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INTERVAL SHEET

Page 1

VDMR WELL NO. : WELL NO. 0306

Sample Interval: from 95 to 370

PROP: **UNITED ELASTIC CORP.**
COMP: **SYDNOR PUMP & WELL** Total Depth _____

COMP: **COUNTY: PATRICK**
VDMR WELL NO: 0306 Oil _____ Gas _____ Water Exploratory _____

COUNTY: **FROM: 95 TO: 370** Cuttings Core _____ Other _____

From-To	From-To	From-To	From-To	From-To
95-	-	-	-	-
100-	-	-	-	-
120-	-	-	-	-
130-	-	-	-	-
140-	-	-	-	-
150-	-	-	-	-
160-	-	-	-	-
170-	-	-	-	-
184-	-	-	-	-
184-	-	-	-	-
205-	-	-	-	-
210-	-	-	-	-
220-	-	-	-	-
230-	-	-	-	-
240-	-	-	-	-
250-	-	-	-	-
260-	-	-	-	-
270-	-	-	-	-
280-	-	-	-	-
292-	-	-	-	-
300-	-	-	-	-
310-	-	-	-	-
320-	-	-	-	-
330-	-	-	-	-
340-	-	-	-	-
350-	-	-	-	-
360-	-	-	-	-
370-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

Interval Sheet

Sheet No. _____

UNITED STATES
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
WASHINGTON, D.C. 20540

--- Cuttings

--- Core

--- Water Well

--- Gas Well

From-To

From-To

From-To

From-To

From-To

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Total Depth _____

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

WWCR# 6
 VDMR# 306

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: United Elastic Corporation Mailing Address: Stuart, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co. Mailing Address: P.O. Box 1476, Richmond 12, Va.
 WELL LOCATION: County: Patrick(S of Town Line) Approx. 1349 ft. miles
E (direction) of Va. Route No. 8 and 600 ft. miles S of Sec. Road No. 681

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

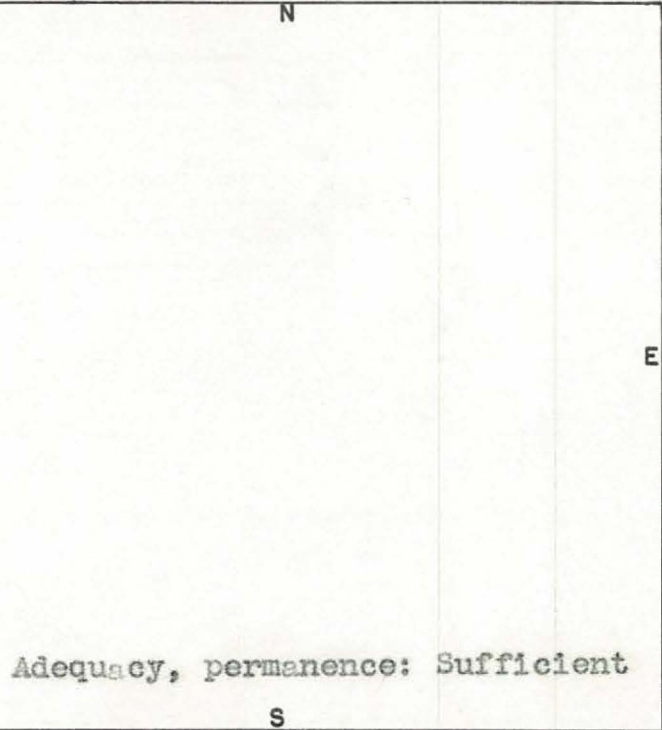
WATER CONDITIONS

DEPTH
 STATIC WATER LEVEL 14' below surface
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft.
 _____ ft. _____ ft.

