

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P461

Close 15' from
15y-1.8N-9.0E

RECORD OF WELL

1. 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 Patterson

Locate well on plat of section.

2. Owner: Isabel Rose Jones Address Patterson, N. Y.
 Driller: Starr West Jones Address " " "

3. Situation: Is well on upland, in valley, or on hillside? upland

4. Elevation of top of well: 715 ft. above the level of sea (Above or below) (Sea, depot, lake, or stream)

5. Type of well: dug; kind of drilling rig used shovel (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 6 ft.; year in which well was finished 1929
 Does well ^{touch} enter rock? yes; if so, at what depth? 6 ft.; kind of rock quartz schist

7. Diameter: At top 36" x 48" inches; at bottom same inches.

8. Principal water bed: silt Pleistocene till (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 2 ft.; thickness of bed 4 ft.

If other water supplies were found, give depth to each _____

9. Casings: Kind fieldstone; size 36" x 48" length 6 ft.; between depths of 0 and 6 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? _____; kind of screen gravel floor;
 length of screen _____ ft.; diameter _____ inches; size of openings 1 ft. of gravel on bottom

10. Head: Does well at present overflow without pumping? no; 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 1 1/2 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump Shallow well Montgomery Ward;
 size or capacity of pump _____; kind of power elec.

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
 well has been pumped at went dry from Sept. 15 - Nov. 15 gallons per minute continuously for _____ hours;
 quantity of water ordinarily obtained from well ? gallons per day.

13. Use: For what purpose is the water used? Domestic - 1 family

14. Quality of the water: _____; is there an analysis? pending

15. Cost of well, not including pump: _____ Temperature of water 47 ° F.

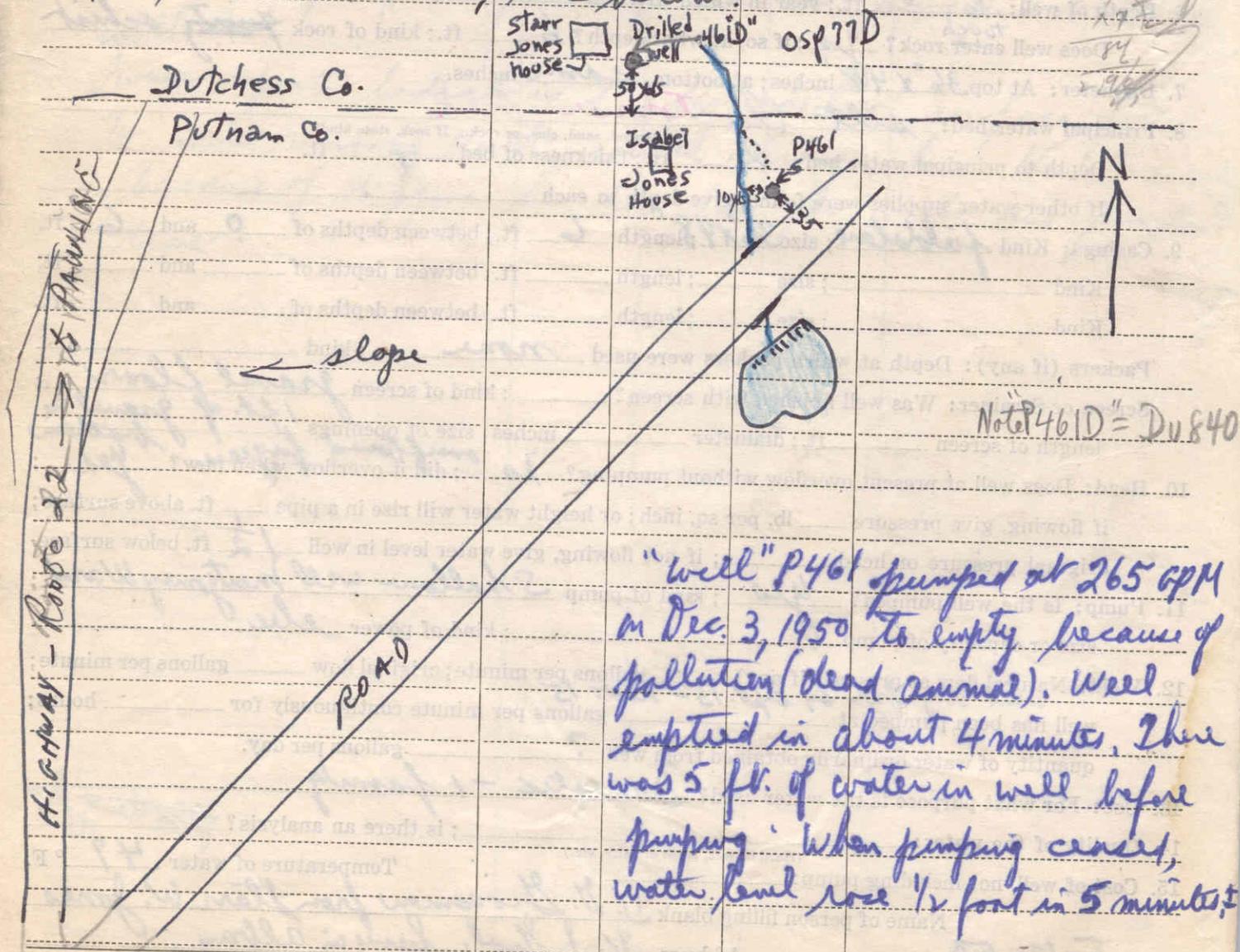
Name of person filling blank J. D. Grossman from Starr W. Jones
 Date 5-10-50 Address V. S. Geol. Survey in Albany

