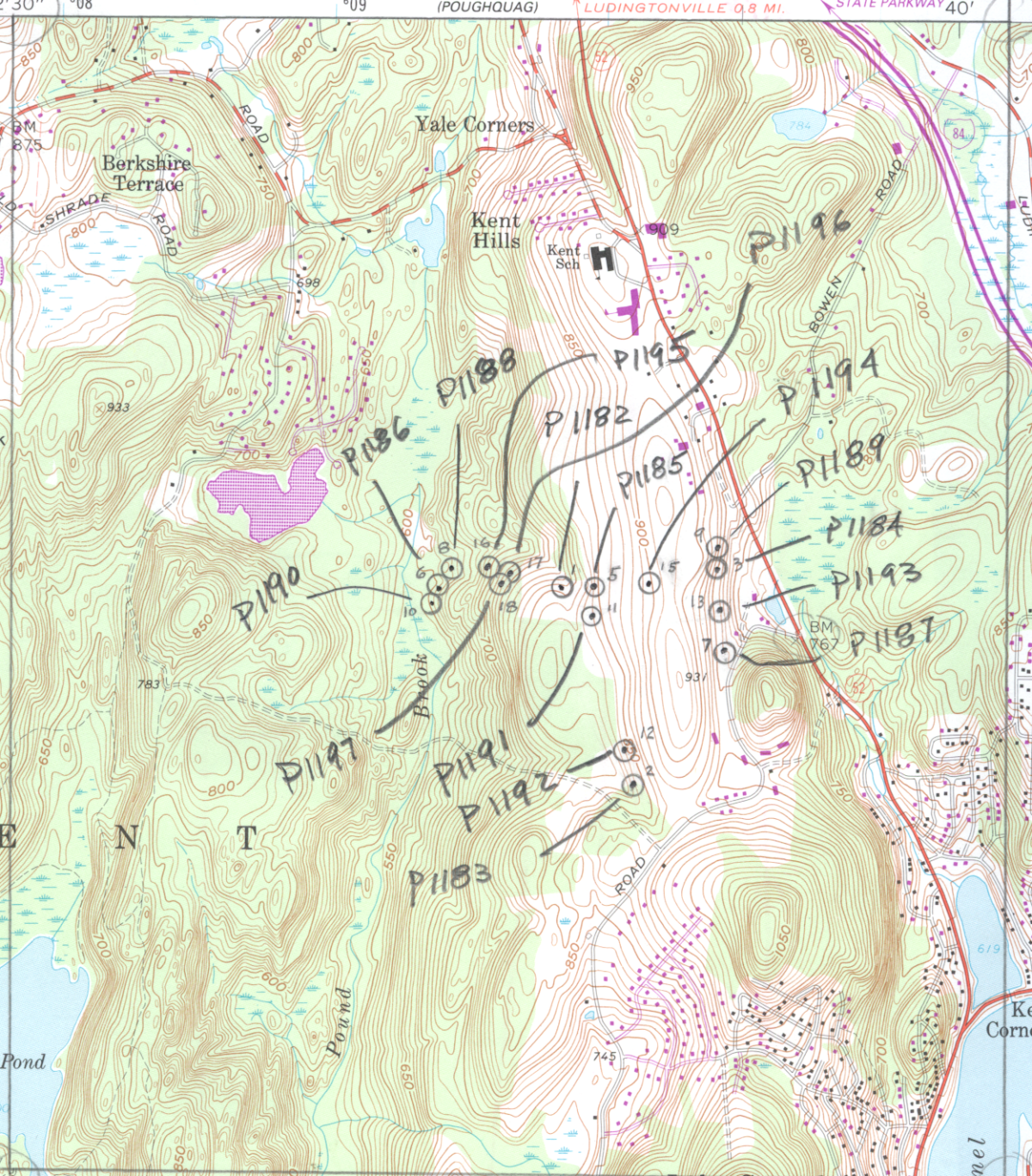
