

BONITHON BORE—*continued*.

740 ft. – 1,508 ft.	..	Sandy claystone, with “hard streaks.”
1,508 ft. – 1,774 ft.	..	Sand and gravel.
1,774 ft. – 1,950 ft.	..	Claystone, with flow of water.
1,950 ft. – 2,086 ft.	..	Very sticky (“papa”) claystone, with slight flow of gas.
2,086 ft. – 2,091 ft.	..	Grey sandstone.
2,091 ft. – 2,411 ft.	..	Claystone.
2,411 ft. – 2,422 ft.	..	Soft sandstone.
2,422 ft. – 2,520 ft.	..	Claystone.
2,520 ft. – 2,521 ft.	..	Hard sandstone.
2,521 ft. – 2,600 ft.	..	Claystone.
2,600 ft. – 2,610 ft.	..	Sandstone.
2,610 ft. – 2,683 ft.	..	Claystone.
2,683 ft. – 2,748 ft.	..	Soft sandstone.
2,748 ft. – 2,763 ft.	..	Gas (60 lb. to square inch).
2,763 ft. – 3,004 ft.	..	Sandstone.

TARANAKI OIL AND FREEHOLD COMPANY.

Surface – 6 in.	..	Surface mould.
6 in. – 55 ft. 3 in.	..	Tufaceous clay.
55 ft. 3 in. – 198 ft. 3 in.	..	Agglomerate showing varying degrees of coarseness.
88 ft.	..	A layer of carbonised wood.
112 ft.	..	Slight show of oil.
198 ft. 3 in. – 218 ft.	..	“Very hard rock,” possibly a lava flow.
218 ft. – 239 ft.	..	Clay.
239 ft. – 255 ft.	..	Agglomerate—base of volcanic rocks.
255 ft. – 588 ft.	..	Sandy claystone, with “hard streaks” (concretions) at intervals, and with traces of oil near them at 449 ft., 476 ft., 506 ft., 513 ft., 579 ft., and 588 ft. A band of shell sand at 328 ft., and hard mudstone containing shells at 375 ft.
588 ft. – 603 ft. 6 in.	..	Sandstone, with show of oil.
604 ft. – 657 ft. 2 in.	..	“Rock,” with good show of oil.
657 ft. 2 in. – 659 ft. 5 in.	..	Gravel.
659 ft. 5 in. – 667 ft. 5 in.	..	Papa.
667 ft. 5 in. – 669 ft. 6 in.	..	Gravel.
669 ft. 6 in. – 740 ft.	..	Hard papa.
670 ft.	..	Carbonised plant-remains.
672 ft.	..	Quartzose gravel containing water.
740 ft. – 860 ft.	..	Greenish argillaceous sandstone—very good show of oil.
860 ft. – 964 ft. 6 in.	..	Sandy claystone, becoming less sandy downwards.
964 ft. 6 in. – 980 ft. 3 in.	..	Sandstone, with traces of oil.
980 ft. 3 in. – 1,095 ft.	..	Greenish petroliferous sand.
1,095 ft. – 1,105 ft.	..	Calcareous sandstone.
1,105 ft. – 1,160 ft.	..	Fine sharp sand.
1,160 ft. – 1,162 ft.	..	Greenish micaceous calcareous sandstone.
1,162 ft. – 1,201 ft.	..	Fine sharp sand.
1,201 ft. – 1,208 ft.	..	Hard sandstone.
1,208 ft. – 1,240 ft.	..	Very fine “dead” sand.
1,240 ft. – 1,256 ft.	..	Harder rock—probably calcareous concretions.
1,256 ft. – 1,262 ft.	..	Lignite (but probably not a solid bed).
1,262 ft. – 1,284 ft.	..	Fine sharp sand, with three thin streaks of carbonaceous matter.
1,284 ft. – 1,289 ft.	..	Lignite, with thin streaks of coal.
1,289 ft. – 1,385 ft.	..	Fine sand, with very hard boulders (concretions).

NEW PLYMOUTH PETROLEUM COMPANY, LTD.

Surface – 40 ft.	..	Clay.
40 ft. – 70 ft.	..	Decomposed agglomerate.
70 ft. – 185 ft.	..	Boulders and agglomerate.
185 ft. – 190 ft.	..	“Very hard blue rock”—probably a lava flow.
190 ft. – 260 ft.	..	Boulders and agglomerate.
260 ft. – 270 ft.	..	Loose sand and gravel.
270 ft. – 340 ft.	..	“Hard blue rock.”
340 ft. – 375 ft.	..	Large boulders.
375 ft. – 510 ft.	..	Hard sandstone, showing soil.
510 ft. – 515 ft.	..	Light-blue papa.
515 ft. – 525 ft.	..	Conglomerate and big hard boulders.
525 ft. – 593 ft.	..	Sandy claystone (“papa”) and boulders, showing oil.
593 ft. – 618 ft.	..	Hard boulders, showing oil.
618 ft. – 637 ft.	..	Hard sandstone, showing gas and oil.
637 ft. – 640 ft.	..	Big boulders, showing oil and gas.
640 ft. – 651 ft.	..	Sandy claystone and big boulders, showing oil and gas.