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—		
Swampy soil	0	2	2	
Silt in thin layers with clay & rock	2	6	4	
Quartz mica schist at 6				

This well was formerly a spring.

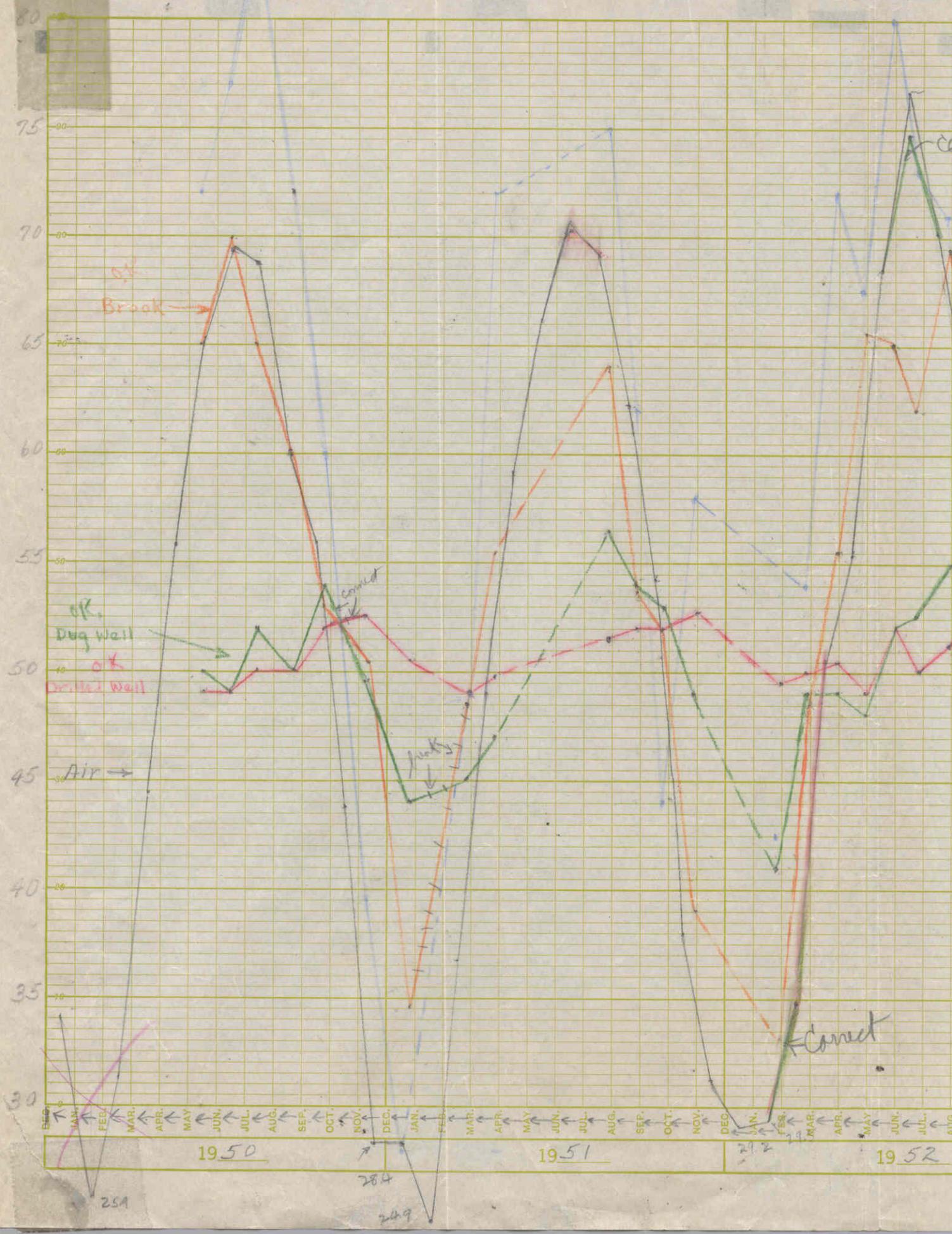
For location sketch, see below:



