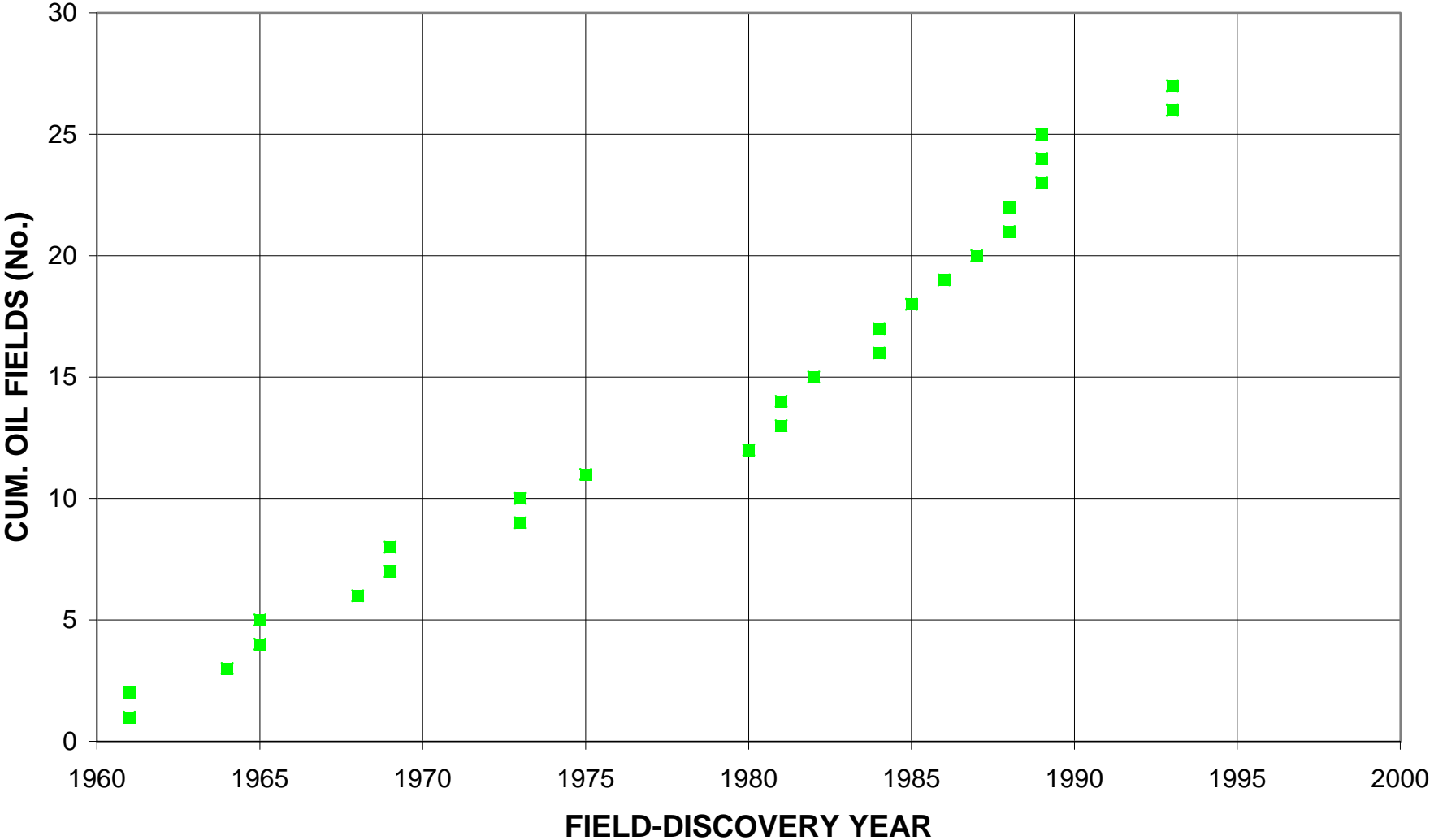
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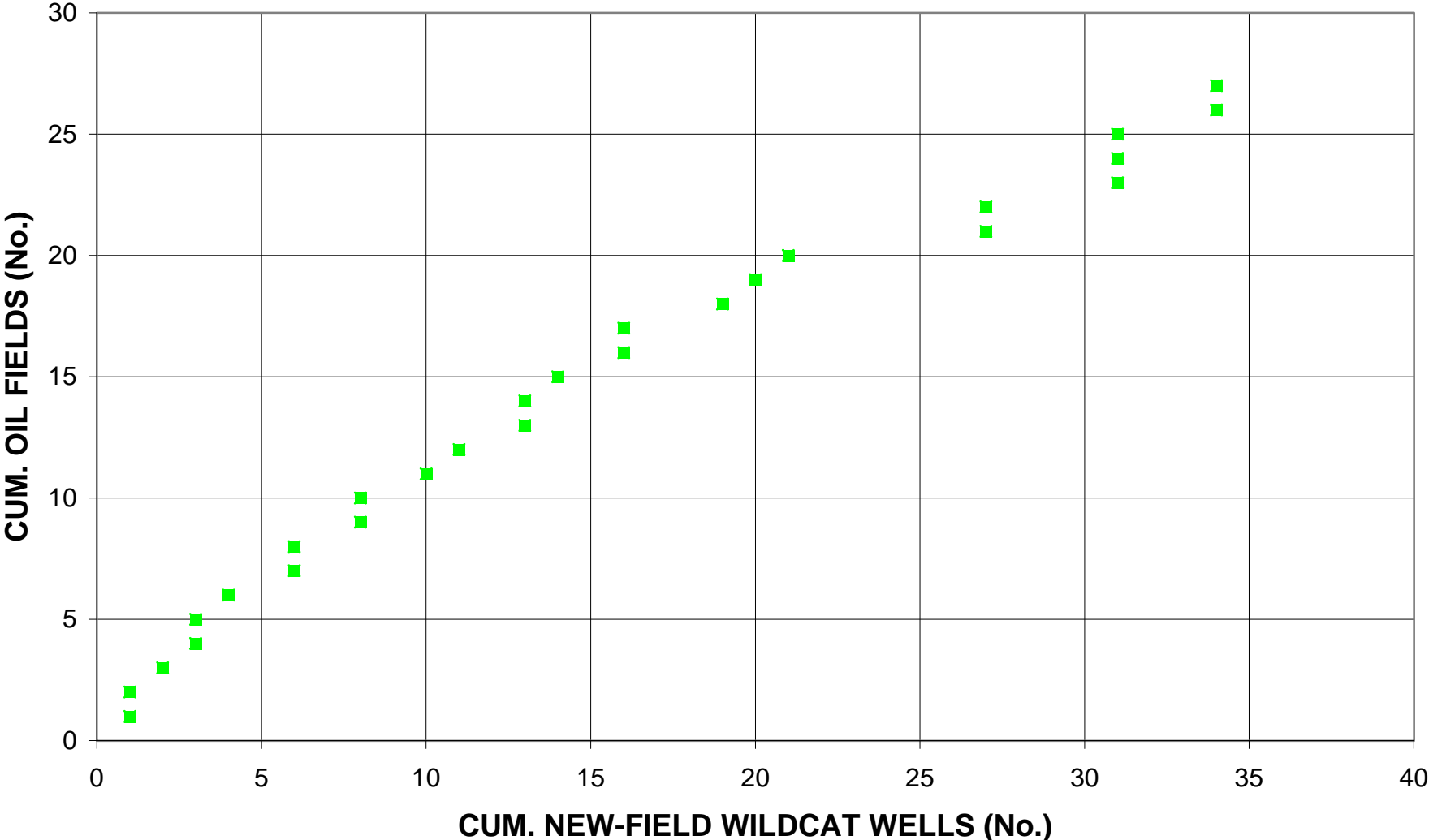
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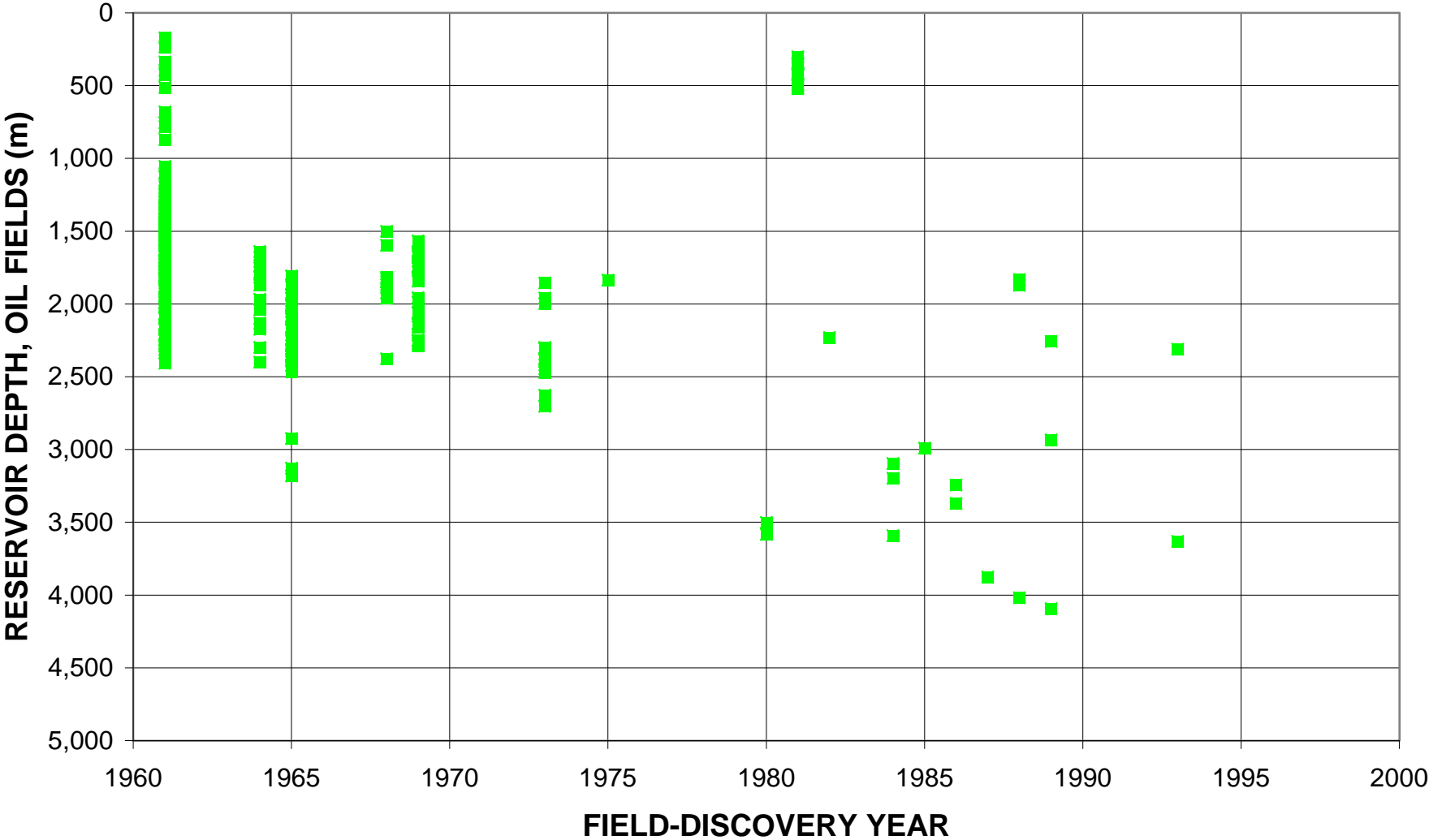
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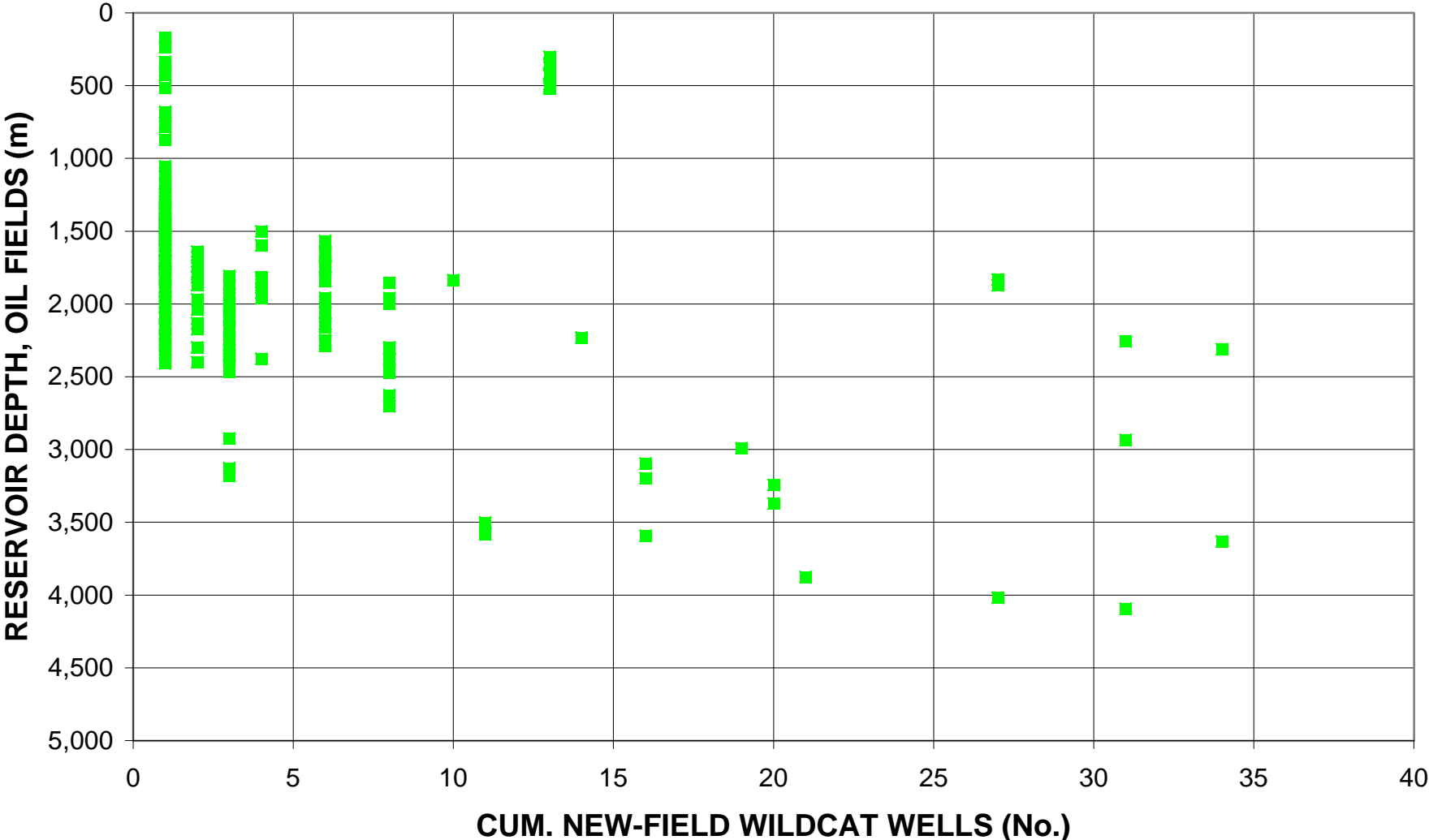