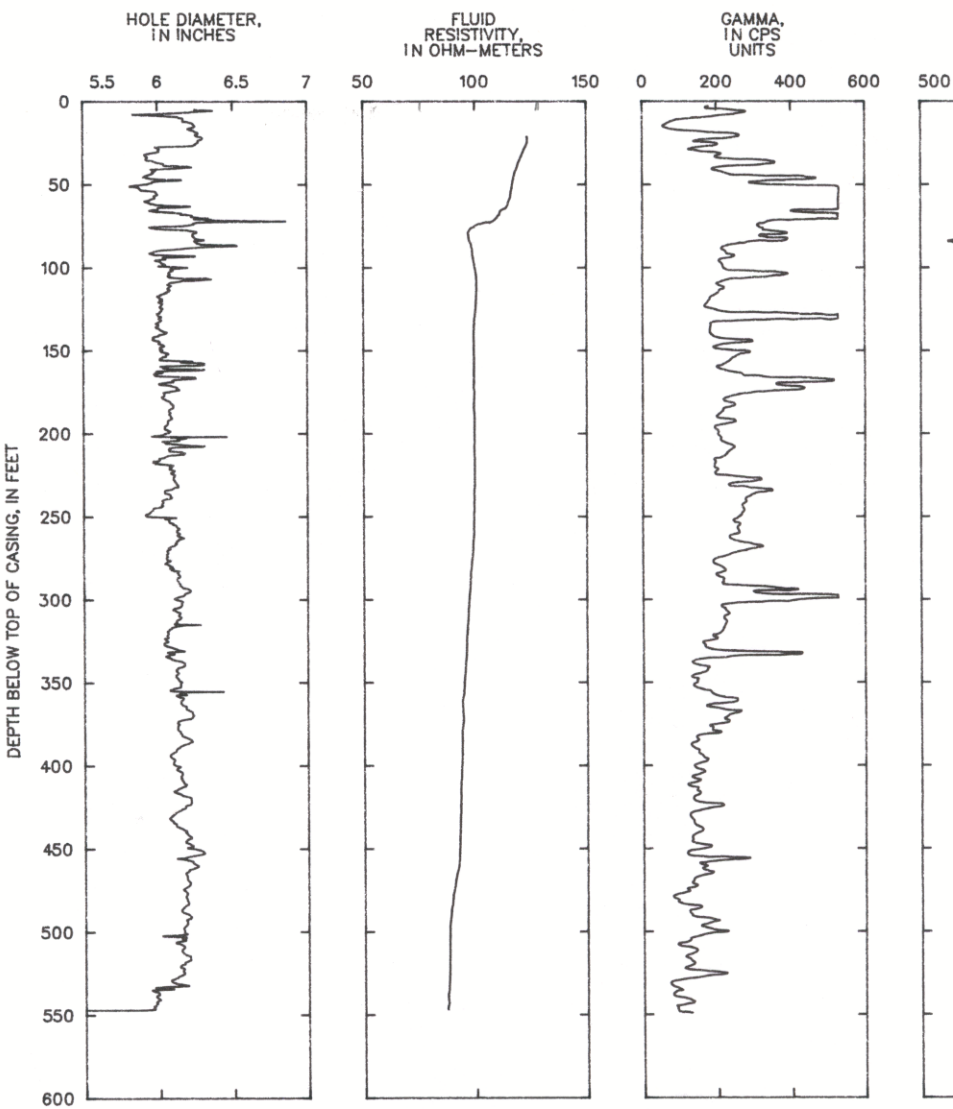

