

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

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1.25
+ 30
7.0 E
6.9

P10 #10
Water Analysis
Smith-Kardak
1895
Tel. Beacon

RECORD OF WELL

1. Location: State New York County Rutland
 Nearest P. O. _____ Direction from P. O. _____
 Distance from P. O. _____ miles; _____ 1/4 sec. _____, T. _____, R. _____
 If in city, give street and number Town of Phillipston
Geology info from my Kelly, Smith, etc. quiet around.
2. Owner: Mrs. Poley Address East Main Rd. Colerain, N.Y.
 Driller: P. J. Beal on Sons Address Brewster, N.Y.
H. Brown on N.Y.
3. Situation: Is well on upland, in valley, or on hillside? White valley
4. Elevation of top of well: 1120 ft. above the level of sea level
 (Above or below) _____ (Sea, depot, lake, or stream)
5. Type of well: hilled; kind of drilling rig used st
 (Dug, driven, bored, or drilled) _____ (Solid tool, jetting, rotary, etc.)
6. Depth of well: 50 ft.; year in which well was finished 1933
 Does well enter rock? yes; if so, at what depth? 15 ft.; kind of rock _____
7. Diameter: At top 6 inches; at bottom 6 inches. Average 16 ft. dia.
8. Principal water bed: rock Canada Hill granite
 (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed _____ ft.; thickness of bed 360 ft.
- If other water supplies were found, give depth to each no other water
9. Casings: Kind steel; size 6"; length 20 ft.; between depths of 0 and 20 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 mesh 150 PPM
 length of screen _____ ft.; diameter _____ inches; size of openings _____
10. Head: Does well at present overflow without pumping? yes; 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 flow ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump 580 ft of 3" within 6" casing
 size or capacity of pump _____; kind of power elect
12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at 120 gallons per minute continuously for 8 hours;
 quantity of water ordinarily obtained from well 500 gallons per day.
13. Use: For what purpose is the water used? farm - Dr - 3 families & help.
14. Quality of the water: Water Analysis by Smith & Knorr, N.Y.; is there an analysis? yes get it
 (Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: _____ Temperature of water _____ ° F.
- Name of person filling blank J. J. from driller H. Brown 8-15-50
8-15-50 Address 7 Mrs. Mrs. Poley
8-16-50

Dulich - LOG OF WELL (from memory)

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—		
Hardpan - no boulders	0	15	15	
Gray granite	15	50 1/2	35 1/2	water at 50'
<u>H. Brown</u>				
Bedrock outcrops all over property & within 100 ft. of house.				
Pumped 120 GPM! and about 30 ft.				
drank in 1 1/2 hrs.				
The well held up for another 7 hrs. at 120 GPM. at 30 ft. level.				