T. PATTERSON

Thermograph of drilled well Du 840, dug well P461, br
 water temperatures collected by S

Temperature in degrees Fahrenheit



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—		
Soil	0	3	3	
Quartz biotite schist	3	20	17	with garnets & muscovite.
" " "	20	40	20	no garnets. "
" " "	40	65	25	" " Water at 40 or 42 feet.
" " "	65	73	8	no garnets.

Specimens examined by D. G. Grossman

Duller pumped ^{total of} 3,000 gallons (for several hours) and dries up well.

Owner reports bedrock is 2-3 feet below surface for 1/4 mile running North-south through here. He knows because of digging he has done for wells and foundations.

main water bed, etc.
with George Baker

UNITED STATES
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GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

spot ground
patterson

("461D") DU 840

(duplicate) ↗	
Close	15 quod
15Y	-1.8N-9.0E
about 35 yds	into Dutchess
	County

RECORD OF WELL

Dutchess
Patterson

1. Location: State N.Y. County Patterson-Dutchess boundary
Nearest P. O. Patterson Direction from P. O. NE
Distance from P. O. 2 1/2 miles; 1/4 sec. _____, T. _____, R. _____
If in city, give street and number Town of Pawling
Windyfarm"

Locate well on plat of section.

2. Owner: Starr West Jones Address Patterson, N.Y.
Driller: George Baker Address Whaley Lake, N.Y.

3. Situation: Is well on upland, in valley, or on hillside? Small terrace in hillside

4. Elevation of top of well: 710 ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: drilled; kind of drilling rig used standard
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 73 ft.; year in which well was finished 1947 (fall)
Does well enter rock? yes; if so, at what depth? 3 ft.; kind of rock schist

7. Diameter: At top 6 inches; at bottom 6 inches.

8. Principal water bed: schist
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 40-42 ft.; thickness of bed 7 ft.

If other water supplies were found, give depth to each _____
9. Casings: Kind steel; size 6"; length 24 ft.; between depths of 0 and 24 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 _____

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 24 ^{measured} ft. below surface.

11. Pump: Is the well pumped? not yet; kind of pump _____;
size or capacity of pump _____; kind of power will use electricity prob.

12. Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 3000 gallons per minute continuously for _____ hours;
quantity of water ordinarily obtained from well _____ gallons per day.

