

INTERVAL SHEET

Page 1

VDMR WELL NO. 533

Date 9-19-61

Sample Interval: from 20 to 300

PROP: R. F. Firestone

Total Depth \_\_\_\_\_

COMP: R. L. Obenchain

Oil \_\_\_\_\_ Gas \_\_\_\_\_ Water X \_\_\_\_\_ Exploratory \_\_\_\_\_

COUNTY: Botetourt

Cuttings X Core \_\_\_\_\_ Other \_\_\_\_\_

| From-To | From-To         | From-To | WASHED SAMPLES<br>From-To         | From-To |
|---------|-----------------|---------|-----------------------------------|---------|
| -       | 20-30           | -       | -                                 | -       |
| -       | 30-40           | -       | Complete set of sampled intervals | -       |
| -       | 40-50           | -       | -                                 | -       |
| -       | 60-70           | -       | -                                 | -       |
| -       | 70-80           | -       | -                                 | -       |
| -       | 80-90           | -       | -                                 | -       |
| -       | 90- <u>100</u>  | -       | -                                 | -       |
| -       | 110-115         | -       | -                                 | -       |
| -       | 115-120         | -       | -                                 | -       |
| -       | 120-130         | -       | -                                 | -       |
| -       | 130-140         | -       | -                                 | -       |
| -       | 140-150         | -       | -                                 | -       |
| -       | 150-160         | -       | -                                 | -       |
| -       | 160-170         | -       | -                                 | -       |
| -       | 170-180         | -       | -                                 | -       |
| -       | 180-190         | -       | -                                 | -       |
| -       | 190- <u>200</u> | -       | -                                 | -       |
| -       | 200-210         | -       | -                                 | -       |
| -       | 210-220         | -       | -                                 | -       |
| -       | 220-230         | -       | -                                 | -       |
| -       | 230-240         | -       | -                                 | -       |
| -       | 240-250         | -       | -                                 | -       |
| -       | 250-260         | -       | -                                 | -       |
| -       | 260-270         | -       | -                                 | -       |
| -       | 270-280         | -       | -                                 | -       |
| -       | 280-290         | -       | -                                 | -       |
| -       | 290- <u>300</u> | -       | -                                 | -       |
| -       | 300-            | -       | -                                 | -       |
| -       | -               | -       | -                                 | -       |
| -       | -               | -       | -                                 | -       |

COMMONWEALTH OF VIRGINIA  
 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT  
 DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WCCR 57  
 VDMR 533

WATER WELL COMPLETION REPORT

OWNER: Ray E. Firestone Mailing Address: P. O. Box 127, Troutville, Virginia  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: R. L. Obenchain Mailing Address: 7317 Williamson Road  
 WELL LOCATION: County Botetourt Approx. 300 ft. ft. miles  
North (direction) of Troutville El. School and \_\_\_\_\_ ft. miles of \_\_\_\_\_  
 (Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH  
 70

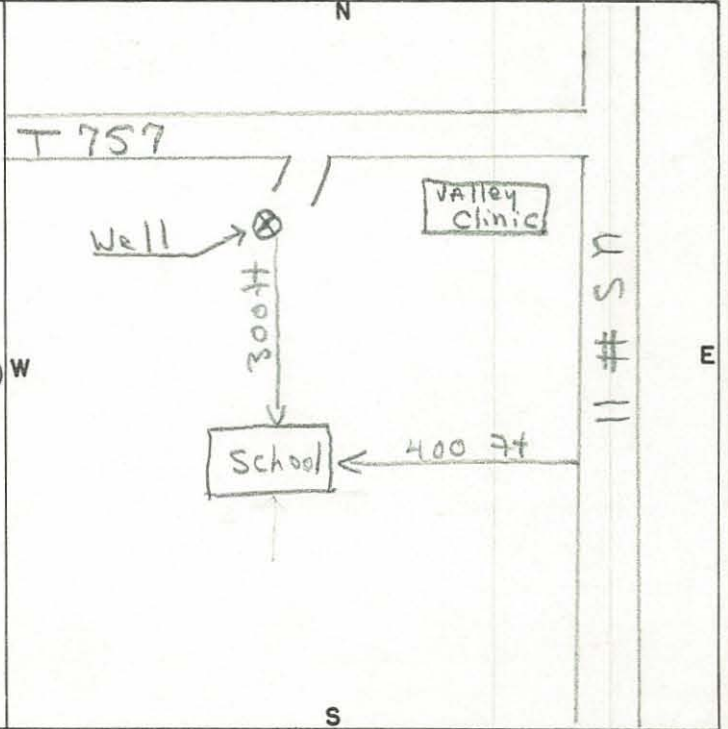
STATIC WATER LEVEL \_\_\_\_\_  
 WATER ZONES (fissures or formations supplying water)  
125 (from) ft. 126 1/2 (to) ft. 195 (from) ft. 197 (to) ft.  
295 (from) ft. 296 (to) ft. \_\_\_\_\_ (to) ft.

