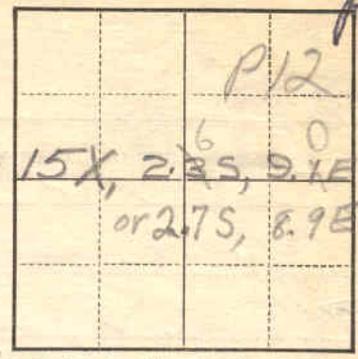


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

#12

West Point topo
Towaditch Kent

RECORD OF WELL



Locate well on plat of section.

1. Location: State NY County Putnam
 Nearest P. O. Cold Spring Direction from P. O. N.E
 Distance from P. O. 7 miles; 1/4 sec. _____, T. _____, R. _____

If in city, give street and number Town of Putnam Valley
Taconic State Parkway Commission Opposite
Supt. Connolly's Residence Stateburg, N.Y.

2. Owner: Fahnestock State Park - Address _____

Driller: P.F. Beal & Sons Address Brewster, NY
on rig - E. Ashby

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

4. Elevation of top of well: 1020 ft. above the level of sea
 (Above or below) (Sea, depot, lake, or stream)

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

6. Depth of well: 125 ft.; year in which well was finished Feb. 5, 1946
Beal - 124
 Does well enter rock? Yes; if so, at what depth? 16 ft.; kind of rock Gneiss

7. Diameter: At top 6 inches; at bottom _____ inches.
Asbestos granite
(Geologic map)

8. Principal water bed: Rock 20' PM Canada Hill granite
 (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 35 ft.; thickness of bed 15 ft.
at 124' yield is less than at 35-50 (only ca 1 GPM)

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

9. Casings: Kind steel; size 6; length 16 ft.; between depths of 0 and 16 ft.

Kind driller →; size 6; length 20' 8" ft.; between depths of 0 and 20' 8" 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? _____; 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 5.9 ft. below surface.

11. Pump: Is the well pumped? Yes; kind of pump Myers Deepwell Jet (set at 86 feet)
 size or capacity of pump _____; kind of power electric

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
Does not flow in dry weather
 well has been pumped at 1 1/2" driller gallons per minute intermittent continuously for 5 hours;
 quantity of water ordinarily obtained from well 250 (est) gallons per day.

13. Use: For what purpose is the water used? Domestic, 1 family - year round use.

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

15. Cost of well, not including pump: 1,000 at 8.00/ft. See page for Supt. Connolly Temperature of water _____ ° F.

Name of person filling blank U.S.G. from Myers Public
 Date 2/10/48 Address Health records, Poughkeepsie, N.Y.

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

See also ... from NYSDPW at Poughkeepsie ...
... E. Ashby 8-10-50

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—		
overburden	0	16		casing
Quartz rock micaceous all the way	16	125	109	water at 35'-50', lots of little seams of water - E. Ashby
* well grouted at end of casing.				
Well always adequate				
Spring at Roaring Brook has gone dry.				
from L. Page's notes info from Lt. Connelly				
CCC Camp in Sacandaga State Park - water				
from mine shaft.				
Morse Hill (CCC) Camp spring for water				
micaceous all the way				
11-25-46				
Analysis NYS Dept Health				
Tap in Connelly's residence				
Fe	0.25			
Fluoride	0.08			
NO ₃	0.06			
Cl	11.0			
Total hardness	148.0			
alk	84.0			
PH	7.5			