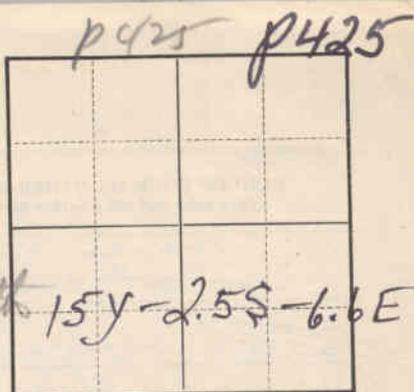


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

loc. d.



RECORD OF WELL

1. Location: State N.Y.S. County Rutland
Nearest P. O. Towners Direction from P. O. south
Distance from P. O. 1 miles; 1/4 sec. T., R. E
If in city, give street and number Town of Patterson

Locate well on plat of section.

2. Owner: Howard Burdick Address Towners, N.Y.
Driller: George Baker Address Whaley Lake, N.Y.

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

4. Elevation of top of well: 700 ft. above the level of sea (Sea, depot, lake, or stream)

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

6. Depth of well: 112 ft.; year in which well was finished 1949
Does well enter rock? yes; if so, at what depth? 15 ft.; kind of rock granite gneiss

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

8. Principal water bed: main water 90 ft. in shale (Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 90 ft.; thickness of bed 3 ft.

If other water supplies were found, give depth to each 50 ft. some water (good)

9. Casings: Kind steel; size 6"; length 32 ft.; between depths of 0 and 32 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 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; did it overflow when new? 1 ft. from top
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 3 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump gravity fed
size or capacity of pump may have pump; kind of power elec.

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;

well has been pumped at 15 gallons per minute continuously for 8 hours;

quantity of water ordinarily obtained from well _____ gallons per day. (p.l. 90 ft.)

13. Use: For what purpose is the water used? house, barn, 2 houses & barn

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

15. Cost of well, not including pump: \$610.00 Temperature of water 38.49 ° F.

Name of person filling blank W.S. for driller
Date 3-27-50 Address U.S.G. at 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.
44-9-30

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL <small>(Give color and tell whether hard or soft)</small>	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS <small>(Especially information as to water found)</small>
	From—	To—		
Unconsolidated Brown clay	0	15		
Shale (broken up)	15	33 #7	20 #7	
Granite pieces				
Schist (with black mica)	35	112	77	
Rock outcrops all on floor - drilled + logs.				
3000 gals of water ^{pressure} used.				
came to top 2 days after drilling				
st. level -	3 ft.			150 ft
pumping level	90 "			100 ft
Pumped 3000 gallons of water before test 8 hr. test.				
Pumped 15 gpm for 8 hrs.				
87 foot diameter				

$$\begin{array}{r}
 112 \\
 \times 55 \\
 \hline
 560 \\
 + 56 \\
 \hline
 616
 \end{array}$$