

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

Box 3667, University Station, Charlottesville, Virginia

WWCR 232
VDMR 507

WATER WELL COMPLETION REPORT

OWNER: Dr. J. H. Thomas Mailing Address: Greenville, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: Richmond, Virginia
 WELL LOCATION: County Augusta Approx. _____ ft. miles _____
 (direction) of Greenville 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 70'

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

QUANTITY OF WATER

WELL PUMPED (or bailed) at 60 Gal. per Min. with
120 feet DRAWDOWN after 7 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: Air lift test pumping

N

Residence and office west of Hwy U. S. 11 about 500' near center of the Town of Greenville, Virginia

W E

Will clear with pumping, with the customers pump.

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QUALITY OF WATER

COLOR Light yellow muddy TASTE o.k.
 ODOR None OTHER _____
 ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No
 TEMPERATURE _____
 WATER _____ (from) _____ (to) _____ ft. 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 7-5-61; Completed 7-6-61
 TOTAL DEPTH 146 ft.
 BEDROCK at 33 ft.

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement and water
 DEPTH OF GROUTING 20'+

HOLE SIZE				CASING SIZE			
(diam.)	(from)	(to)	ft.	(diam.)	(from)	(to)	ft.
8 3/4	0	1	41	5	0	42'	1"
5	41	46					

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

PUMP (installed)

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

REMARKS: _____

Log & samples for Div. of Min. Resources, Charlottesville, Va. Log of well (over)

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

LOG

FURNISHED BY Sydnor Pump and Well Co., Inc.

DATE: 4-7-61

Rig 65

From Driller John Mitchell's Notes by Jesse E. 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	33	Red clay	
33	46	Gray limestone	
46	48	Broken limestone (Crack small)	
48	54	Gray limestone	
54	55	Broken weathered area	
55	63	Weathered gray limestone	
63	130	Gray limestone	
130	135	Weathered limestone - crack - water - red clay	
135	142	Gray limestone	
142	146	Gray limestone - soft - water	

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

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

232

W-509

OWNER: Dr. J. H. Thomas Mailing Address: Greenville, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydna Pump & Well Co. Inc. Mailing Address: Richmond Virginia
 WELL LOCATION: County Hughes, GREENVILLE 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 70'
 STATIC WATER LEVEL _____
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 60 Gal. per Min. with
120 feet DRAWDOWN after 7 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: Air Lift Test Pumping.

QUALITY OF WATER

COLOR light yellow muddy TASTE OK
 ODOR H₂O₂ OTHER _____
 ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No
 TEMPERATURE _____
 _____ WATER _____ ft. _____ ft.
 (salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public

N

Residence and office west
 of Hwy U.S. 11 about 500' Near
 Center of the Town of Greenville,
 Virginia -

E

will clear with pumping, with
 the customers pump -

S

CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc.)
 DATE: Started 7-5-61; Completed 7-6-61
 TOTAL DEPTH 146 ft.
 BEDROCK at 33 ft.

HOLE SIZE

CASING SIZE

(diam.)	(from)	(to)	(diam.)	(from)	(to)
8 1/4 in.	0 ft.	4 1/2 ft.	5 in.	0 ft.	42 1/2 ft.
5 in.	4 1/2 ft.	146 ft.			

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

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement & Water
 DEPTH OF GROUTING 20' plus -

PUMP (installed)

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

REMARKS: _____

Log & samples for Div. of Min Resources Charlottesville, Va. Log of well (over)

LOG

FURNISHED BY Sydney Pump & Well Co Inc

DATE: 4-7-61

Rig 65

From Driller John Mitchell's Notes By Jane E. Snyder

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	33	Red Clay	
33	46	Gray Limestone	
46	48	Broken Limestone (-crack small)	
48	54	Gray Limestone	
54	55	Broken weathered Area	
55	63	weathered Gray Limestone	
63	130	Gray Limestone	
130	135	Weathered Limestone - crack - Water - Red clay	
135	142	Gray Limestone	
142	146	gray Limestone soft - water -	

135' to 146' - water - 60 gpm plus
 well was pumped for seven hours
 from 120 at 60 gpm to develop
 and wash out clay.

suggest pump setting between 110 and
 120'

well pumped 60 gpm at 120'
 12 gpm at 98'

