P 482

9—255
(Jan. 1927)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Lake Carmel 7½' quad

RECORD OF WELL

Carmel 15' quad			
15 y 3.4 S - 5.6 E			

Locate well on plat of section.

1. **Location:** State New York County Putnam
   Nearest P. O. ____ Direction from P. O. ____
   Distance from P. O. ____ miles; ____ ¼ sec. ____, T. ____, R. ____
   If in city, give street and number Town of Patterson RFD1
2. **Owner:** Elin Gilstad Address Carmel, N.Y.
   Driller: Einar Gilstad Address Newton, Conn.
3. **Situation:** Is well on upland, in valley, or on hillside? hillside
4. **Elevation of top of well:** 670 ft. above (Above or below) the level of sea (Sea, depot, lake, or stream)
5. **Type of well:** dug (Dug, driven, bored, or drilled); kind of drilling rig used shovel (Solid tool, jetting, rotary, etc.)
6. **Depth of well:** 16 ft.; year in which well was finished 1932
   Does well enter rock? yes; if so, at what depth? bottom? ft.; kind of rock —
7. **Diameter:** At top 10' ~~inches~~; at bottom 3½' ~~inches~~.
8. **Principal water bed:** Unconsolidated (Gravel, sand, clay, or rock. If rock, state kind)
   Depth to principal water bed 15± ft.; thickness of bed ____ ft.
   If other water supplies were found, give depth to each ____
9. **Casings:** Kind fullstave lining; size 10'; length to ft.; between depths of 0 and 16 ft.
   Kind ____; size 3'; 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 none; kind —
   Screen or Strainer: Was well finished with screen? no; kind of screen —;
   length of screen — ft.; diameter — inches; size of openings —
10. **Head:** Does well at present overflow without pumping? yes when overflow froze up; did it overflow when new? no;
    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 - Jet;
    size or capacity of pump 10 GPM; kind of power electric
12. **Yield:** Natural flow at present (if any) ____ gallons per minute; original flow ____ gallons per minute;
    well has been pumped at no test gallons per minute continuously for — hours;
    quantity of water ordinarily obtained from well 120± gallons per day.
13. **Use:** For what purpose is the water used? Domestic
14. **Quality of the water:** Soft (Hard or soft, fresh or salty, etc.); is there an analysis? ____
    Temperature of water ____ ° F.
15. **Cost of well,** not including pump: ____
    Name of person filling blank J.J. Grossman from Gilstad family
    Date 5-26-50 Address U.S. Geol. Survey at Albany

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

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—		
Hardpan. No boulders	0	16	16	
Water pumped to 2000 gal. concrete tank				

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