9—255
(Jan. 1927)

#200

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P200

RECORD OF WELL

Not located — check analysis

Carmel 15' quad			
15J-5.0S-10.2			

Locate well on plat of section.

1. **Location:** State N.Y. County Putnam
   Nearest P. O. Brewster, N.Y. Direction from P. O.
   Distance from P. O. ___ miles; ___ ¼ sec. ___, T. ___, R. ___
   If in city, give street and number Town of Southeast
2. **Owner:** William K. Kirkland Address Indian Hill Farm
   Driller: P. F. Beal & Sons Address Brewster, N. Y.
   Mason Jos. Emerson Ellis
3. **Situation:** Is well on upland, in valley, or on hillside? hillside
4. **Elevation of top of well:** 570 ft. above (Above or below) the level of sea (Sea, depot, lake, or stream)
5. **Type of well:** drilled (Dug, driven, bored, or drilled); kind of drilling rig used ___ (Solid tool, jetting, rotary, etc.)
6. **Depth of well:** 300 ft.; year in which well was finished 1938
   Does well enter rock? yes; if so, at what depth? — ft.; kind of rock
7. **Diameter:** At top 6 inches; at bottom ___ inches.
8. **Principal water bed:** 45 gpm at 300' 15 gpm at 252' (Gravel, sand, clay, or rock. If rock, state kind)
   Depth to principal water bed ___ ft.; thickness of bed ___ ft.
   If other water supplies were found, give depth to each ___
9. **Casings:** Kind ___; size ___; length ___ ft.; between depths of ___ and ___ 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? no; 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 ___ ft. below surface.
11. **Pump:** Is the well pumped? yes; kind of pump Deming Deepwell Turbine
    size or capacity of pump ___; kind of power Electric 5 HP
12. **Yield:** Natural flow at present (if any) ___ gallons per minute; original flow ___ gallons per minute;
    well has been pumped at 40 gallons per minute continuously for ___ hours;
    quantity of water ordinarily obtained from well 500 gallons per day. est.
13. **Use:** For what purpose is the water used? Domestic 1 family
14. **Quality of the water:** Hard (Hard or soft, fresh or salty, etc.); is there an analysis? Bad (yellow)
15. **Cost of well,** not including pump: ___ Temperature of water ___ ° F.

Name of person filling blank 2 Page from Caretaker
Date June 1950 Address D. Grossman from Beal's records (5-6-50)

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

6—9642

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET From—	To—	THICKNESS, IN FEET	REMARKS (Especially information as to water found)
				see analysis sheet (N.S.) etc
		dre well Coed kitchen tap	dre well but kitchen tap	
Permutit analyses — from Beal.		2-19-40	2-19-40	
Analysis — 11-8-38		↓		
well — W.R. Kirkland				
Total hardness	70	26	26	
Alk A	78	53	53	
CO_2	3	3	4	
Cl	4 2.8	7 4.9	5 3.5	
SO_3	13 15	4 4.6	4 4.6	
Fe	0.2	0.4	0.4	
Turbidity	5	3	3	
Color	10	15	15	
PH	7.6	7.5	7.4	
Total Compensated hardness	4½	2	2	