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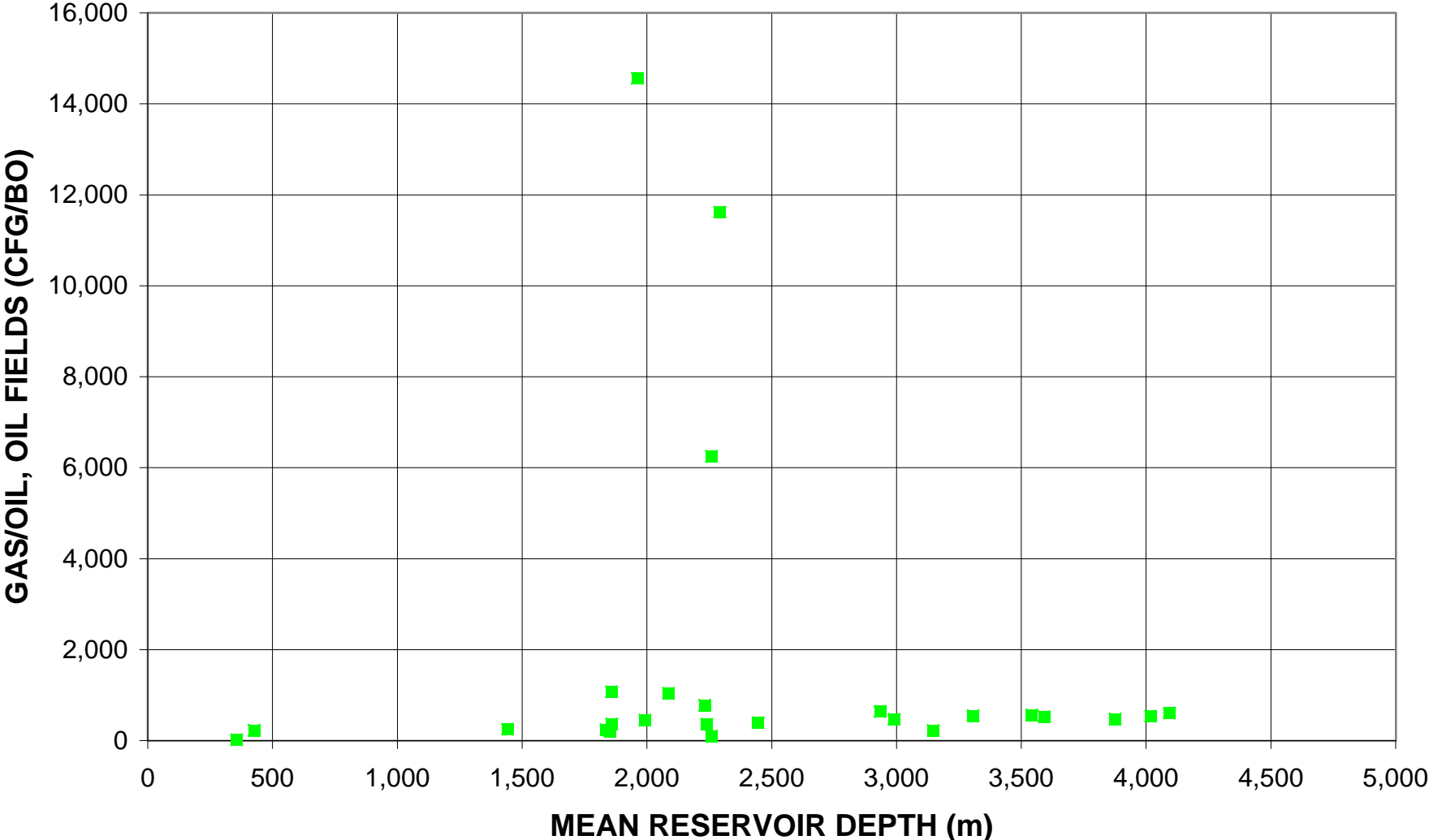
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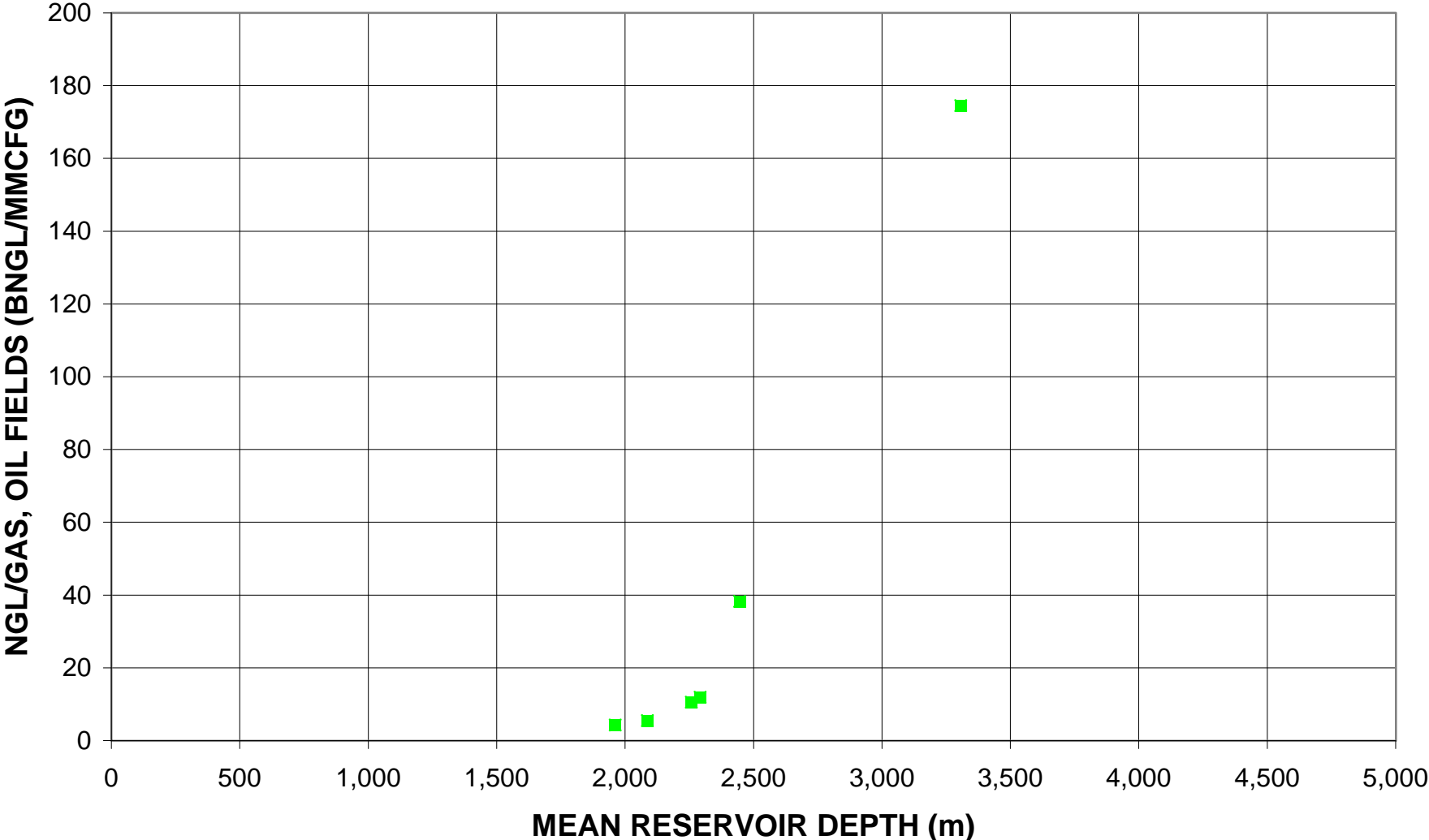
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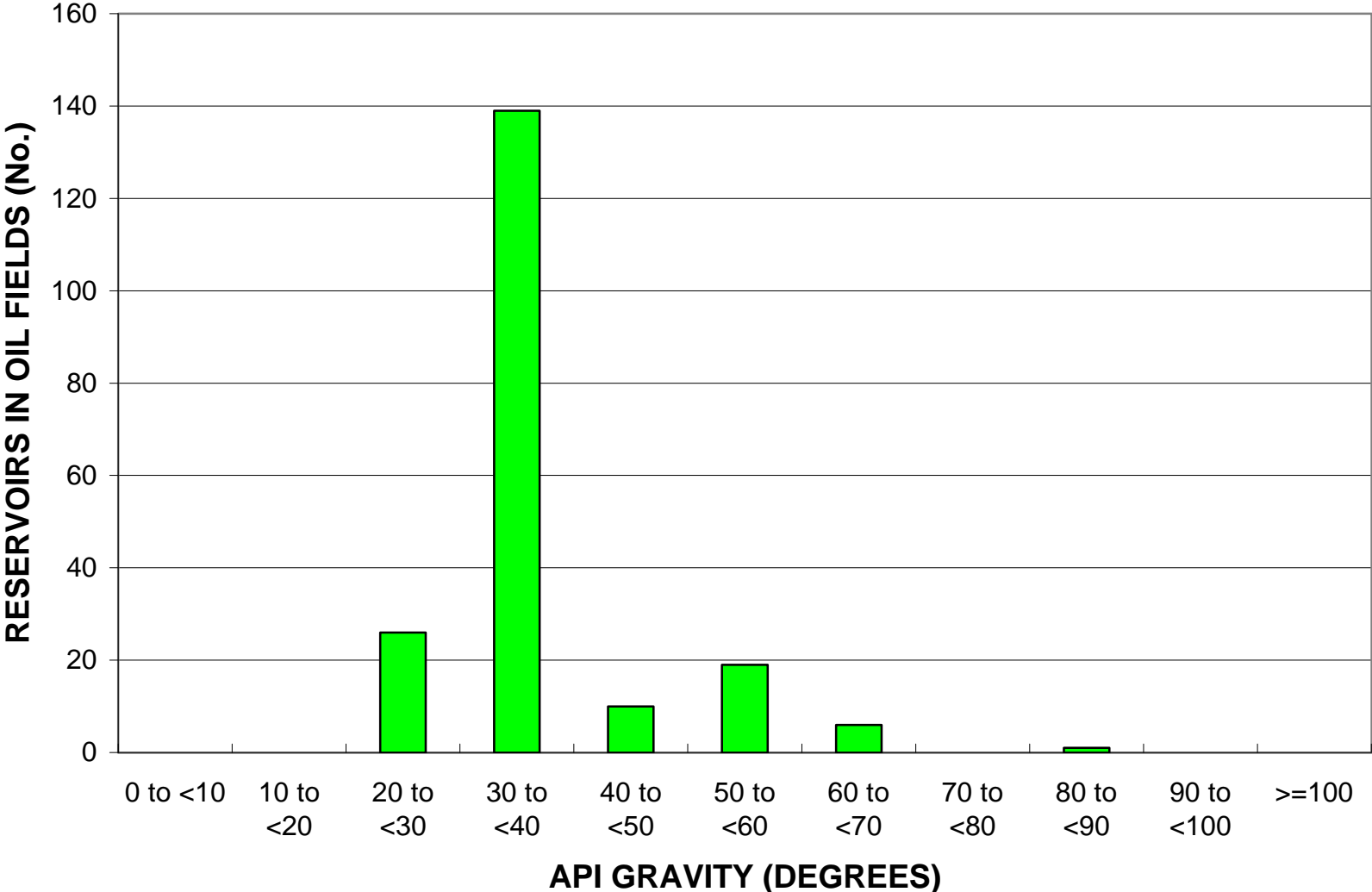
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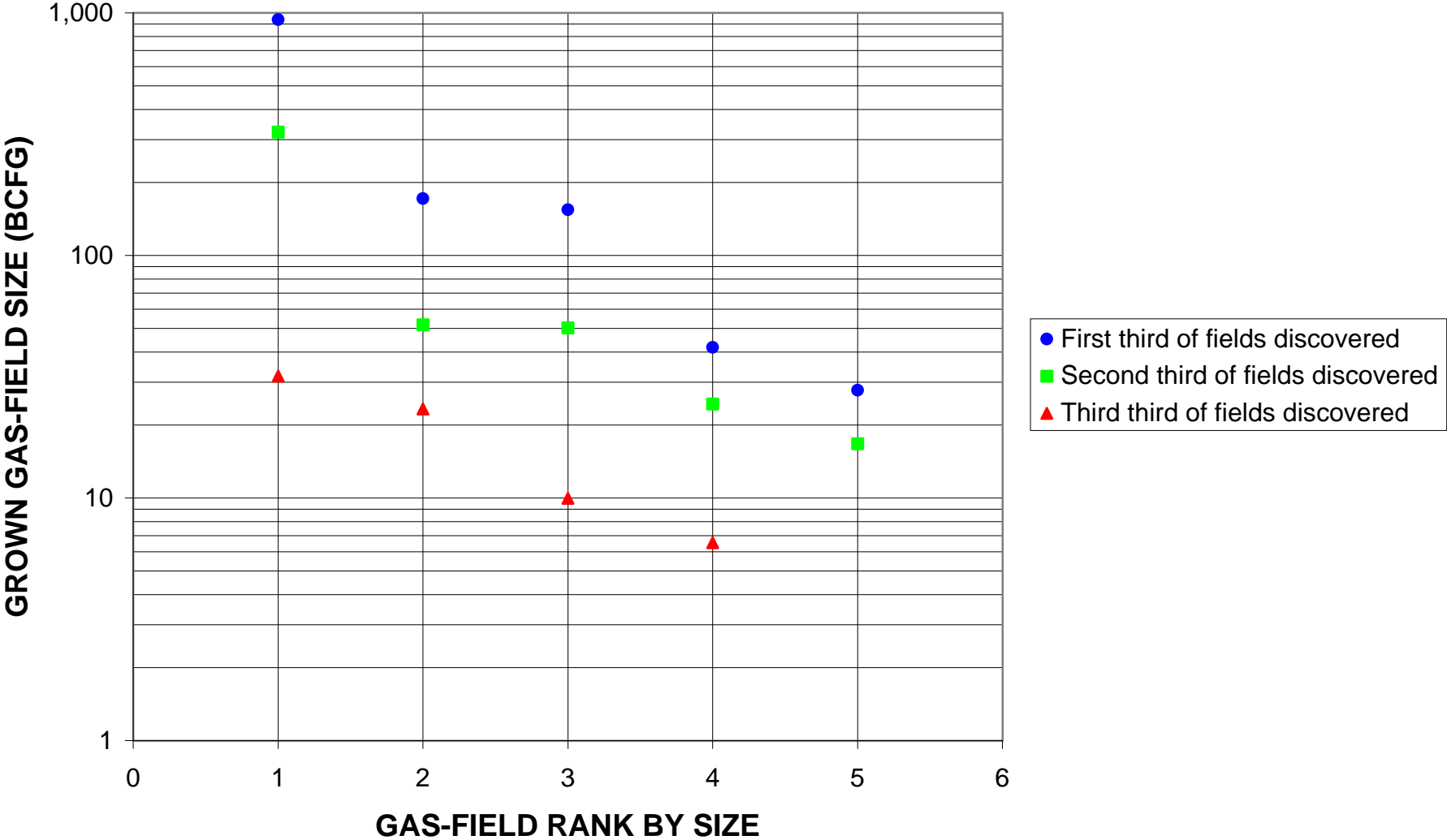
