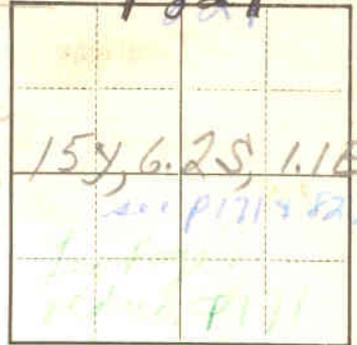


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

P821



Locate well on plat of section.

RECORD OF WELL

1. Location: State N.Y. County Putnam
 Nearest P. O. Mahopac Direction from P. O. N
 Distance from P. O. 3 miles; 1/4 sec. , T. , R.
 If in city, give street and number Town of Carmel

2. Owner: Camp Curtis Road Address Mahopac, N.Y.
 Driller: P.F. Beal and Sons Address Brewster, N.Y.

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

4. Elevation of top of well: 655 ft. above the level of mean sea level
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 28 ft.; year in which well was finished 1935

Does well enter rock? no; if so, at what depth? ft.; kind of rock

7. Diameter: At top 4 inches; at bottom 4 inches.

8. Principal water bed: sand and gravel
(Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 24 ft.; thickness of bed 4 ft.

9. Casings: Kind metal; size 4; length 28 ft.; between depths of 0 and 25 ft.
 Kind probably drop pipe; size ; length 22 ft.; between depths of and ft.
 Kind (see other side); 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? one probably does; did it overflow when new? yes;
 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 0 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump gasoline pump in 1940, elec pump;
 size or capacity of pump Century; kind of power in pump house

12. Yield: Natural flow at present (if any) gallons per minute; original flow gallons per minute;
 well has been pumped at 20 gpm from both wells combined gallons per minute continuously for hours;
 quantity of water ordinarily obtained from well 15 gal Beal (see back P171) gallons per day.

13. Use: For what purpose is the water used? Camp - City supply for 100 people - NYSDH at Roughkneep

14. Quality of the water: ; is there an analysis?

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

Name of person filling blank J. Grossman from Ross & Malcolm Beal
 Date Sept. 1953 Address U.S. Geol. Survey in Albany

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

Du Bois - LOG OF WELL (105)

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—		
Blue clay	0	20	20	
Muck	20	24	4	
Gray sand and gravel	24	28	4	
<p>Water pumped to two 500 gal. metal enclosed tanks by air pressure. The tanks are filled by enclosed suction & force pump.</p>				
<p>Soil Percolation test for proposed community toilet. - Results</p>				
Test Hole	Depth (inches)	Soil		
1	22"	clayey loam		1" in 25 minutes
2	38"	Mixture of loam and sandy clay		1" in 24 minutes
3	27"	Hole incomplete, large stones encountered		
4	24"	Clayey loam		1" in 24 minutes
5	22"	Sandy clay		1" in 20 minutes
6	36"	Rock ledge at 3 ft. depth encountered.		
<p>Location accord to H. Scorsich. (for Camp)</p> <p>Lake Carmel quad. 0.85" east of left hand border.</p> <p>6.20' south of top border.</p>				
<p>22' of drop pipe in each well according to NYS DH at Poughkeepsie.</p>				