

INTERVAL SHEET

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VDMR WELL NO. 434

Sample Interval: from 10 to 372

PROP: Town of Vienna Well #8

Total Depth 375

COMP: Sydnor

Oil Gas Water Exploratory

COUNTY: Fairfax

Cuttings Core Other

From-To	From-To	From-To	From-To	From-To
10-	300-	-	-	-
20-	310-	-	-	-
30-	320-	-	-	-
40-	330-	-	-	-
50-	340-	-	-	-
60-	350-	-	-	-
70-	360-	-	-	-
74-	368-	-	-	-
80-	372-	-	-	-
90-	-	-	-	-
100-	-	-	-	-
110-	-	-	-	-
120-	-	-	-	-
130-	-	-	-	-
140-	-	-	-	-
150-	-	-	-	-
160-	-	-	-	-
170-	-	-	-	-
180-	-	-	-	-
190-	-	-	-	-
200-	-	-	-	-
210-	-	-	-	-
220-	-	-	-	-
230-	-	-	-	-
240-	-	-	-	-
249-	-	-	-	-
260-	-	-	-	-
270-	-	-	-	-
280-	-	-	-	-
290-	-	-	-	-

Not suff. sample to work

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

Box 3667, University Station, Charlottesville, Virginia

WWCR-#75
 VDMR-#434

WATER WELL COMPLETION REPORT

OWNER: Town of Vienna, Virginia Mailing Address: Vienna, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Mailing Address: _____
 WELL LOCATION: County Fairfax 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 11
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER
 WELL PUMPED (or bailed) at 75 Gal. per Min. with
350 feet **DRAWDOWN** after 10 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: _____

QUALITY OF WATER
 COLOR Clear TASTE O. K.
 ODOR _____ 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

N

Well No. 8- Vienna, Va.

Complete file available
 Sydnor Pump and Well Co., Inc.,
 Richmond, Virginia

W E

S

CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc.)
 DATE: Started _____; Completed _____
 TOTAL DEPTH 375 ft.
 BEDROCK at 42 ft.

HOLE SIZE			CASING SIZE		
(diam)	(from)	(to)	(diam)	(from)	(to)
12	0	42	10	0	42
10	42	60	6 1/2	0	60
6 1/2	60	375			

SCREEN (or perforations)
 (diam.) (from) (to) (opening size)
 _____ in _____ ft. _____ ft. _____

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement & water
 DEPTH OF GROUTING 60'

PUMP (installed)

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

REMARKS: 25 GPM at 80' - Water flow increased with depth to 375'
-Samples from this well left with Mr. Yost Va. Division of Mineral Resources
Charlottesville, Va.

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

Box 3667, University Station, Charlottesville, Virginia

75
 W.434

WATER WELL COMPLETION REPORT

OWNER: Town of Vienna, Virginia Mailing Address: Vienna, Virginia
 TENANT: Well No. 8 Mailing Address: _____
 DRILLER: Sydnor Mailing Address: _____
 WELL LOCATION: County Fairfax 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 11
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____, _____ ft. _____
 _____ ft. _____, _____ ft. _____
 QUANTITY OF WATER
 WELL PUMPED (or bailed) at 7.5 Gal. per Min. with
350 feet DRAWDOWN after 10 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: _____

N
 Well No 8 - Vienna, Va
 Complete File available
 Sydnor Pump and Well Co Inc.
 Richmond, Virginia
 E

QUALITY OF WATER

COLOR clear TASTE OK
 ODOR _____ 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 _____; Completed _____
 TOTAL DEPTH 375' ft.
 BEDROCK at 42' ft.

HOLE SIZE

CASING SIZE

(diam)	(from)	(to)	(diam)	(from)	(to)
12 in	0	42 ft	10 in	0	42 ft
10 in	42'	60'	6 1/2 in	0	60'
6 1/2 in	60'	375'	SCREEN (or perforations) (opening size)		

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement + Water
 DEPTH OF GROUTING 60'

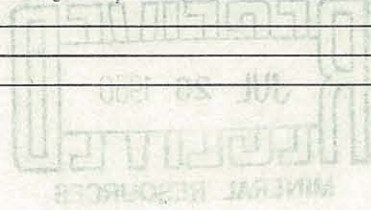
PUMP (installed)

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

REMARKS: - 25 G.P.M. at 80' - Water flow increased with depth to 375'
- Samples from this well left with Mr Yost Va. Division of Mineral Resources - Charlottesville Va

Log of well (over)

By Jesse Snyder



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

FURNISHED BY _____ DATE: _____

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
			<p>WELL NO. 8 - VIRGINIA, VA</p> <p>Complete file available</p> <p>Spudon Pump and well at the Richmond, Virginia</p>
			<p>WATER CONDITIONS</p> <p>DEPTH _____</p> <p>STATIC WATER LEVEL _____</p> <p>WATER ZONES (issues or formations supplying water)</p> <p>QUANTITY OF WATER</p> <p>WELL PUMPED (or boiled) at _____ gal per min with _____ feet DRAWDOWN after _____ HOURS PUMPING</p> <p>FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)</p> <p>REMARKS:</p>
			<p>QUALITY OF WATER</p> <p>COLOR _____</p> <p>TASTE _____</p> <p>ODOR _____</p> <p>OTHER _____</p> <p>ANALYSIS AVAILABLE - Yes <input type="checkbox"/> No <input type="checkbox"/> ATTACHED YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p>TEMPERATURE _____</p> <p>WATER _____</p> <p>USE OF WATER: Domestic <input type="checkbox"/> Town & Industrial <input type="checkbox"/> Farm <input type="checkbox"/> Pesticide <input type="checkbox"/></p>
			<p>CONSTRUCTION</p> <p>RIG TYPE (or method) _____</p> <p>DATE Started _____</p> <p>Completed _____</p> <p>TOTAL DEPTH _____</p> <p>BEDROCK at _____</p> <p>GRouting INFORMATION</p> <p>METHOD USED _____</p> <p>GRouting MATERIAL _____</p> <p>DEPTH OF GRouting _____</p> <p>REMARKS: - 25 G.P.M. of 60' - water flow increased with depth</p>
			<p>PUMP (installed)</p> <p>TYPE _____</p> <p>Cap. (gpm) _____</p> <p>H.P. _____</p> <p>Depth of intake _____</p>
			<p>SCREEN (or perforations)</p> <p>_____</p> <p>_____</p> <p>_____</p>
			<p>HOLE SIZE</p> <p>_____</p> <p>_____</p> <p>_____</p>
			<p>CASING SIZE</p> <p>_____</p> <p>_____</p> <p>_____</p>

VIRGINIA DIVISION OF
RECEIVED
JUL 26 1950
RECEIVED
MINERAL RESOURCES