

State of New York
Department of Conservation
Division of Water Power and Control

No. 107
(on preliminary report)

Log
C't'd.

COMPLETION REPORT LONG ISLAND WELLS

Log
approx. Surf.
Elev.

Owner... Long Island Rail Road Co. NY

Address... Jamaica, L.I., N.Y.

Location of well... Hicksville, L.I.

Depth... 400 feet

Castings:
Diameters: 8" 6"
Length: 360 feet 40 ft.

Screens: Type Cook All Brass
Diameters: 5 1/2" p.d.
Length: 10 ft.
Depth to top: 390 ft.

Pumping Test: Date June 19, 1936
Duration of Test: 8 days 8 hours
Maximum Discharge: 52 gallons per minute
Static Level Prior to Test: Don't know feet inches
Level during Max. Pumping: Know feet inches
Maximum Drawdown: Don't know feet inches
Approx. time of return to normal level after
cessation of pumping: hours minutes

Pump installed: (Letter of Nov. 13, 1937 from L.I.Rd. Co. J.A. Appleton, Gen. Mgr. states old pumping equipment is being used, capacity of 74,000 g.p.d., avge. demand 10,000 g.p.d.)
Type: Don't know
Motive power: "
Capacity: "

Drop line:
Diameters: "
Length: "

Use of water... for locomotive boilers

Work started May 2, 1936 Completed June 24, 1936

PUMP CAPACITY 100 GPM
ESTIMATED USAGE 15,125,000 GPY

Date Oct. 7, 1937 Driller
License No. Antecision Well & Supply Co.

Note: Show log of well - materials encountered with depths, water-bearing beds, casings, screens, pump, additional pumping tests and other matters of interest.

County Nassau

State of New York
Department of Conservation
Division of Water Power and Control

No. 197
(on preliminary report)

LOG
Ground Surf. approx.
El. 150 ft.

COMPLETION REPORT LONG ISLAND WELLS

LOG
C't'd.

Owner Long Island Railroad Company

Address Jamaica, L.I., N. Y.

Location of well Hicksville, L. I.

Depth 409 feet feet

Casings:

Diameter	8 -in.	6 -in.	-in.	-in.
Length	360 ft.	49 ft.	ft.	ft.

Screens: Type Cook All Brass

Diameter	5 1/2 -in. o.d.	-in.	-in.
Length	10 ft.	ft.	ft.
Depth to top	399 ft.		ft.

Pumping Test: Date June 18, 1936

Duration of Test _____ days 8 hours

Maximum Discharge 52 gallons per minute

Static Level Prior to Test Don't feet inches

Level during Max. Pumping know feet inches

Maximum Drawdown Don't know feet inches

Approx. time of return to normal level after cessation of pumping Don't hours minutes know

Pump installed:

Type Don't know *L.P.M. D.W.T.*

Motive power " *U.S. Elec. About 200*

Capacity " g.p.m.

Drop line:

Diameter	"	-in.	-in.
Length	"	ft.	ft.

Use of water for locomotive boilers

Work started May 6, 1933 Completed June 24, 1936

Date Jan. 7, 1938 Driller Artesian Well & Supply Co.
License No. 8

Note: Show log of well - materials encountered, with depths below ground surface, water-bearing beds, casings, screens, pump, additional pumping tests and other matters of interest.

See Instructions as to Well Drillers Licenses and Reports - pp 5-7.

* See Reverse Side for Log of Well.

See log sheet

Ground level approximately 60 ft. above sea level

Log of well:

0 to 15 ft. - Sand and gravel
15 to 60 ft. - Sand and gravel
60 to 90 ft. - Sand and gravel
90 to 92 ft. - Clay
92 to 130 ft. - Dirty sand and clay
130 to 160 ft. - Dirty sand - fine
160 to 200 ft. - Dirty sand - fine
200 to 235 ft. - Black clay
235 to 260 ft. - Dirty sandy clay
260 to 338 ft. - Dirty sand and clay
338 to 390 ft. - Fine sand
390 to 409 ft. - clean sand (not too coarse)