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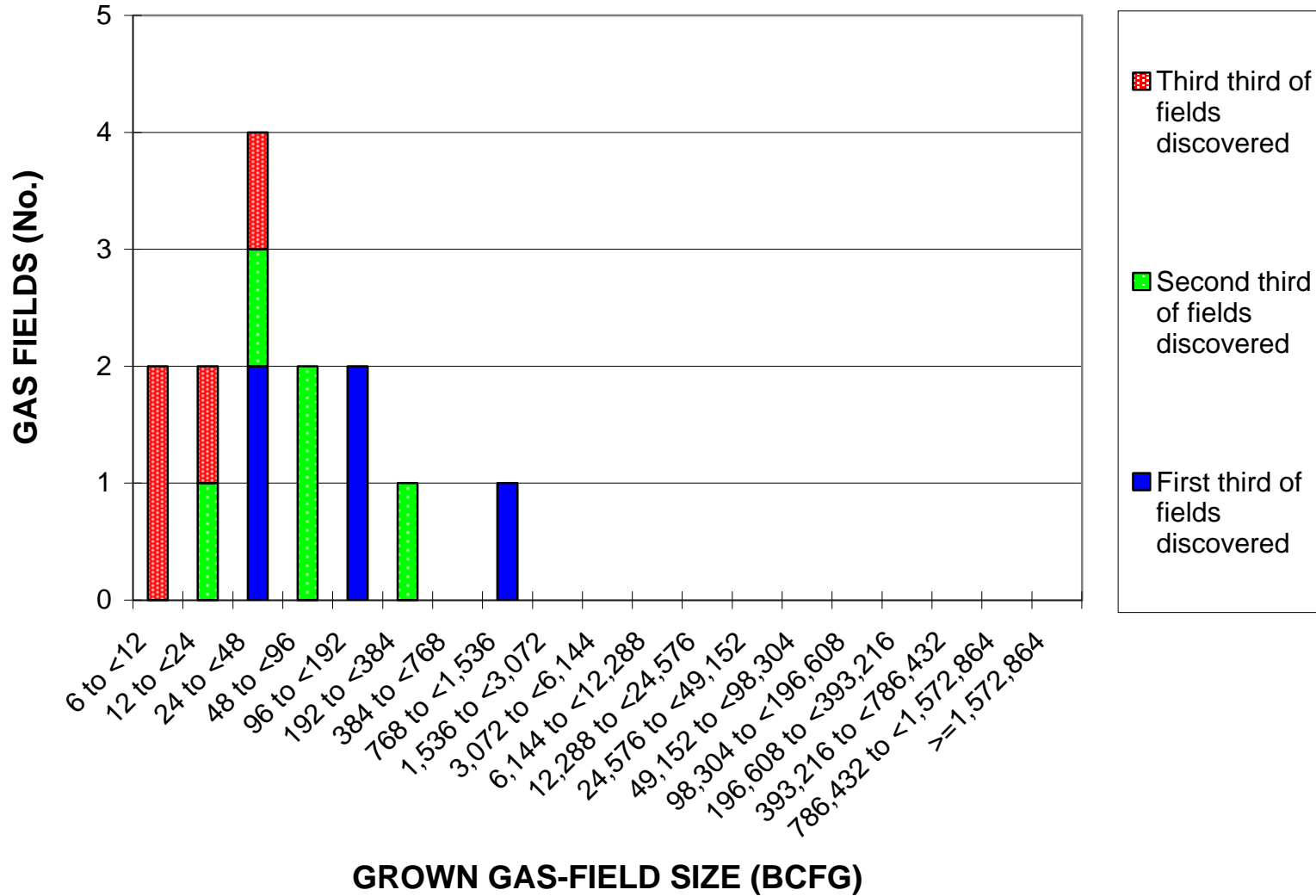
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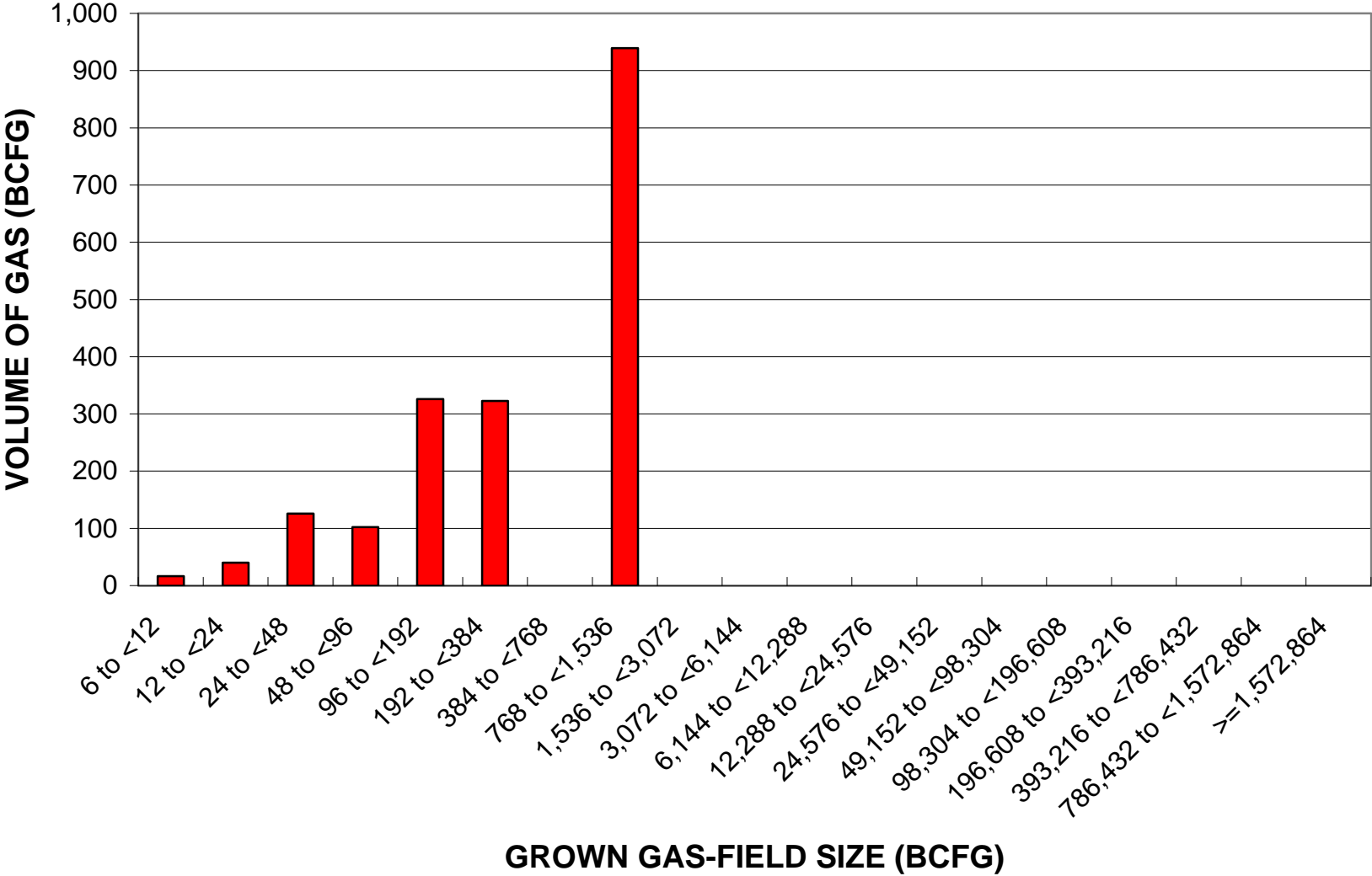
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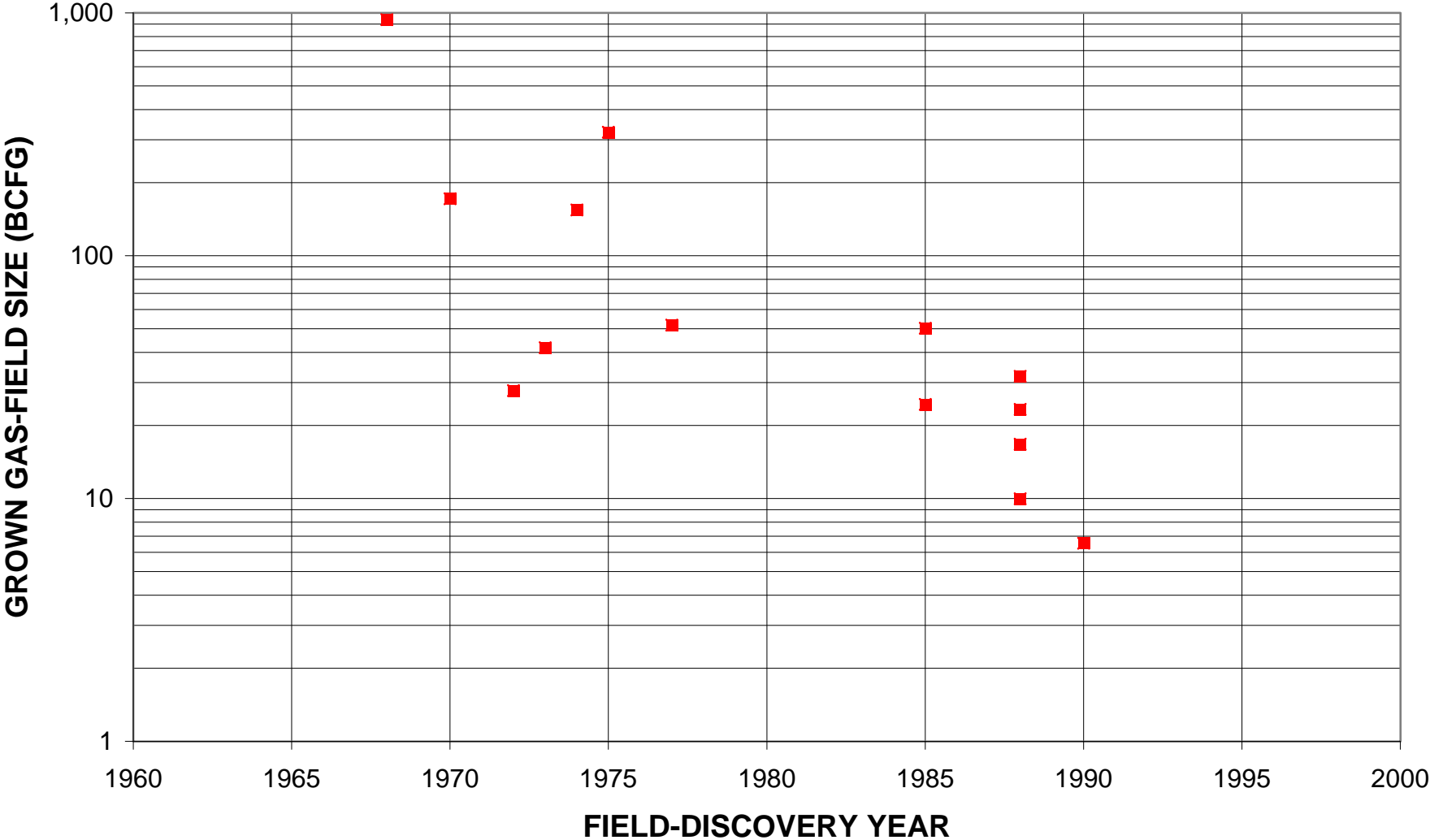
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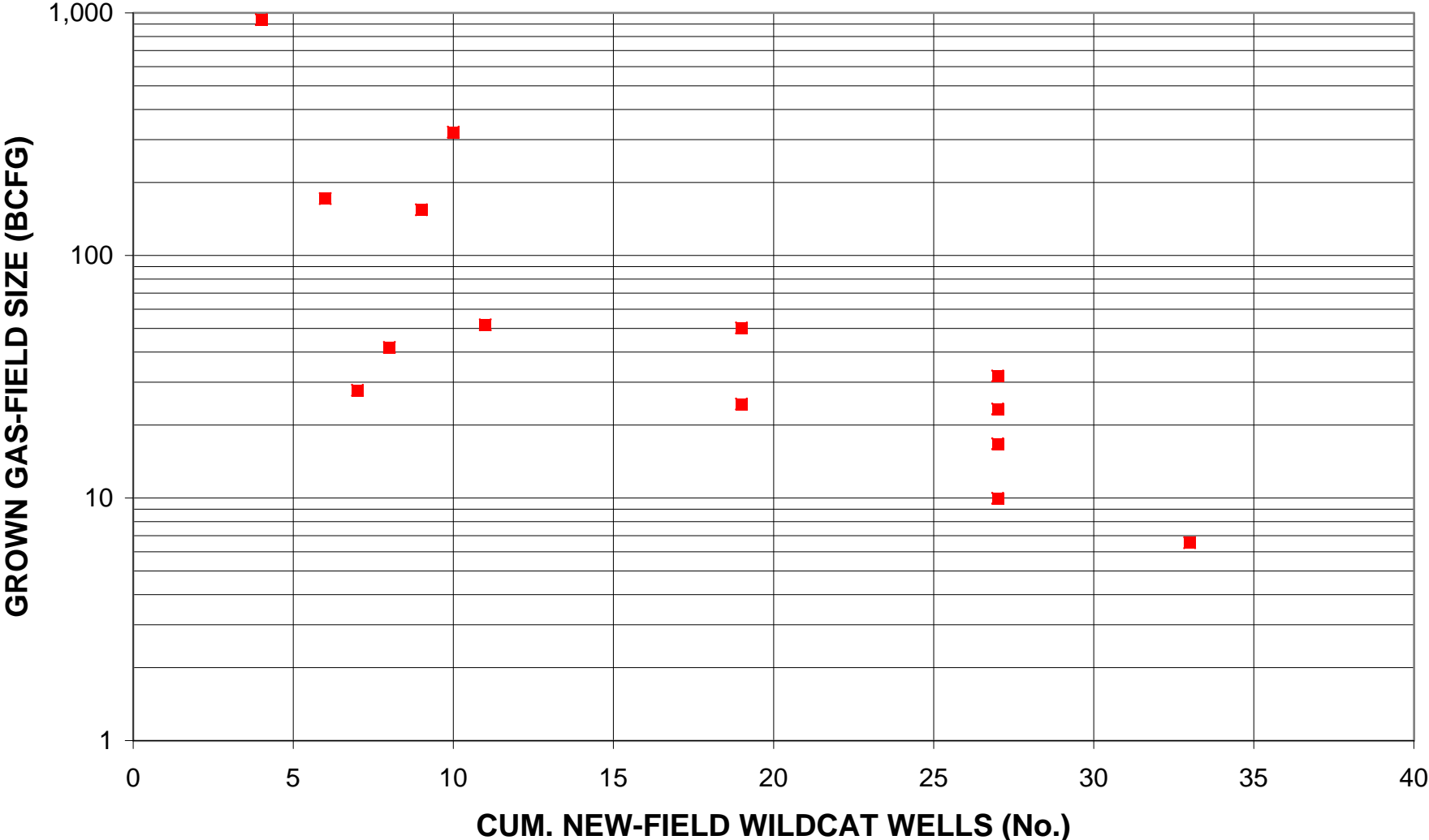
