

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

Box 3667, University Station, Charlottesville, Virginia

WWCR-42
VDMR - 477

WATER WELL COMPLETION REPORT

OWNER: Mrs. Palmer Judd Mailing Address: R. F. D. Luray, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co., Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County _____ Page _____ Approx. _____ ft. miles _____
 (direction) of _____ 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

STATIC WATER LEVEL 35

WATER ZONES (fissures or formations supplying water)

(from)	(to)	(from)	(to)
_____ ft. _____	_____ ft. _____	_____ ft. _____	_____ ft. _____

QUANTITY OF WATER

WELL PUMPED (or bailed) at 25 Gal. per Min. with
60 feet DRAWDOWN after 10 HOURS PUMPING.

FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**

REMARKS: _____

N

Farm house about 2 miles east of Luray, Va. on south side of U. S. Highway no. 211

(near the proposed location of Luray's "Factory Mutual")

QUALITY OF WATER

COLOR light clay - will clear with pumping TASTE O.K.

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

E

CONSTRUCTION

RIG TYPE (or method) Air Rotary
(rotary, cable, bored, driven, etc...)

DATE: Started 9-26-60; Completed 9-27-60

TOTAL DEPTH 105 ft.

BEDROCK at ? ft.

HOLE SIZE

(diam.)	(from)	(to)
<u>6</u> in.	<u>0</u> ft.	<u>105</u> ft.

CASING SIZE

(diam.)	(from)	(to)
<u>6</u> in.	<u>0</u> ft.	<u>?</u> ft.

5" Reliner - to 105'

SCREEN (or perforations)

(diam.)	(from)	(to)	(opening size)
_____ in.	_____ ft.	_____ ft.	_____

GROUTING INFORMATION

METHOD USED _____

GROUTING MATERIAL _____

DEPTH OF GROUTING _____

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: This well was originally drilled by a local driller. The well is in weathered shales. The walls near the bottom of the casing sloughed in cutting off the water and damaged the pump. This well would pump 1 gpm from 65' with lots of mud.

The Air Rig was put on the hole and lots of mud and weathered shale removed. The shale was not stable so a 5" relining pipe was placed to 105' or the bottom. This pipe was slotted - The well was developed by surging and air lifting.

The well air lifted 50 gpm before placing slotted pipe - 25 gpm after placing pipe and 10 hrs. developing - several samples saved for Division of Mineral Resources.

Log of well (over)

42

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

Box 3667, University Station, Charlottesville, Virginia

VDMR# 477

WATER WELL COMPLETION REPORT

OWNER: Mrs. Palmer Judd Mailing Address: R.F.D. Luray, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County Page Approx. _____ ft. _____ miles
 _____ (direction) of _____ and _____ 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

STATIC WATER LEVEL 35
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.
 _____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 25 Gal. per Min. with
60' feet DRAWDOWN after 10 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: _____

QUALITY OF WATER

COLOR light clay - will clear with pumping TASTE ok
 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) Air Rotary
 (rotary, cable, bored, driven, etc...)
 DATE: Started 9-26-60; Completed 9-27-60
 TOTAL DEPTH 105 ft.
 BEDROCK at 7 ft.

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

REMARKS: This well was originally drilled by a local driller. The well is in weathered shales. The walls near the bottom of the casing sloughed in cutting off the water and damaged the pump. This well would pump 1 G.P.M. from 65' with lots of mud. The Air Rig was put on the hole and lots of mud and weathered shale removed. The shale was not stable so a 5" Relieving pipe was placed to 105 on the bottom. This pipe was slotted - The well was developed by surging and air lifting.

The well air lifted 50 G.P.M. Before placing slotted pipe
 25 G.P.M. after placing pipe and in this developing
 Several shale samples saved For Division of Mineral Resources.

N

Farm Home about 2 miles East of Luray, Va. on South side of U.S. Hwy. No. 11 ?(211)

(Near The proposed location of Luray's "Factory mutual")

S

HOLE SIZE

(diam) (from) (to) ft.
6 in. 0 ft. 105 ft.

CASING SIZE

(diam) (from) (to) ft.
6 in. 0 ft. 7 ft.
5" Relieve - to 105'

SCREEN (or perforations)

(diam) (from) (to) ft. (opening size)

PUMP (installed)

TYPE _____ Cap. (gpm) _____
 H.P. _____ Depth of intake _____ ft.

