

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

P 481


Carmel 15' quod  
1570.15 - 6.6E  
see SP 91

RECORD OF WELL

1. Location: State New York County Putnam  
 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 Patterson Locate well on plat of section.
2. Owner: Moses G. Bloomer Address P.O. Box 12 Patterson, N.Y.  
 Driller: P. F. Deal & Sons Address Brewster, N.Y.  
H. Best
3. Situation: Is well on upland, in valley, or on hillside? small knoll
4. Elevation of top of well: 265 ft. above the level of sea  
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: drilled ; kind of drilling rig used core drill  
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 265 ft.; year in which well was finished 1933  
 Does well enter rock? yes ; if so, at what depth? 14 ft.; kind of rock limestone
7. Diameter: At top 6" inches; at bottom 6" inches.
8. Principal water bed: limestone  
(Gravel, sand, clay, or rock. If rock, state kind)  
 Depth to principal water bed 260-65 ft.; thickness of bed \_\_\_\_\_ ft.  
 If other water supplies were found, give depth to each a little water at 90'
9. Casings: Kind steel ; size 6" ; length 14 ft.; between depths of 0 and 14 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? No ; 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? 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 14 ft. below surface. 14 - 14 spring - rept.
11. Pump: Is the well pumped? yes ; kind of pump Meyers DW ;  
 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;  
 well has been pumped at 3/4 gallons per minute continuously for \_\_\_\_\_ hours;  
 quantity of water ordinarily obtained from well 200-300 gallons per day.
13. Use: For what purpose is the water used? Dom - 1 family (weekends+) + caretaker - all year round.
14. Quality of the water: Hard ; is there an analysis? yes (over)  
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.
- Name of person filling blank W. Grossman from Moses Bloomer  
 te 5-25-50 Address U.S. Geol. Survey at Albany

# 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—		
Soil	0	14	14	
Limestone	14	265	251	Little water at 90' Main water at bottom
Developed spring used for toilets & lawns.				

  

North & Patterson Road

N

Driveway

75'

well

House

1000'

from Road

Permutit Analysis

O.K.

~~Free~~

~~Water~~

~~Belong~~

~~to~~

~~the~~

~~owner~~

  

Permutit Analysis	7-8-37	1000'	Well -	Cellar top
Total hardness	236	✓		
alk	218	✓		
CO <sub>2</sub>	30	←		
Cl	3	←	deep	2.1 ✓
SO <sub>3</sub>	47	←	shallow	54 ✓
Fe	0.1	✓		
Turbidity	2	✓		
Color	0	✓		
PH	7.2	✓		

Total compensated hardness — 14