

COMMONWEALTH OF VIRGINIA
 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
 DIVISION OF MINERAL RESOURCES
 Box 3667, University Station, Charlottesville, Virginia

WWCR# 281
 VDMR# 522

WATER WELL COMPLETION REPORT

OWNER: Glen O. Heatwale Mailing Address: Rt. 1 Dayton, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co. Mailing Address: Richmond, Va.
 WELL LOCATION: County Rockingham Approx. _____ ft. miles
 (direction) of _____ and _____ 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 3 Gal. per Min. with
250 feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**

REMARKS: This well could pump 4 plus
gpm with pump.

QUALITY OF WATER

COLOR OK 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 3-22-61; Completed 3-24-61
 TOTAL DEPTH 258 ft.
 BEDROCK at 47 ft.

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

HOLE SIZE

(diam) (from) (to)
8 3/4 0 ft. 53 ft.
5 53

CASING SIZE

(diam) (from) (to)
5 in. 0 ft. 54 ft.

SCREEN (or perforations)

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

PUMP (installed)

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

REMARKS: Log and samples furnished Div. Min. Resources

FURNISHED BY **Sydnor Pump and Well Co., Inc.**

DATE: **3-27-61**

Rig 65 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	1	Top soil	
1	20	Red clay - sand - gravel	
20	47	Yellow clay	
47	50	Weathered gray limestone	
50	70	Gray limestone	
70	82	Blue limestone	
82	168	Gray limestone - med. hard	
168	225	Gray limestone - hard	
225	227	Blue limestone	
227	258	Gray limestone	
		<u>WATER</u>	
		60' to 230' = 3/4 gpm	
		230 to 258' - 3 gpm	
		(Hit more water at 243-246' and 250')	

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 DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

281
 W-522

WATER WELL COMPLETION REPORT

OWNER: Elen O. Heatwole Mailing Address: Rt 1 Dayton Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: John Pump & Well Co Inc Mailing Address: Richmond Virginia
 WELL LOCATION: County Rockingham 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 48'
 WATER ZONES (fissures or formations supplying water)
 (from) _____ (to) _____ (from) _____ (to) _____
 _____ ft. _____ ft.
 _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 3 Gal. per Min. with
256 feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) ^W

REMARKS: This well could pump 4 plus GPM with pump

QUALITY OF WATER

COLOR ok 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

Home on Road 734
 Between Ottobine
 and Montezuma

CONSTRUCTION

RIG TYPE (or method) Br Rotary
 (rotary, cable, bored, driven, etc.)
 DATE: Started 3-22-61; Completed 3-24-61
 TOTAL DEPTH 258 ft.
 BEDROCK at 47 ft.

HOLE SIZE

CASING SIZE

(diam.)	(from)	(to)	(diam.)	(from)	(to)
<u>8 1/2</u>	<u>0</u>	<u>53</u>	<u>5</u>	<u>0</u>	<u>54'</u>
<u>5</u>	<u>53</u>				

SCREEN (or perforations)

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

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

PUMP (installed)

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

REMARKS: _____

Log of well (over)

Log and samples furnished Div of Min Resources

LOG

FURNISHED BY Sydney Pump & Well Co Inc DATE: 3-27-61

Rig 65 - From Driller Mitchell's Notes By Jane Dwyer

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	1	Top soil	
1	20	Red clay-sand-gravel	
20	47	Yellow Clay	
47	50	weathered Gray Limestone	
50	70	Gray Limestone	
70	82	Blue Limestone	
82	168	Gray Limestone - med Hard	
168	225	Gray Limestone Hard	
225	227	Blue Limestone	
227	258	Gray Limestone	

Water

235' - ~~240~~ 7/4 GPM
 230 to 258 3 GPM

Hit more water at 243' 246' and 250'

