

Bore No. 2 on Map.—South of Trig. A. R. (Molloy's Lookout) and about two and a half miles north of Kotuku Railway-station; drilled by Kotuku Petroleum Prospecting Co., Ltd. (No. 3 Bore); February to September, 1923:—

Depth.	Strata.
0 ft. to 10 ft. ..	Yellow clay.
10 ft. to 70 ft. ..	Yellow gravel with bands of hard conglomerate.
70 ft. to 75 ft. ..	Blue sandy clay.
75 ft. to 130 ft. ..	Yellow conglomerate.
130 ft. to 157 ft. ..	Fine blue conglomerate.
157 ft. to 321 ft. ..	Blue clayey sandstone.
321 ft. to 325 ft. ..	Hard conglomerate.
325 ft. to 442 ft. ..	Blue sandstone.
442 ft. to 445 ft. ..	Hard blue conglomerate.
445 ft. to 448 ft. ..	Chocolate-coloured clay.
448 ft. to 450 ft. ..	Fine conglomerate.
450 ft. to 530 ft. ..	Coarse conglomerate, with pebbles as large as eggs.
530 ft. to 570 ft. ..	Coarse sharp sandstone, slight show of oil, and a little gas.
570 ft. to 573 ft. ..	Brown clay.
573 ft. to 585 ft. ..	Fine sandy shale.
585 ft. to 588 ft. ..	Coarse sandstone, fresh water, and a little oil.
588 ft. to 724 ft. ..	Soft blue sandstone.
724 ft. to 728 ft. ..	Hard band, salt water, CO ₂ , and a little oil.
728 ft. to 790 ft. ..	Grey sticky shale.
790 ft. to 825 ft. ..	Hard grey shale.
825 ft. to 870 ft. ..	Hard white limestone.
870 ft. to 970 ft. ..	Soft limestone.
970 ft. to 990 ft. ..	Blue micaceous sandstone.
990 ft. to 1,010 ft. ..	Grey shale.
1,010 ft. to 1,040 ft. ..	Brown shale.
1,040 ft. to 1,078 ft. ..	Fine blue sandstone.
1,078 ft. to 1,087 ft. ..	Brown coal and fireclay.
1,087 ft. to 1,104 ft. ..	Brown shale, inflammable gas.
1,104 ft. to 1,160 ft. ..	Conglomerate and sand.
1,160 ft. to 1,185 ft. ..	Decomposed slate.
1,185 ft. to 1,230 ft. ..	Slate.

Bore No. 3 on Map.—Near bridge across Deep Creek, two miles north of Kotuku Railway-station. For the log and other particulars of this bore, see No. 6 Well, N.Z.G.S. Bull. No. 13, p. 146.

Bore No. 4 on Map.—About 28 chains south-east of Bore No. 3 above and nearly two miles east of north from Kotuku Railway-station; drilled by Kotuku Oilfields Syndicate in 1912:—

Depth.	Strata.
0 ft. to 25 ft. ..	Stones.
25 ft. to 28 ft. ..	Hard sandstone.
28 ft. to 40 ft. ..	Coarse grey sand.
40 ft. to 48 ft. ..	Fine loose sand.
48 ft. to 81 ft. ..	Coarse sand and stone.
81 ft. to 91 ft. ..	Hard sandstone.
91 ft. to 154 ft. ..	Conglomerate.
154 ft. to 238 ft. ..	Marl.
238 ft. to 307 ft. ..	Conglomerate.
307 ft. to 311 ft. ..	Coarse sand.
311 ft. to 345 ft. ..	Conglomerate.
345 ft. to 498 ft. ..	Calcareous marl.
498 ft. to 552 ft. ..	Limestone.
552 ft. to 570 ft. ..	Conglomerate.
570 ft. to 602 ft. ..	Brown marl.
602 ft. to 653 ft. ..	Light-brown marl.
653 ft. to 709 ft. ..	Blue marl.
709 ft. to 713 ft. ..	Decomposed boulders.
713 ft. to 762 ft. ..	Blue marl.
762 ft. to 775 ft. ..	Sandstone.
775 ft. to 840 ft. ..	Conglomerate, slate, and quartz.
840 ft. to 850 ft. ..	Slaty conglomerate.
850 ft. to 865 ft. ..	Slate.
865 ft. to 952 ft. ..	Slate.