120 ORES AND INDUSTRY IN THE FAR EAST

Production is obtained chiefly from the Ishikari field in Hokkaido, the Toyokawa and Niitsu fields in Nippon (Honshū), the Shikkoko field in Taiwan (Formosa) being of lesser importance.² The following table, summarized from an official Japanese source, lists the fields:

OIL FIELDS OF JAPAN

Annual

Island	Prefecture	Province	Field No	. Well	s	Production, Barrels
Hokkaido		Sōya	Masuhoro	10		
		Ishikari	Ishikari	59		
		Yufutsu	Iburi	30		
				-		
	A1 *.		T 1		99	71,237
Nippon (Honshū)	Akita	Minimi- Akita	Toyokawa	412		
			Kurokawa Michikawa-	230		
			Asahikawa-	250		
		Yuri	Katsurane]	257		
		1 un	Hanekawa			
			Katte			
			Uchimichi-	241		
			kawa			
			Tanaka			
			Oguni J			
		Yamamoto	Hibiki	6		
				-		
	Niigata	Nakakam-			1,146	713,769
	Niigata	Nakakam- bara	Niitsu		1,146	713,769
	Niigata	bara	Niitsu	812	1,146	713,769
	Niigata		Niitsu		1,146	713,769
	Niigata	bara Minimi-		812	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi	Omo Nonokaichi Higoshiyama .	812 21	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi Santō	Omo Nonokaichi Higoshiyama . Amaze	812 21 77	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi	Omo Nonokaichi Higoshiyama . Amaze Miyagawa	812 21 77 599 22	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi Santō	Omo Nonokaichi Higoshiyama . Amaze Miyagawa Nishiyama	812 21 77 599 22 	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi Santō Karihu	Omo Nonokaichi Higoshiyama . Amaze Miyagawa	812 21 77 599 22	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi Santō Karihu Higoshi-	Omo Nonokaichi Higoshiyama . Amaze Miyagawa Nishiyama Takamachi	812 21 77 599 22 437 25	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi Santō Karihu	Omo Nonokaichi Higoshiyama . Amaze Miyagawa Nishiyama Takamachi	812 21 77 599 22 	1,146	713,769
	Niigata	bara Minimi- kambara Santō Koshi Santō Karihu Higoshi-	Omo Nonokaichi Higoshiyama . Amaze Miyagawa Nishiyama Takamachi	812 21 77 599 22 437 25 181		
Taiwan	Niigata Shinchiku	bara Minimi- kambara Santō Koshi Santō Karihu Higoshi-	Omo Nonokaichi Higoshiyama . Amaze Miyagawa Nishiyama Takamachi	812 21 77 599 22 437 25 181	2,174	861,524
Taiwan (Formosa)	L	bara Minimi- kambara Santō Koshi Santō Karihu Higoshi-	Omo Nonokaichi Higoshiyama . Amaze Miyagawa Nishiyama Takamachi Kubiki Shikkoko	812 21 77 599 22 437 25 181		
	L	bara Minimi- kambara Santō Koshi Santō Karihu Higoshi-	Omo Nonokaichi Higoshiyama . Amaze Miyagawa Nishiyama Takamachi Kubiki	812 21 77 599 22 437 25 181 29	2,174	861,524

The total production from the commencement of development is probably about 60,000,000 barrels. Reserves of petroleum in unexhausted horizons of present producing fields were estimated by Redfield to be about 56,000,000

² Chitani, Yoshinosuke (Geologist, Imperial Japanese Geological Survey), "Petroleum Resources of Japan." Trans. Tokyo Sectional Meeting, World Power Conference, Paper No. 22, Volume I, pp. 433-447, 1929.