

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

154, 1.1N, 5.1E
(approx)
loc. approx. O.K.

P99	
Close 15' good	154, 1.0N, 4.7E
sketch on attached sheet.	
see P100 & P895	

Locate well on plat of section.

RECORD OF WELL

1. Location: State N.Y. County Patterson
 Nearest P. O. Patterson Direction from P. O. west
 Distance from P. O. 2 1/2 miles; 1/4 sec. T. R.
 If in city, give street and number Town of Kent
Educational Alliance

2. Owner: Salomon Memorial Camp Address Patterson, N.Y.
 Driller: P. F. Beal Address Brewster, N.Y.

3. Situation: Is well on upland, in valley, or on hillside? hillside

4. Elevation of top of well: 882 ± ft. the level of _____ (Above or below) _____ (Sea, depot, lake, or stream)

5. Type of well: drilled (Dug, driven, bored, or drilled); kind of drilling rig used con? (Solid tool, jetting, rotary, etc.)

6. Depth of well: 140-150 ft.; year in which well was finished 1930

Does well enter rock? yes; if so, at what depth? 20 ft. ft.; kind of rock _____

7. Diameter: At top 12 inches; at bottom 6 inches.

8. Principal water bed: rock Pre-Cambrian gneiss
 Depth to principal water bed _____ ft.; thickness of bed _____ ft.
 (Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each

9. Casings: Kind Steel; size 12"; length 25' ft.; between depths of 0 and 25' ft.
 Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.
 Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used _____; kind _____

Screen or Strainer: Was well finished with screen? _____; kind of screen _____;
 length of screen _____ ft.; diameter _____ inches; size of openings _____

10. Head: Does well at present overflow without pumping? _____; did it overflow when new? _____;
 if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
 original pressure or head _____; if not flowing, give water level in well 72.5' ft. below surface.

11. Pump: Is the well pumped? No; kind of pump Mayer's plunger type; electric 2HP
 size or capacity of pump _____; kind of power _____

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at 36 gallons per minute continuously for _____ hours;
 quantity of water ordinarily obtained from well not used 1949 gallons per day.

13. Use: For what purpose is the water used? emergency well, formerly supplied camp.

14. Quality of the water: no iron, lead or calcium; is there an analysis? yes, partial
 (Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank J. J. [unclear] for NYS DPH at Poughkeepsie
 Date 2-2-50 Address 123 [unclear] St. Poughkeepsie, N.Y.