QUANTITY OF WATER

\* WELL PUMPED (or bailed) at 75 Gal. per Min. with  
no feet DRAWDOWN after 160 HOURS PUMPING.  
 \*\* FLOW (natural) 175 G.P.M. HEAD \_\_\_\_\_ ft. (above ground) W  
 \*Bailer capacity \_\_\_\_\_  
 REMARKS: \_\_\_\_\_  
 \*\* Estimated capacity of well \_\_\_\_\_

QUALITY OF WATER

COLOR clear TASTE good  
 ODOR none OTHER \_\_\_\_\_  
 ANALYSIS: AVAILABLE - Yes  No  ATTACHED Yes  No   
 TEMPERATURE \_\_\_\_\_  
 WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
 (salt, brackish, iron, sulfur, acid, other)  
 USE OF WATER: Domestic  Town  Industry  Farm  Public



CONSTRUCTION

RIG TYPE (or method) cable  
 (rotary, cable, bored, driven, etc.)  
 DATE: Started Nov. 1960; Completed May 12, 1961  
 TOTAL DEPTH 300 ft.  
 BEDROCK at 17 ft.

GROUTING INFORMATION

METHOD USED Poured - thin  
 GROUTING MATERIAL raw cement and water  
 DEPTH OF GROUTING 100 ft.

HOLE SIZE

8 (diam) in. 0 (from) ft. 300 (to) ft.

CASING SIZE

8 (diam) in. 0 (from) ft. 100 (to) ft.

SCREEN (or perforations)

(diam.) (from) (to) (opening size)  
 \_\_\_\_\_ in. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

PUMP (installed)

TYPE Turbine Cap. (gpm) 175  
 H.P. 15 Depth of intake 256 ft.

REMARKS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

LOG

FURNISHED BY R. L. Obenchain

DATE: May 12, 1961

| DEPTH (feet) |     | TYPE OF SOIL OR ROCK PENETRATED<br>(gravel, clay, etc., hardness, color, etc)  | REMARKS<br>(water, caving, shot, screen, sample, etc) |
|--------------|-----|--|---|
| FROM         | TO  |  |   |
| 0            | 17  | Clay<br>According to samples mailed  |   |
| 17           | 300 |  |   |
|              |     |  |   |
|              |     | <p>WATER CONDITIONS</p> <p>DEPTH</p> <p>STATIC WATER LEVEL</p> <p>WATER ZONES (pressure in formation and/or water)</p> <p>100 (feet)</p> <p>200 (feet)</p> <p>QUANTITY OF WATER</p> <p>WELL PUMPED (or pulled) at _____ gpm per min with _____ feet drawdown after _____ hours pumping.</p> <p>FLOW (natural) _____ gpm HEAD _____ (ft above ground)</p> <p>REMARKS: * water capacity of well</p> <p>QUALITY OF WATER</p> <p>COLOR clear</p> <p>TASTE good</p> <p>ODOR none</p> <p>OTHER _____</p> <p>ANALYSIS AVAILABLE - test kit attached with log</p> <p>TEMPERATURE _____</p> <p>WATER _____</p> <p>USE OF WATER _____</p> <p>CONSTRUCTION</p> <p>TYPE of casing _____</p> <p>DATE started Nov. 1960 Completion May 12, 1961</p> <p>TOTAL DEPTH _____</p> <p>BEDROCK at _____</p> <p>GRouting INFORMATION</p> <p>METHOD used _____</p> <p>GRouting material saw cement and water</p> <p>DEPTH OF GRouting _____</p> <p>REMARKS:</p> |   |