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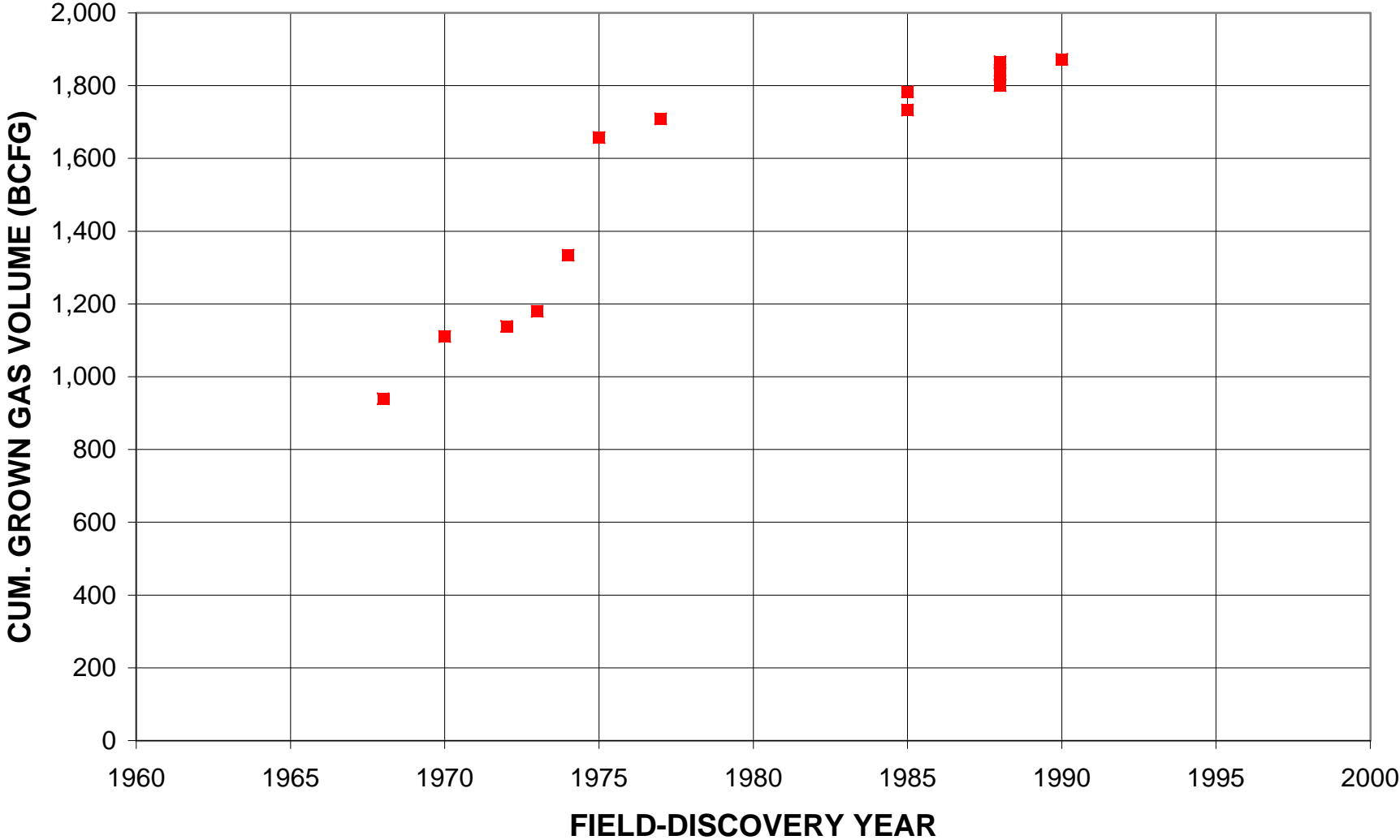
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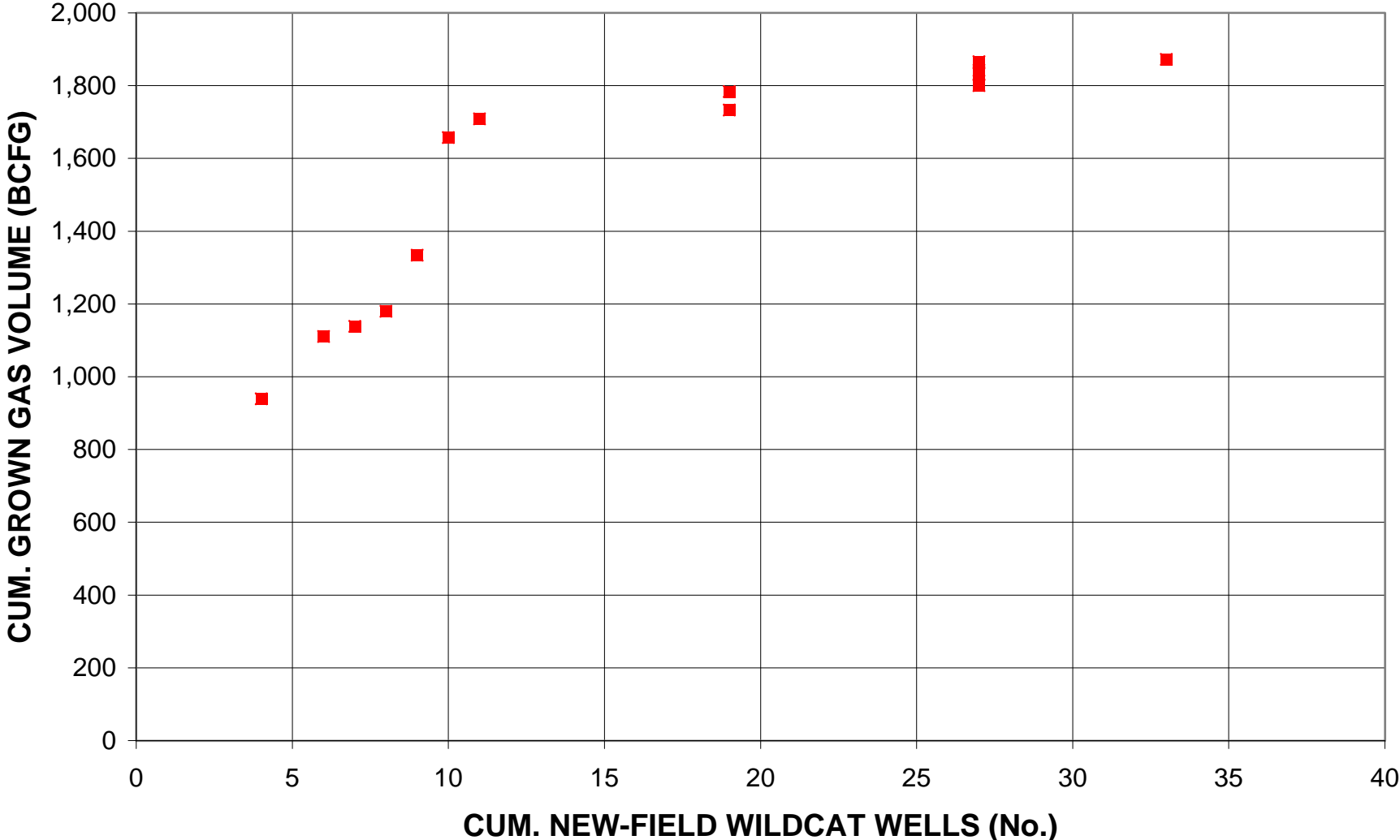
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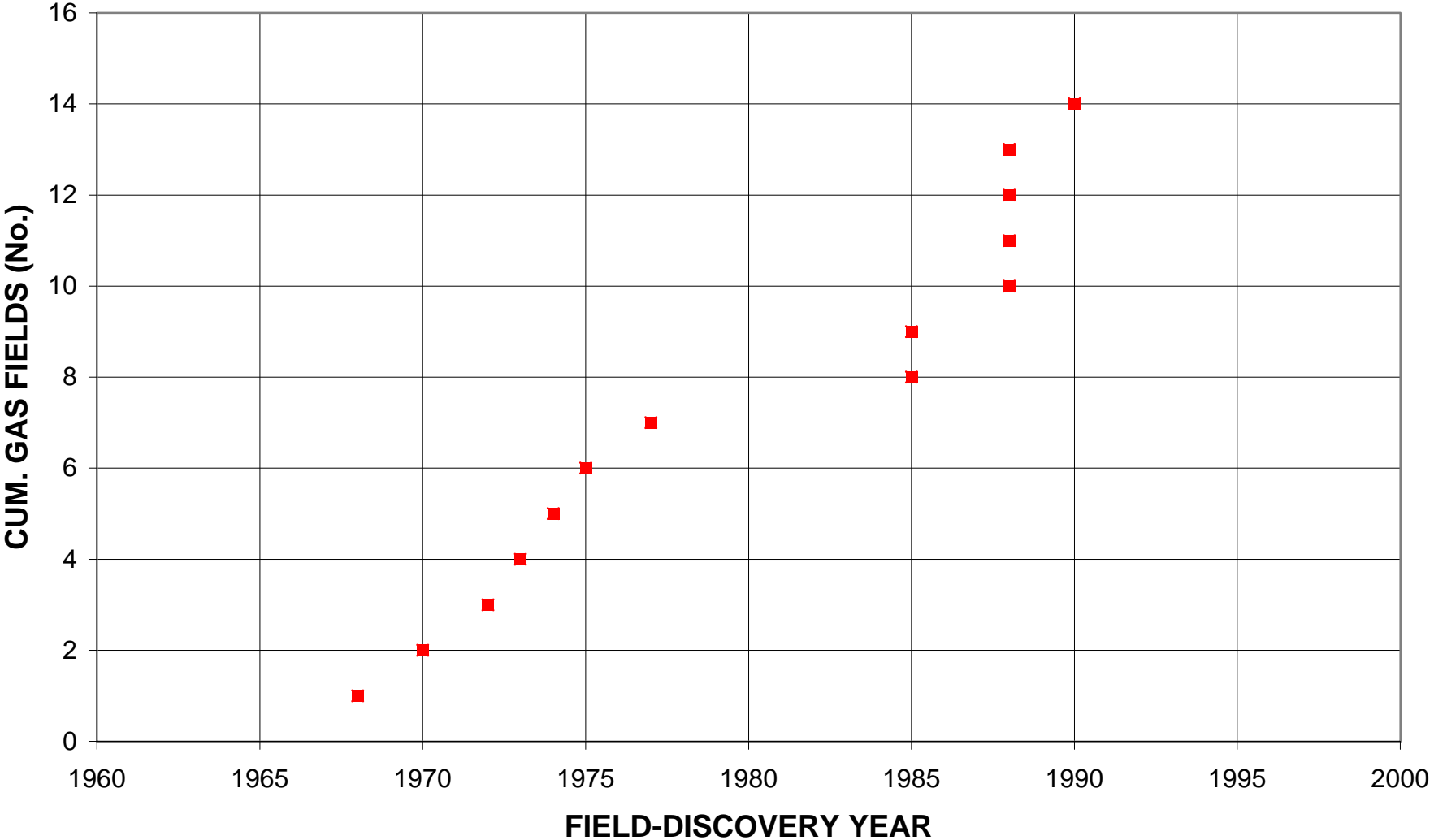
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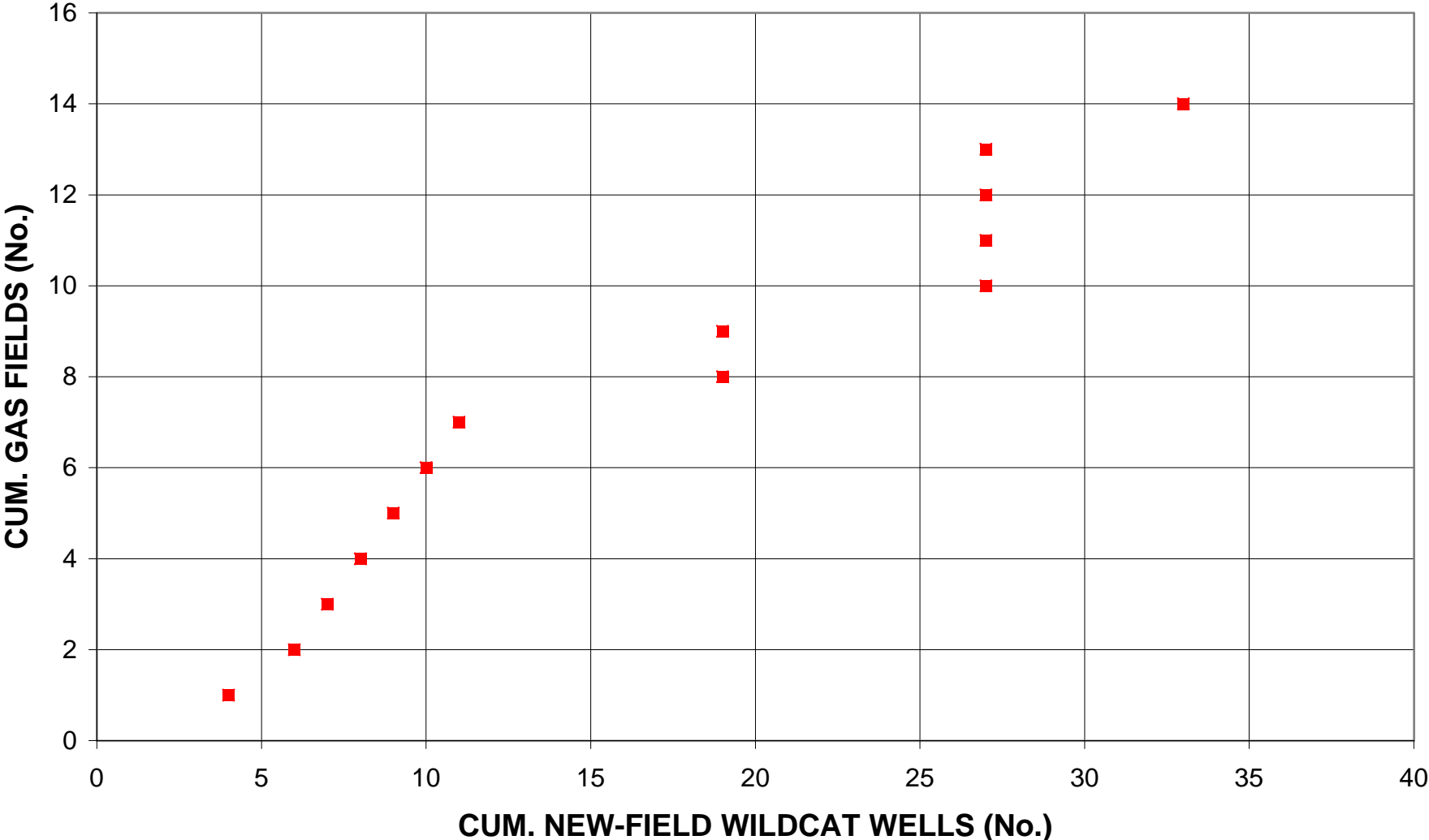