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

see data by log page from Mr. Han - former caretaker

Wm. Salomon Camp

NORTH

Dry well { 10' deep
5' water
field stone
wood top
wood curb

STORAGE

SLOPE

DEERWELL
AND
HOLMES

999

TENNIS
COURT

TOWN ROAD

SLOPE

650

LAKE
Belvedere

NEWER
WELL

old

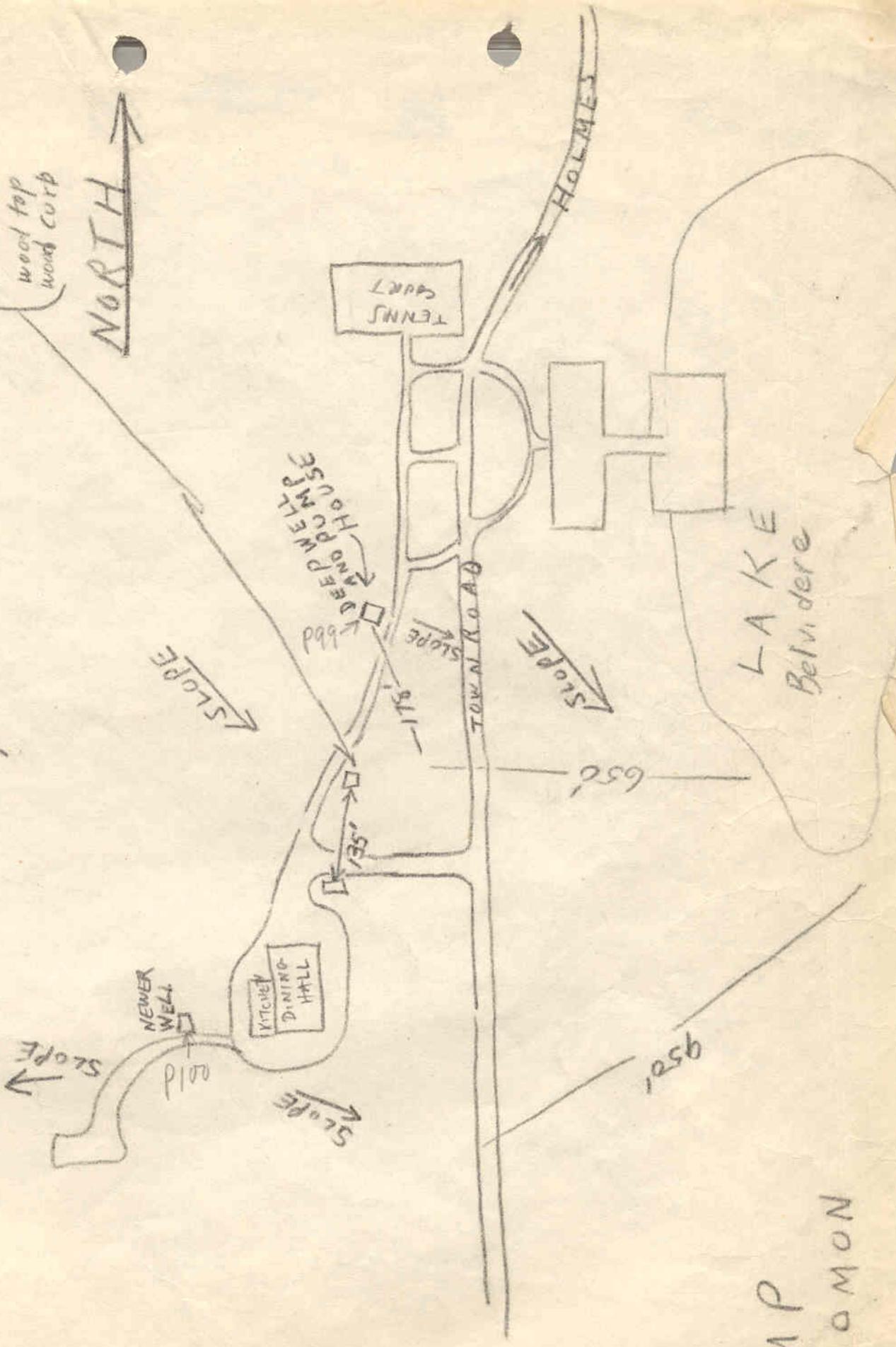
KITCHEN
DINING
HALL

SLOPE

950

CAMP
SALOMON

HOLMES



LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From--	To--		
Pump hooked to	40			pressure tank
<u>Partial Analysis</u>				
Date	From	Chl	To	ppm
7-31-40 (#1)	Batcher sink	2.0	0.4	ppm
7-31-45 (#2)	Top pump house	1.0	0.04	"
Well depth	53	ft.		By Bill Johnson
228 feet				175
Static water level	31'8"			yield
Former static level				143
Bailed out pump test				after deepening - early Aug 1950
Static level	15'6"			41
Pumping level	41			28 1/2
Bailed at 36 GPM for 2 hrs. then 5 hrs.				see below

So 28 1/2 ft. of drawdown in 2 hrs. bailed at 36 GPM. Then bailed at pumping level for 5 hrs. with no drawdown. By Bill Johnson, after deepening. Before deepening, she had 143 feet of drawdown. Bailed 15 GPM for about 15-20 mins. (bell approx)

8-2-50 Reported yield dropped to 8 GPM