

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P 313 P 313

West Point Quad
15' quad

RECORD OF WELL

loc. D.K.
not found in Beards
records yet

West Point 15' Quad
15 x 6.1 S - 4.6 E

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

Locate well on plot of section.

2. Owner: Card & Cattle Inc Address Albany Post Rd. Philipstown, N.Y.

Driller: H.F. Beards & Sons Address Briarcliff, N.Y.
Bill Beards on rig.

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

4. Elevation of top of well: 435 ft. above the level of sea

5. Type of well: drilled; kind of drilling rig used core drill

6. Depth of well: 55 ft.; year in which well was finished 1930

Does well enter rock? yes; if so, at what depth? 15± ft.; kind of rock granite - may have 5'-6' clay.

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

8. Principal water bed: granite (Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 50 ft.; thickness of bed _____ ft.

If other water supplies were found, give depth to each none

9. Casings: Kind steel; size 6"; length 18 ft.; between depths of 0 and 18 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? 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 15.12 ft. below surface

11. Pump: Is the well pumped? yes; kind of pump forestry SW. low Myers Ejector

size or capacity of pump _____; kind of power electric

12. Yield: Natural flow at present (if any) Does not flow in dry weather gallons per minute; original flow _____ gallons per minute;

well has been pumped at 7 1/2 gallons per minute continuously for 24 hours;

quantity of water ordinarily obtained from well 2,000 gallons per day.

13. Use: For what purpose is the water used? Dom. - box, water - 7-14 employees, del

14. Quality of the water: No odor, taste, or carbon; is there an analysis? partial only

15. Cost of well, not including pump: _____ Temperature of water 52.5 ° F.

Name of person filling blank John H. N.Y. Dept at Poughkeepsie

Date 2-10-50 Address U.S.G. Albany

& Bill Beards 9-12-50 8-17-50 & Krossman from Mr. Stern

250 pages 7 177 200
 Bill Boord's - LOG OF WELL from memory NYSDOT

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—		
Loam Gravel	0	18	18	no water
Solid granite rock hard-grayish-black average speed 5'-6' day	18	55	37	"Water-bearing strata is granite" Water at 50'-52'
note: card sent to Calgan company for water analysis (by 1/2/49)				not answered.
Partial Analysis				
		Chlor	Int	9.93
7-1/2" pipe hitches cap	2.0	0.20		1.38
				9.55
Test pumped for 24 hrs at 7 1/2 GPM at 52 ft. & held up all time.				
Fuel pumped at 40-50 GPM to take off head.				15' 1/2
Well ran dry for 3 weeks in 1948 but not in 1949. Water pumped to 3,000 gallon storage tank				
Well only about 75-100 ft. from brook.				
Water pumped to 3,000 gal. storage tank Well only about 75-100 ft. from brook				
				52
				9
				43