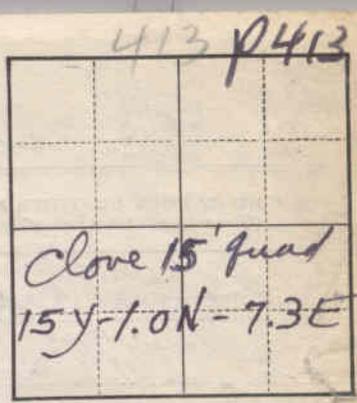


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH



RECORD OF WELL

- Location: State New York County Patterson  
Nearest P. O. Patterson Direction from P. O. in town  
Distance from P. O. \_\_\_\_\_ miles;  $\frac{1}{4}$  sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number Town of Patterson  
Western garage corner of main & Ireland St.
- Owner: Tom Melth Address Patterson, N.Y.  
Driller: George Baker Address Whaley Lake, N.Y.
- Situation: Is well on upland, in valley, or on hillside? valley
- Elevation of top of well: 445 ft. above the level of sea (Above or below) (Sea, depot, lake, or stream)
- Type of well: drl ; kind of drilling rig used st (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
- Depth of well: 100 ft.; year in which well was finished 1947  
Does well enter rock? yes; if so, at what depth? 23 ft.; kind of rock limestone
- Diameter: At top 8" inches; at bottom 6" inches.
- Principal water bed: limestone (Gravel, sand, clay, or rock. If rock, state kind)  
Depth to principal water bed 80 ft.; thickness of bed \_\_\_\_\_ ft. lots of water in top of rock  
If other water supplies were found, give depth to each little water at 45 ft.
- Casings: Kind steel; size 8"; length 23 ft.; between depths of 0 and 23 ft.  
Kind steel; size 6"; length 27 ft.; between depths of 0 and 27 ft.  
Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.
- Packers (if any): Depth at which packers were used ? No. Cemented; 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? X  
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 10 ft. below surface.
- Pump: Is the well pumped? yes; kind of pump SW  
size or capacity of pump 5 GPM; kind of power elec.
- Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;  
well has been pumped at 15 gallons per minute continuously for 8 hours;  
quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day.
- Use: For what purpose is the water used? 2 families & garage
- Quality of the water: \_\_\_\_\_; is there an analysis? \_\_\_\_\_  
(Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: \$625.00 Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank Eng. from driller

Date 3-29-50

Address UKS at Albany

# LOG OF WELL

*Double cased*

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—		
<i>Sand and fine silt</i>	0	23	23	
<i>Rock Limestone</i>	45			
<i>Little water at</i>	45			
<i>" Water at</i>	80'			
<i>" Water level 10' at</i>	100'			
<i>This is 1 rule for other mud wells</i>				
<i>A lot of water at top of rock too.</i>				
<i>Average drilling speed = 9 ft./day, computed</i>				
	20			<i>Overburden</i>
	5			
	8			
	7			
	6			
	5			
	10			
	10			
	10			
	7			
	8			
	11	196		
		25		
		972 1/2		