Yale Corners
Berkshire Terrace
Kent Hills
Kent Sch
SHRADE ROAD
BOWEN ROAD
LUDINGTONVILLE 0.8 MI.
STATE PARKWAY
(POUGHQUAG)
BM 875
BM 767
Brook
Pond
P1196
P1195
P1194
P1188
P1182
P1189
P1186
P1185
P1184
P1190
P1193
P1187
P1197
P1191
P1192
P1183

m5
837
P1185



WELL ID M5

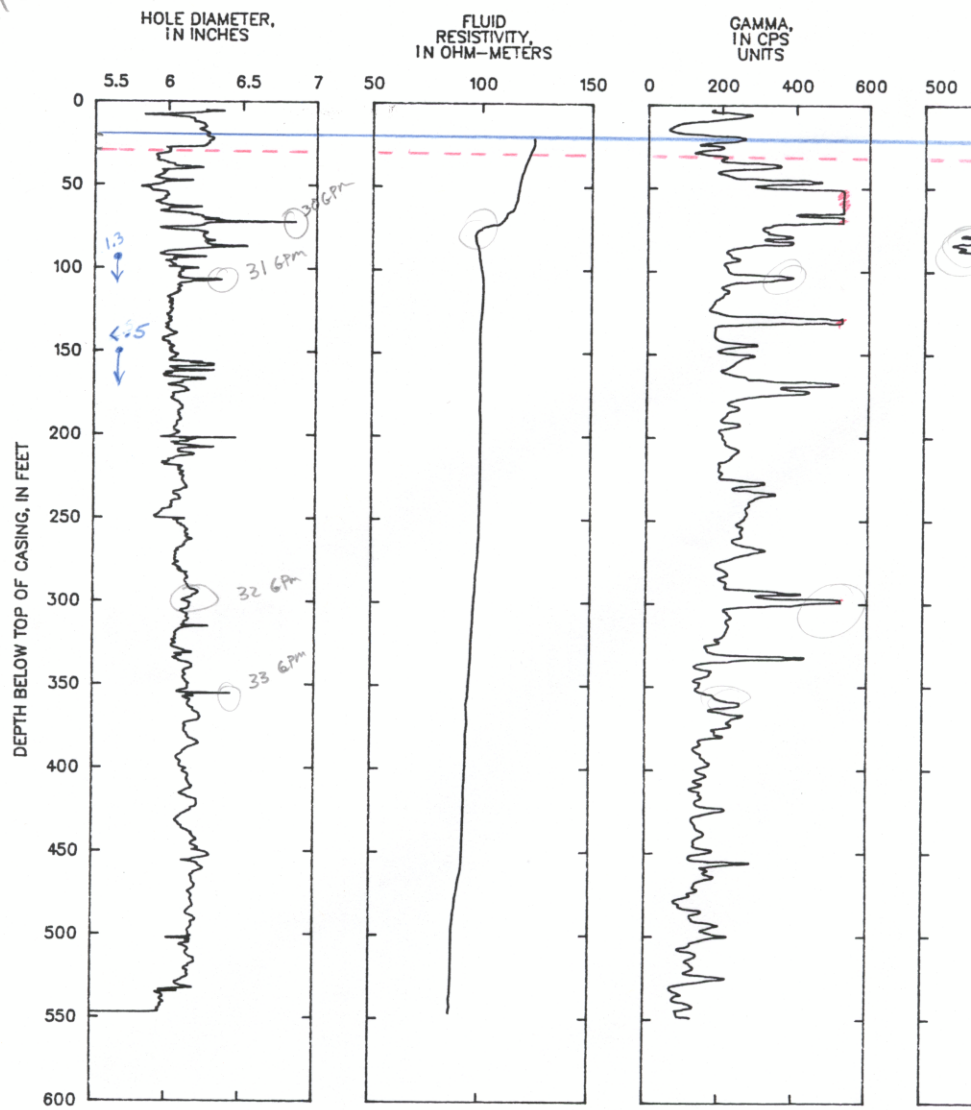
INGLE POINT
RESISTIVITY,
IN OHMS

000 1500 2000

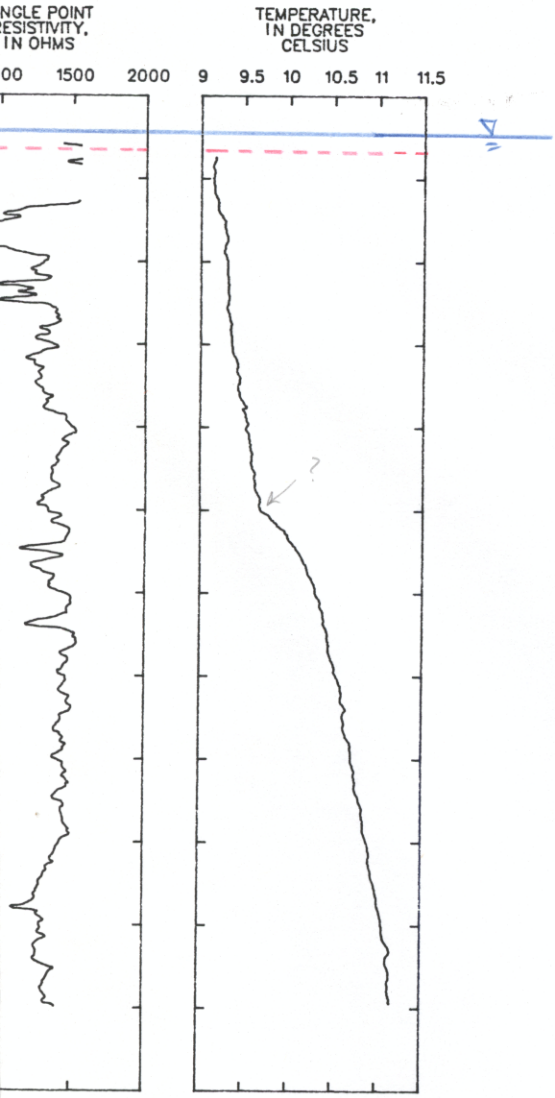
TEMPERATURE,
IN DEGREES
CELSIUS

9 9.5 10 10.5 11 11.5

M5
1185



WELL ID M5



OVERBURDEN = 19

CASED = 29.08

WL=

18.87 @ 9-15-90

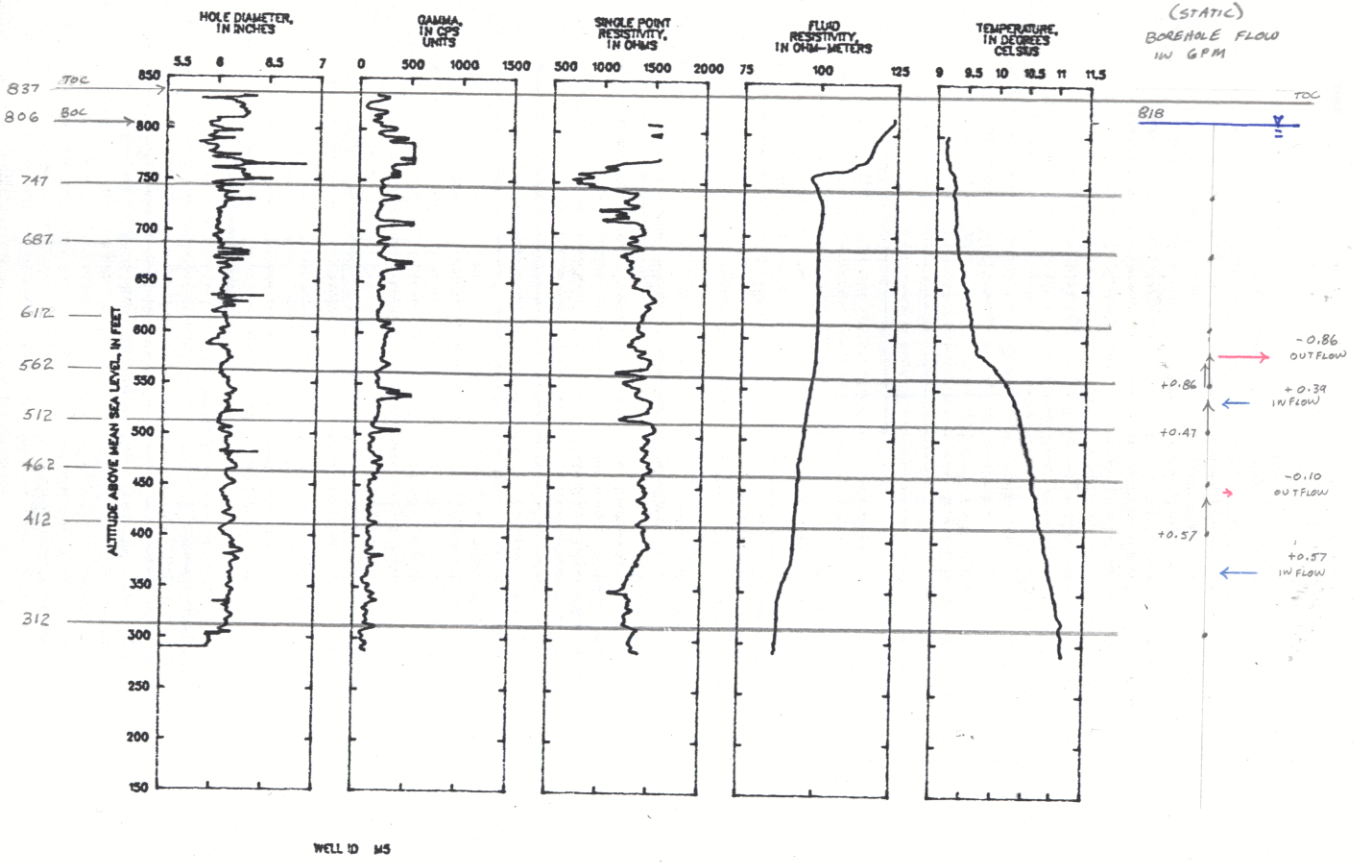
YIELD = 33 GPM

BRINE TRACING

M5
837 = TOC
P1185

41 28 55 073 41 00 01

WL = 9-21-92
FLOW = 9-21-92
LOGGED = 9-16-90



WELL ID M5

WELL #5 P1185 LSD # 835 P1185

WELL COMPLETION REPORT
DEPARTMENT OF HEALTH
Division Of Environmental Health Services
PUTNAM COUNTY DEPARTMENT OF HEALTH

Office Use Only

WELL LOCATION — STREET ADDRESS: HORSEPOUND RD. TOWN/VILLAGE/CITY: KENT (CARMEL) TAX GRID NUMBER:

WELL OWNER — NAME: J.G. CARMEL ADDRESS: 900 THIRD AVE., N.Y., NY. ☐ PRIVATE ☐ PUBLIC

USE OF WELL (1 - primary, 2 - secondary)
☐ RESIDENTIAL ☒ PUBLIC SUPPLY ☐ AIR/COND./HEAT PUMP ☐ ABANDONED
☐ BUSINESS ☐ FARM ☒ TEST/OBSERVATION ☐ OTHER (specify)
☐ INDUSTRIAL ☐ INSTITUTIONAL ☐ STAND-BY ☐ _____

AMOUNT OF USE — YIELD SOUGHT _____ gpm./NO. PEOPLE SERVED _____ / EST. OF DAILY USAGE _____ gal.