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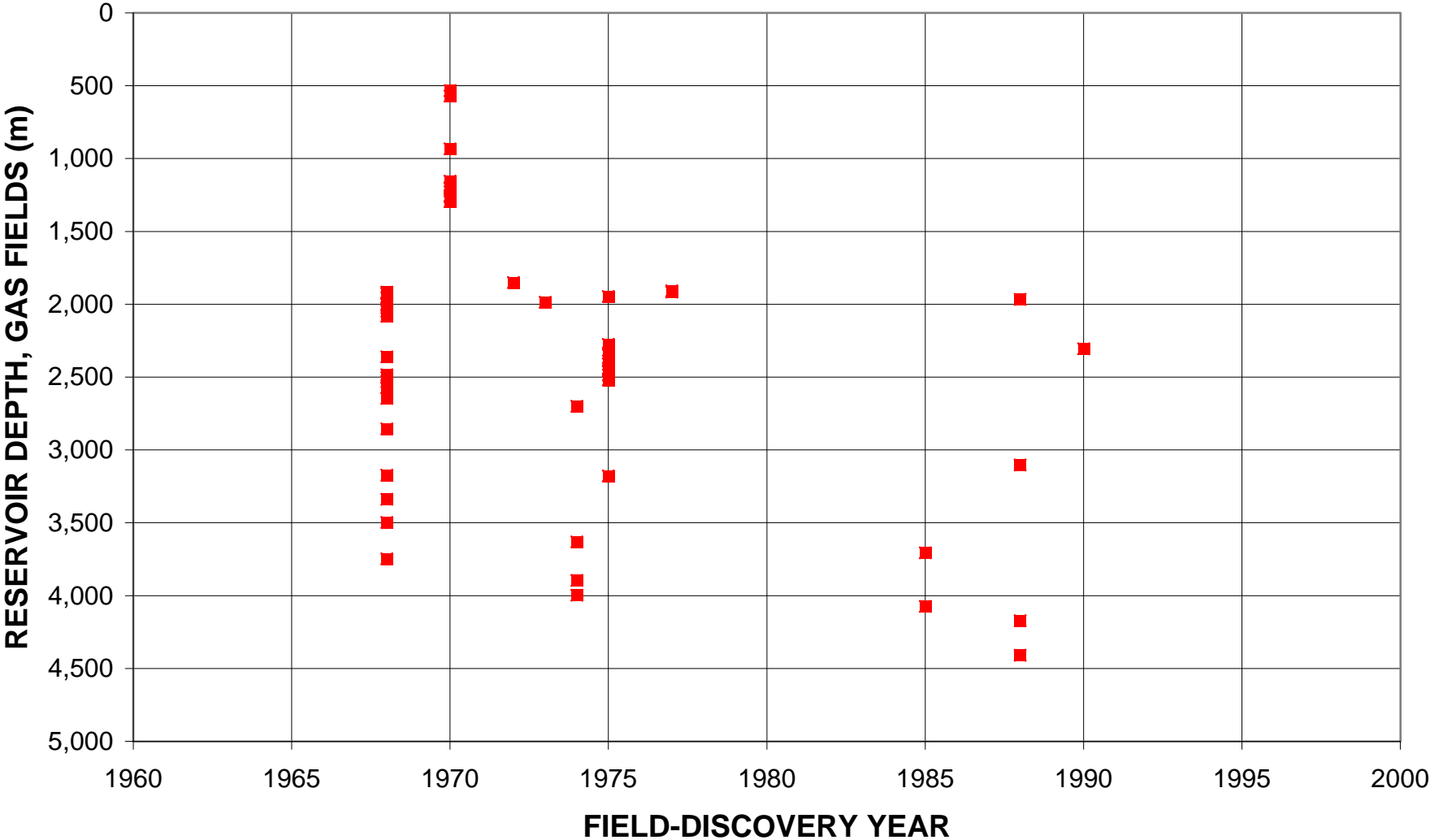
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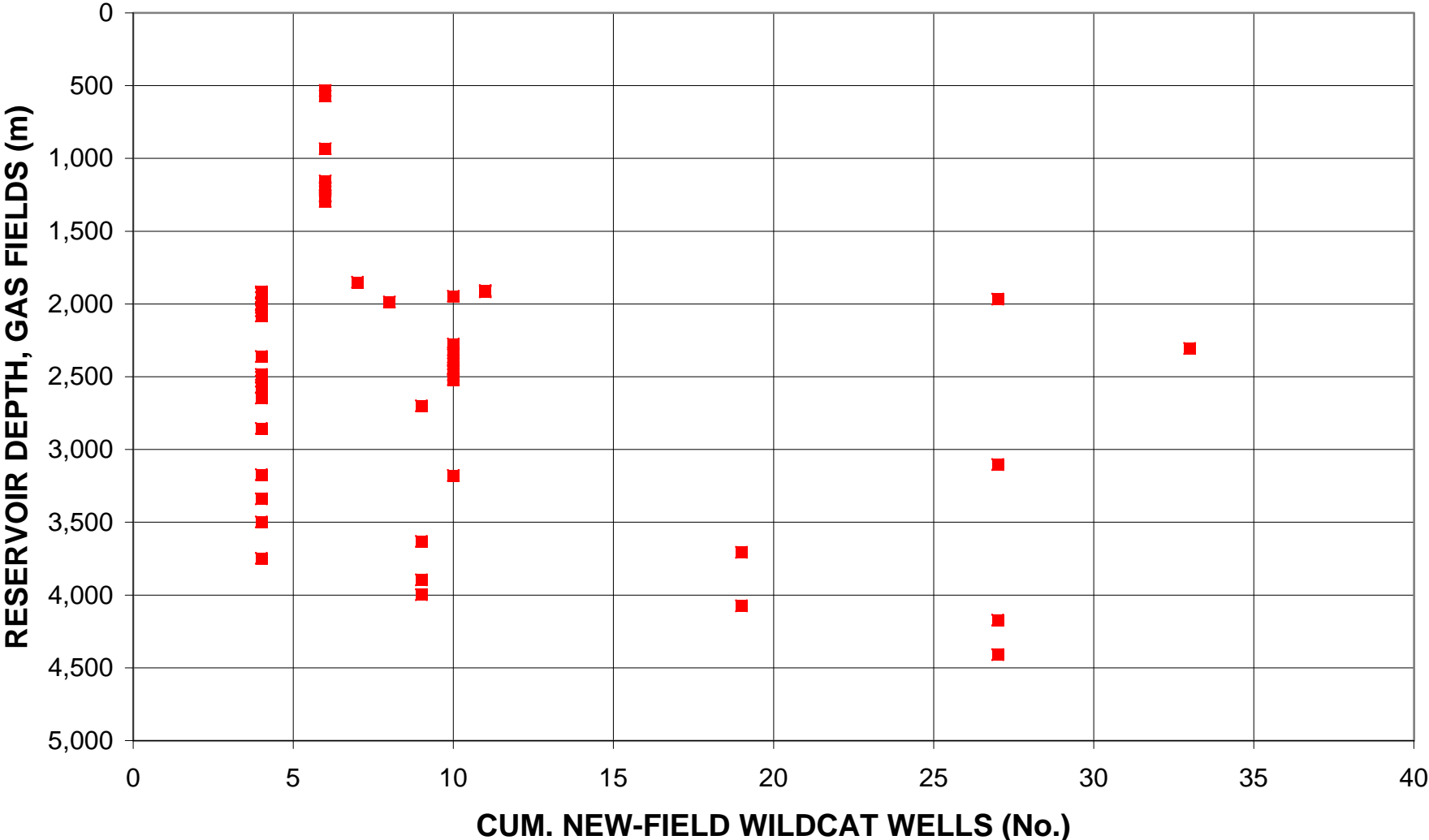
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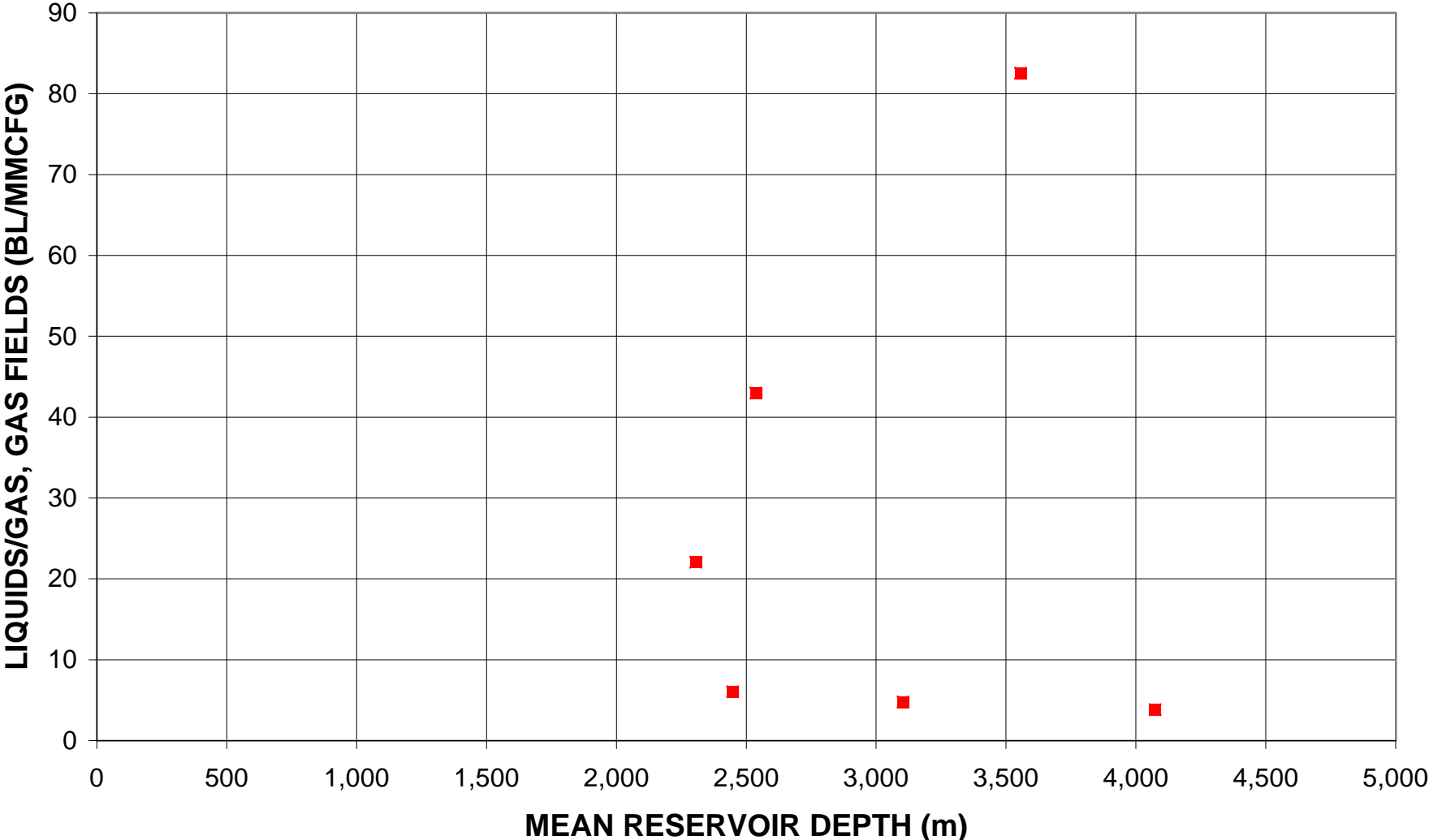
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**South Mangyshlak (Entire), Assessment Unit 11090201
