

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

loc. O.K.

P490


See P489 & P491  
Carmel 15' find  
15y-6.5S-10.9E

RECORD OF WELL

Locate well on plat of section.

- Location: State N.Y. County Putnam  
Nearest P. O. \_\_\_\_\_ Direction from P. O. \_\_\_\_\_  
Distance from P. O. \_\_\_\_\_ miles;  $\frac{1}{4}$  sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  
If in city, give street and number Town of Southeast
- Owner: Cornelius V. Stern Address Federal Hill, Brewster, N.Y.  
Driller: P. F. Beal and Sons Address Brewster, N.Y.  
man or rig C. Anderson
- Situation: Is well on upland, in valley, or on hillside? hillside
- Elevation of top of well: 76'4" ft. above the level of sea  
(Above or below)
- Type of well: drilled ; kind of drilling rig used core drill  
(Dug, driven, bored, or drilled) (See, denote lake, or stream)
- Depth of well: 300 ft.; year in which well was finished 1930 1931  
Does well enter rock? yes ; if so, at what depth? 27 ft.; kind of rock granite (gray)
- Diameter: At top 6 inches; at bottom 6 inches
- Principal water bed: gray granite dynamited at bottom  
Depth to principal water bed 11 ft.; thickness of bed \_\_\_\_\_ ft.  
(Gravel, sand, clay, or rock. If rock, state kind)
- Casings: Kind steel ; size 6" ; length 34 ft.; between depths of 0 and 34 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 \_\_\_\_\_
- 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 12 ft. below surface.
- Pump: Is the well pumped? yes ; kind of pump Myers DW 9" stroke ;  
size or capacity of pump \_\_\_\_\_ ; kind of power electric
- Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at 6 gallons per minute continuously for 4 hours;  
quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day. (See)
- Use: For what purpose is the water used? Dom - 2 houses & garage
- Quality of the water: clear - no iron as in P489 ; is there an analysis? yes (over)  
(Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank J. Grossman from Mrs. Jany-carataha's wife

Date 6-5-50 Address Usted Bay, Albany & Beal's records.

& Ch. Anderson 10-20-50

# Duller's - LOG OF WELL (from survey)

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—		
Cobblestones & hardpan	0	27	27	
Gray granite	27	350	323	a little softer on top 60 gpm at bottom after shooting

Only 1/2 gpm before shooting  
Water pumped to buried tank - 4' dia.; length unknown.  
Water fills swimming pool in 5 days (55,000 gal. swimming pool)  
so 11,000 gpd. or more than 7 1/2 gpm steady pumping for 5 days (flow slowed up by small dia. 3/4" pipe.)

Bedrock outcrops on property.

Permit Analysis: <sup>(from Paul)</sup> C.V. Starr 7-2-41 drill well.

Total hardness	107
alk A	87
CO <sub>2</sub>	9
Cl	9
SO <sub>3</sub>	25
Fe	0.1
Turbidity	1
Color	3
PH	7.3
Total comp. hardness	6 1/2

Baited at 106 p.m. for 4 hours with 338 ft. of drawdown.

Route 22

Another dug well (or spring) on property. Not much known about it.



Dug well or spring

350-400

(steep slope) bed rock

SWIMMING POOL

MAIN HOUSE

GREEN HOUSE

not to scale.

State line further away

STATE LINE N.Y. CONN.