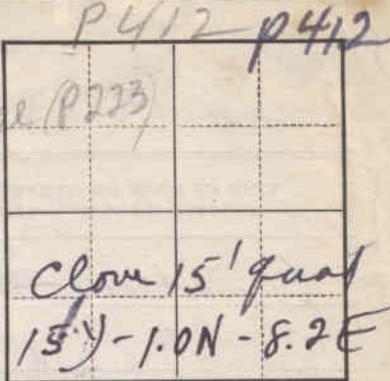


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

*See O.R. with in
same place
as the well (P. 233)*



RECORD OF WELL

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

2. Owner: Mr. Melch Address Patterson, N.Y.
Driller: George Parker Address Whaley Lane, N.Y.

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

4. Elevation of top of well: 450 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 33 ft.; year in which well was finished 1947
Does well enter rock? yes; if so, at what depth? 29 ft.; kind of rock shale

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

8. Principal water bed: shale schist. Hudson River Palisades
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 31 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each _____

9. Casings: Kind steel; size 6"; length 29'4" ft.; between depths of 0 and 29'4" 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? Yes; 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 5 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump SW
size or capacity of pump 3 GPM; 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 2 1/2 gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well _____ gallons per day.

13. Use: For what purpose is the water used? Dom - 1 fam

14. Quality of the water: _____; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: 7165.00 Temperature of water _____ ° F.

Name of person filling blank W. H. Allen

Date 3-29-50 Address 1131st ally

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—		
Boulders & quicksand	0	16	16	
Boulders and hardpan	16	29	13	
2/3 shale	29	33		
<p>Average speed = 10 1/2 ft. / day. Weighted speed = 14 feet per day.</p>				
<p>16 13 1/2 2 <hr style="width: 50%; margin-left: 0;"/> 31 1/2 10 1/2</p>				
<p>recomputed first 16 ft. = uncorrected last 2 feet probably worked only part of 1 day</p>				
<p>This well is about 5' higher than other ones there is a swale through here. Swampy</p>				
<p>well full of quicksand - owner. (10-20-51) another well drilled here later.</p>				