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VDMR # 533  
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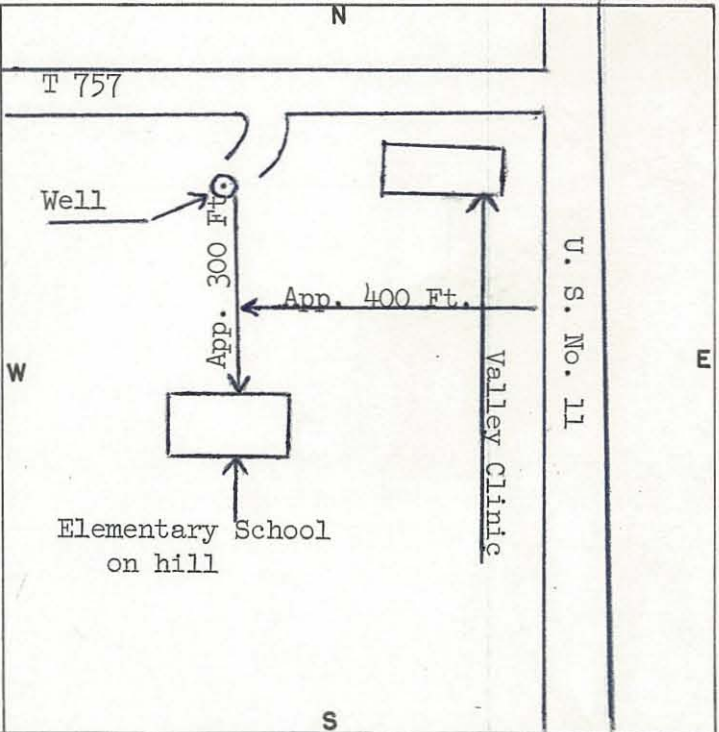
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(Give direction and distance in feet or tenths of mile from two reference points - roads, towns, rivers, etc. - on county highway or other map.)

WATER CONDITIONS

DEPTH  
STATIC WATER LEVEL 70  
WATER ZONES (fissures or formations supplying water)  
125 (from) ft. 126 1/2 (to) ft. 195 (from) ft. 197 (to) ft.  
295 ft. 296 ft. \_\_\_\_\_ ft. \_\_\_\_\_ ft.  
QUANTITY OF WATER  
WELL ~~PUMPED~~ (or bailed) at 75 Gal. per Min. with  
No feet DRAWDOWN after 160 HOURS PUMPING.  
FLOW (natural) 175 G.P.M. HEAD 10 ft. (above ground)  
REMARKS: \_\_\_\_\_

QUALITY OF WATER  
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ODOR none OTHER \_\_\_\_\_  
ANALYSIS: AVAILABLE - Yes  No  ATTACHED Yes  No   
TEMPERATURE \_\_\_\_\_  
WATER (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft.  
(salt, brackish, iron, sulfur, acid, other)  
USE OF WATER: Domestic  Town  Industry  Farm  Public



CONSTRUCTION

RIG TYPE (or method) X (rotary, cable, bored, driven, etc.)  
DATE: Started Nov. 1960, Completed May 12, 1961  
TOTAL DEPTH 300 ft.  
BEDROCK at 17 ft.

HOLE SIZE (diam) 8 in. (from) \_\_\_\_\_ ft. (to) 300 ft.  
CASING SIZE (diam) 8 in. (from) \_\_\_\_\_ ft. (to) 100 ft.  
SCREEN (or perforations) (diam.) None (from) \_\_\_\_\_ ft. (to) \_\_\_\_\_ ft. (opening size)

GROUTING INFORMATION

METHOD USED Poured - thin  
GROUTING MATERIAL raw cement and water  
DEPTH OF GROUTING 100 ft.

PUMP (installed)  
TYPE Turbine . Cap. (gpm) 175  
H.P. 15 . Depth of intake 256 ft.

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LOG

FURNISHED BY

R. L. Obenshain

DATE:

May 12, 1961

| DEPTH (feet)             |     | TYPE OF SOIL OR ROCK PENETRATED<br>(gravel, clay, etc., hardness, color, etc) | REMARKS<br>(water, caving, shot, screen, sample, etc) |
|--------------------------|-----|---|---|
| FROM                     | TO  |   |   |
| 0                        | 17  | Clay<br>According to samples mailed   |   |
| 17                       | 300 |   |   |
|                          |     |   |   |
| CASING SIZE              |     | HOLE SIZE   | CONSTRUCTION  |
| 100                      |     | 300   | X   |
| ROBBEN (or perforations) |     |   |   |
| PUMP (make)              |     |   |   |
| TYPE Turbine             |     |   |   |
| Depth of intake          |     |   |   |

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