QUANTITY OF WATER
 WELL PUMPED (or bailed) at 337 Gal. per Min. with
135 feet DRAWDOWN after 72 HOURS PUMPING.
 FLOW (natural) none G.P.M. HEAD _____ ft. (above ground)

REMARKS: Test at 300' well dept. only
60 gpm. Water hit at 375'

QUALITY OF WATER
 COLOR Clear TASTE Good
 ODOR None OTHER _____
 ANALYSIS: AVAILABLE— Yes No ATTACHED Yes No
 TEMPERATURE 58°
 _____ 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 2-8-59; Completed 4-22-59
 TOTAL DEPTH 380 ft. Completed test
 BEDROCK at 30 ft. May 16

HOLE SIZE		CASING SIZE	
(diam)	(from) (to)	(diam)	(from) (to)
<u>16</u>	<u>surf.</u> <u>34</u>	<u>16</u>	<u>surf.</u> <u>34</u>
<u>12</u>	<u>34</u> <u>124</u>	<u>12</u>	<u>34</u> <u>60'</u>
<u>10</u>	<u>125</u> <u>380</u>	<u>40</u>	<u>125</u>

SCREEN (or perforations)
12 in. (from) 9 ft. 105 ft. Bad mining conditions
cased 8"

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL Portland cement
 DEPTH OF GROUTING 60'6" (On outside 12" casing)

10" 375' PUMP (installed) 12"
 TYPE Turbine* Cap. (gpm) 200
 H.P. 20 Depth of intake 220 ft.

REMARKS: (Dr. Cooper of VPI told Mr. Church the reason for the good yields
here is because of a high calcium content marble that is
soluble like limestone.)

* 9 stage, 8" intake

Surface elevation: 1180'
 Samples sent 95' to 370'

WATER WELL COMPLETION REPORT

Department of Conservation and Economic Development

VIRGINIA DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

6

W-0302

OWNER: United Elastic Corporation Address: Stuart, Va.

TENENT: _____

WELL LOCATION: Town South of Town Line, County Patrick, Approx. 13.9 miles
E (direction) of Va. Route No. 8 and 600 ft. South of Sec. Road No. 681

(Give directions and distance in feet or tenths of miles from two reference points shown on topographic or county highway maps.)

DRILLER: Sydnor Pump & Well Co.
Address: P. O. Box 1476, Richmond, 12 Virginia

LOCATION SKETCH OR MAP TRACING

N

W

E

S

WATER CONDITIONS

DEPTH

STATIC WATER LEVEL 14' below surface

WATER (aquifers):
(from) (to) (from) (to)
_____ ft. _____, _____ ft. _____
_____ ft. _____, _____ ft. _____

YIELD

WELL PUMPED (or bailed) at 337 G.P.M. with 135 ft. DRAWDOWN
after 72 hrs. PUMPING.

ARTESIAN (natural) FLOW None G.P.M.; HEAD _____ ft. (above grnd.)

REMARKS: Test at 300' well dept. only 60 G.P.M.
Water hit at 375'

QUALITY OF WATER

COLOR Clear TASTE Good
ODOR None OTHER _____

ANALYSIS: AVAILABLE - Yes No ; ATTACHED - Yes No

TEMPERATURE 58°
_____ (from) _____ (to)
_____ WATER _____ ft. _____ ft.
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER

FOR Industrial Plant
(domestic, town, industry, irrigation, etc.)
ADEQUACY, PERMANENCE Sufficient

PUMP (installed)

TYPE Turbine 7" intake CAPACITY GPM 200
(Not Ordered Yet) H.P. 20 DEPTH OF INTAKE 220

CONSTRUCTION

RIG TYPE (or method) Cable
(rotary, cable, bored, dug, driven, etc.)

DATE STARTED Feb. 8, '59; COMPLETED Apr. 22, '59
TOTAL DEPTH 380' Completed Test May 16.

BEDROCK at 30' ft.

SURFACE ELEVATION 1180 ft.

HOLE SIZE

(diam.)	(from)	(to)
16 in.	Surf.	34 ft.
12"	34	124
10"	125	380

CASING SIZE

(diam.)	(from)	(to)
16 in.	Surf.	34 ft.
12"	"	60' 6"
10"	"	125'

SCREEN (or perforations)

(diam.)	(from)	(to)	(opening size)
12 in.	95 ft.	105 ft.	Bad Mud Conditions (Cased Off)
10"	375'	376'	12"

OTHER CONSTRUCTION INFORMATION: (gravel pack, depth and size of shot, packer, plugs, etc.)

REMARKS: Dr. Cooper of UPI
told Mr. Church the
reason for good yields
here is because of a
high Calcium content
material that is
stable like ls.

GROUTING INFORMATION

Method Used: Portland Cement
Grouting Materials: 60' 6"
Depth of Grouting:
(On outside of 12" casing)

Samples sent 95' to 370'
Log of well (over)