Volumes of Discovered Petroleum**

[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	26	5,220	4,145	18	27	5,609	4,412	20
Gas Fields	12	20	1,554	28	14	23	1,872	32
Fields <1 MMBOE	4	1	8	0	1	NA	NA	NA
All Fields	42	5,241	5,707	46	42	5,633	6,284	52

South Mangyshlak (Entire), Assessment Unit 11090201 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	1961-1973	9	5,050	561	79
	Second third	1985	9	91	10	8
	Third third	1993	8	79	10	5
	All Oil Fields		26	5,220	201	11
Gas Fields	<u>Known Sizes (BCFG)</u>					
	First half	1968-1975	6	1,430	238	141
	Second half	1988	6	124	21	17
		All Gas Fields		12	1,554	129

**South Mangyshlak (Entire), Assessment Unit 11090201
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	<u>Grown Sizes (MMBO)</u>					
	First third	1961-1973	9	5,314	590	92
	Second third	1985	9	125	14	11
	Third third	1993	9	170	19	10
	All Oil Fields		27	5,609	208	14
Gas Fields	<u>Grown Sizes (BCFG)</u>					
	First third	1968-1974	5	1,334	267	154
	Second third	1988	5	466	93	50
	Third third	1990	4	72	18	17
	All Gas Fields		14	1,872	134	37