



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

WWCR - 293  
VDMR - 571

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Harrisonburg Telephone Co. #1 Mailing Address: P. O. Box 352 Harrisonburg, Va.  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: Sydnor Pump & Well Co. Inc. Mailing Address: Richmond 12, Virginia  
 WELL LOCATION: County Rockingham 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 48'  
 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  
100 feet DRAWDOWN after 21 HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground) <sup>W</sup>

REMARKS: Suggest pump setting at 100' continuous pumping rate should not exceed 50 GPM

**QUALITY OF WATER**

COLOR Golden Muddy TASTE OK  
 ODOR OK OTHER \_\_\_\_\_

ANALYSIS: AVAILABLE - Yes  No  ATTACHED Yes  No

TEMPERATURE \_\_\_\_\_  
 \_\_\_\_\_ WATER (from) \_\_\_\_\_ (to) \_\_\_\_\_ ft.  
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic  Town  Industry  Farm  Public

Plant location on the Pleasant Valley Road at the south east limits of the Rockingham County Farm property. (2 miles south east of Harrisonburg)

**CONSTRUCTION**

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

DATE: Started 7-26-61; Completed 7-28-61

TOTAL DEPTH 147 ft.

BEDROCK at 2 ft.

**GROUTING INFORMATION**

METHOD USED Gravity

GROUTING MATERIAL Cement and Water

DEPTH OF GROUTING 52

**HOLE SIZE**

(diam)	(from)	(to)	(diam)	(from)	(to)
8 3/4"	0	52	5	0	53
5	52	147			

**CASING SIZE**

**SCREEN (or perforations)**

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

**PUMP (installed)**

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_

H.P. \_\_\_\_\_ Depth of intake \_\_\_\_\_ ft.

REMARKS: Log and samples saved for Div. of Mineral Resources

\* Will clear with open discharge pumping using permanent pump.

FURNISHED BY Sydnor Pump & Well Co., Inc.

DATE: 7-28-61

Rig. 65

Data from driller Mitchell's notes by Jesse Snyder, Jr.

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	2	Red Clay	
2	5	Gray limestone	
5	6	Red clay	
6	7	Gray limestone	
7	10	Red clay	
10	36	Gray limestone	
36	37	Red clay - moisture	
37	77	Gray limestone	
77	81	Weathered limestone 10-12 G.P.M. Muddy	- Red clay color thick
81	114	Gray limestone	
114	118	Weathered limestone 10-18 G.P.M. Muddy	- Red clay - Thick
118	125	Gray limestone	
125	126	Weathered limestone 10-15 G.P.M. - Muddy	Red Clay
126	130	Gray Limestone	
130	131	Weathered limestone 10-12 G.P.M. - Muddy	Red Clay
131	136	Gray limestone	
136	137	Weathered limestone	
137	147	Gray limestone	
		81' - 12 G.P.M.	
		118' - 30 G.P.M.	
		126' - 45 G.P.M.	
		131' - 50 G.P.M. - plus	
		137' - 60 G.P.M. - plus	
		After 2½ hours of Air lift development, flow rate increased to 75 GPM plus as the mud thined, the flow was 75 GPM plus at the end of a 21 hour continuous development and test.	

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

293

W-571

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

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 WELL LOCATION: County Rockingham Approx. \_\_\_\_\_ 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 48'  
 STATIC WATER LEVEL \_\_\_\_\_  
 WATER ZONES (fissures or formations supplying water)  
 (from) (to) (from) (to)  
 \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_ ft. \_\_\_\_\_ ft.

Plant location on the Pleasant Valley Road at the South East limits of the Rockingham County Farm property. (2 miles South East of Harrisonburg)

QUANTITY OF WATER

WELL PUMPED (or bailed) at 75 Gal. per Min. with 100 feet DRAWDOWN after 21 HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground)

REMARKS: Suggest pump setting at 100'  
continuous pumping rate should not

exceed 50 G.P.M.  
 Will clear with open discharge pumping using permanent pump.

QUALITY OF WATER

COLOR Golden muddy TASTE ok  
 ODOR ok 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) Fix Rotary  
 (rotary, cable, bored, driven, etc...)  
 DATE: Started 7-26-61; Completed 7-28-61  
 TOTAL DEPTH 147 ft.  
 BEDROCK at 2 ft.

HOLE SIZE			CASING SIZE		
(diam.)	(from)	(to)	(diam.)	(from)	(to)
8 3/4" in.	0	52	5	0	53
5" in.	51	147			

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

GROUTING INFORMATION

METHOD USED Gravity  
 GROUTING MATERIAL Cement + Water  
 DEPTH OF GROUTING 52'

PUMP (installed)

TYPE \_\_\_\_\_ Cap. (gpm) \_\_\_\_\_  
 H.P. \_\_\_\_\_ Depth of intake ≠ 10.5 ft.

REMARKS: Log & samples saved for Div. of Min. Resources.  
6/7/62 - Mr. Snyder reports a hog house has been built 25' west of the well - bacteria count may cause the well to be abandoned  
 P.H.D.

LOG

Rig 65

FURNISHED BY Snyder Pump & Well Co Inc

DATE: 7-28-61

Data from Driller Mitchell's Notes By Jesse Snyder Jr

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7	10	Red clay	
10	36	Gray Limestone	
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37	77	Gray Limestone	
77	81	Weathered limestone 10-12 GPM. muddy - Red clay color thick	
81	114	gray Limestone	
114	118	Weathered limestone 10-18 GPM muddy - Red clay - thick	
118	125	Gray Limestone	
125	126	Weathered limestone 10-15 GPM - muddy Red clay	
126	130	Gray Limestone	
130	131	weathered limestone 10-12 GPM - muddy Red clay	
131	136	gray Limestone	
136	137	Weathered limestone	
137	147	gray Limestone	
		81' - 12 GPM	
		118' - 30 GPM	
		126 - 45 GPM	
		131 50 GPM - plus	
		137 60 GPM plus	
<p>After 2 1/2 hours of Air Lift development, flow rate increased to 75 GPM plus as the mud thinned. The flow was 75 GPM plus at the end of a 21 hour <sup>continuous</sup> development and test</p>			