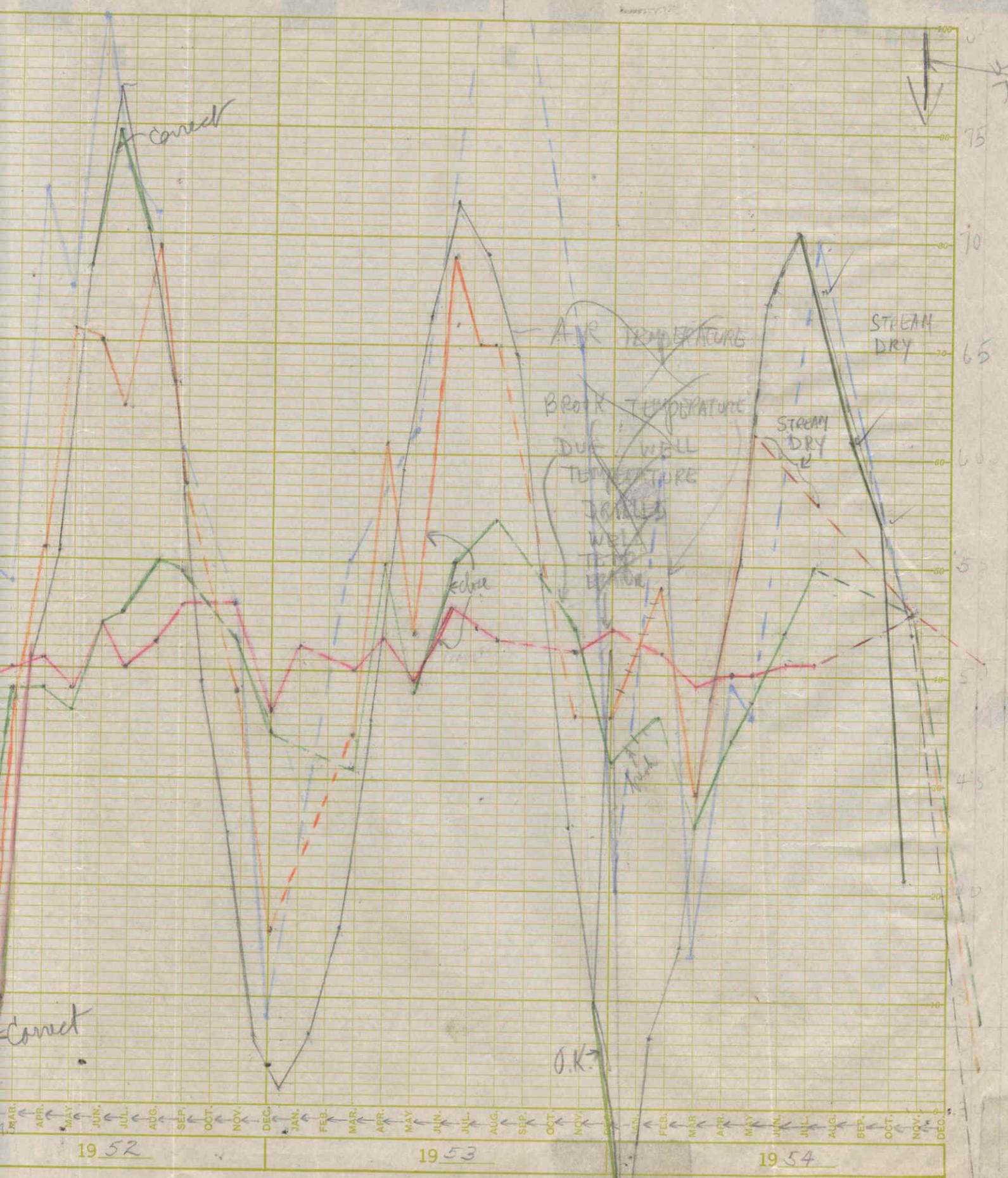
13. Use: For what purpose is the water used? not used yet

14. Quality of the water: _____; is there an analysis? _____

15. Cost of well, not including pump: \$395.00 - \$400.00 (Hard or soft, fresh or salty, etc.) Temperature of water _____ ° F.

Name of person filling blank Elbrossman from owner
Date 5-11-50 Address U.S. Geol. Survey at Albany

and
 P461, brook and air temperatures at Windyfarm (Carmel)
 collected by Starr D. Jones



MAR. APR. MAY JUN. JUL. AUG. SEP. OCT. NOV. DEC. 1952
 JAN. FEB. MAR. APR. MAY JUN. JUL. AUG. SEP. OCT. NOV. DEC. 1953
 JAN. FEB. MAR. APR. MAY JUN. JUL. AUG. SEP. OCT. NOV. DEC. 1954

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 2/25/53