

P143
Crater Falls
7 1/2' quod

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P143

Crater Falls 7 1/2'	quod
2.25	
10.3E	
Crater 15' quod	
15Y	9.75; 5.2E

P143

RECORD OF WELL

- Location: State N. Y. 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 Southeast
- Owner: Formerly Weill Present owner Route 22 to Brewster
Lane Address Rt 202 near Crater Falls
 Driller: Louis Malanchuk & Son Address Crater Falls, N. Y.
- Situation: Is well on upland, in valley, or on hillside? hillside
- Elevation of top of well: 345 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)
- Type of well: dug; kind of drilling rig used standard
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
- Depth of well: 225 ft.; year in which well was finished 1941
250-600 Malanchuk
 Does well enter rock? no; if so, at what depth? _____ ft.; kind of rock _____
- Diameter: At top 6" inches; at bottom 6" inches.
- Principal water bed: no water. Dry hole
(Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed _____ ft.; thickness of bed _____ ft.
 If other water supplies were found, give depth to each _____
- Casings: Kind steel; size 6"; length 140 (approx) ft.; between depths of 14 and 154 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? none; 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 _____ ft. below surface.
- Pump: Is the well pumped? no; kind of pump _____;
 size or capacity of pump _____; kind of power _____
- Yield: Natural flow at present (if any) 0 gallons per minute; original flow 0 gallons per minute;
 well has been pumped at _____ gallons per minute continuously for _____ hours;
 quantity of water ordinarily obtained from well 0 gallons per day.
- Use: For what purpose is the water used? not used. Dry hole.
- Quality of the water: _____; is there an analysis? _____
(Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: _____ Temperature of water _____ ° F.

June 1949 - Page _____ Name of person filling blank J. D. Grossman from both drillers &
Date 2-26 4-5-50 (DSS) Address L. Page from driller

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

+ 7-20-50 (DSS)

T-4 50

LOG OF WELL

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—		
<p>well drilled to 80 feet where a white substance reported to be "bauxite" was found - 60 feet of this material then different colored clays - no bedrock encountered - no water which out crops up the hill from this well about 40' higher in elevation about 250' (Chong dist) away ← to Page</p> <p style="text-align: right;">Driller's log (from memory) - to J.S.S.</p>				
Clay	0	80	80	
"Bauxite" White	80	140	60	Would not stand up. Ran like cream.
Clay (all different colors)	140	225	85	massy yellow.

Probably fault gouge.

Average speed about 19 ft./day - est. - J.S.S.

Driller's Record

we drilled close to 80 feet before we put in the 6 inch pipe with a drive shoe on it. The pipe went down good for quite ways but the clay kept pushing against it and it finally slowed right down. The only way we could get down without the stuff pushing in under the pipe was by keeping the hole full of water. We put in 154 feet of casing before it stopped and then we tried going without it. We got down 225 feet and then doubting the success of going any farther the boss told us to stop. At about 80 feet we hit a white substance that proved to be bauxite. This lasted for about 60 feet and then we had all different colors of clay. On some days we made 30-40 and one time made nearly 50 feet, but the stuff was so soft it wouldn't stand up even with the water. It would fill up quite a little over night. The hole is 30 inches in diameter since the hole was sealed rather tight in \$100 would be enough. We were here only about 2 weeks. Three top pieces of casing (short lengths) came off the top. The rest is still there and a boulder fell in on the top of that because we couldn't get the tools in afterwards.

225 feet at one time
 154 feet of pipe in at one time - hit no water of any kind.
 Tore the machine down on Saturday July 5, 1941.