REASON FOR DRILLING
☐ NEW SUPPLY ☐ PROVIDE ADDITIONAL SUPPLY ☒ TEST/OBSERVATION
☐ REPLACE EXISTING SUPPLY ☐ DEEPEN EXISTING WELL

DEPTH DATA — WELL DEPTH 555 ft. | STATIC WATER LEVEL 19.63 ft. | DATE MEASURED 7-25-88

DRILLING EQUIPMENT
☐ ROTARY ☐ COMPRESSED AIR PERCUSSION ☐ DUG
☐ WELL POINT ☐ CABLE PERCUSSION ☐ OTHER (specify):

WELL TYPE ☐ SCREENED ☐ OPEN END CASING ☒ OPEN HOLE IN BEDROCK ☐ OTHER

CASING DETAILS
TOTAL LENGTH 31 ft. | MATERIALS: ☒ STEEL ☐ PLASTIC ☐ OTHER
LENGTH BELOW GRADE 29.08 ft. | JOINTS: ☐ WELDED ☒ THREADED ☐ OTHER
DIAMETER 7 in. | SEAL: ☒ CEMENT GROUT ☐ BENTONITE ☐ OTHER
WEIGHT PER FOOT 26 lb./ft. | DRIVE SHOE: ☒ YES ☐ NO | LINER: ☐ YES ☒ NO

SCREEN DETAILS

	DIAMETER (in)	SLOT SIZE	LENGTH (ft)	DEPTH TO SCREEN (ft)	DEVELOPED?
FIRST					☐ YES ☐ NO HOURS _____
SECOND					

GRAVEL PACK ☐ YES ☐ NO | GRAVEL SIZE: | DIAMETER OF PACK _____ in. | TOP DEPTH _____ ft. | BOTTOM DEPTH _____ ft.

WELL YIELD TEST
METHOD: ☐ PUMPED ☒ COMPRESSED AIR ☐ BAILED ☐ OTHER
If detailed pumping tests were done is information attached? ☐ YES ☐ NO

WELL DEPTH ft.	DURATION hr. min.	DRAWDOWN ft.	YIELD gpm.
555	1 0	N/A	33

WATER QUALITY ☐ CLEAR ☐ CLOUDY ☐ COLORED TEMP. _____ HARDNESS _____ ANALYZED? ☐ YES ☐ NO
ANALYSIS ATTACHED? ☐ YES ☐ NO

PUMP INFORMATION
TYPE _____ CAPACITY _____
MAKER _____ DEPTH _____
MODEL _____ VOLTAGE _____ HP _____

WELL LOG — If more detailed formation descriptions or sieve analyses are available, please attach.

DEPTH FROM SURFACE ft.	ft.	Water Bearing	Well Diameter in	FORMATION DESCRIPTION	CODE
Land Surface	19			CLAY & SAND	
19	30			QTZ-FELSIC-HORN-GRANITE	
30	80			HORN-FELSIC-QTZ. SCHIST	
80	170			HORN-FELSIC-QTZ.-GNEISS	
170	200			AS ABOVE PLUS MICA	
200	260			HORN-QTZ-FELSIC GNEISS	
260	290			QTZ-HORN-FELDSPAR-GRANITE	
290	555			HORN-QTZ-FELSIC GNEISS	
				FRACTURES-76'-95', 108', 300'-30',	

STORAGE TANK: TYPE 357', 367', 370'
CAPACITY _____ GAL. _____

WELL DRILLER NAME Boyd Artesian Well Co. Inc. DATE
ADDRESS Route 52 SIGNATURE
Carmel, NY 10512

Please see P1197 (USGS Miscellaneous Other ID) for composite cross-sectional logs for the following log types, observation wells and field notes;

Observation Wells

USGS #	Field #
P1184	M3
P1194	M15
P1185	M5
P1182	M1
P1196	M17
P1197	M18
P1195	M16
P1188	M8
P1186	M8
P1190	M10

Log Types

Fluid Resistivity
Single Point Resistance
Temperature
Heat Pluse Flowmeter – Static Conditions
Heat Pluse Flowmeter – Pumping Conditions
Caliper

Field Notes