

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: D. Coiner Rosen Mailing Address: New Market, Va.

TENANT: _____ Mailing Address: _____

DRILLER: Rig 65 Sydnor Pump and Well Co. Mailing Address: Richmond, Va.

WELL LOCATION: County Shenandoah 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 84

WATER ZONES (fissures or formations supplying water)

(from) _____ (to) _____ (from) _____ (to) _____

ft. ft. ft. ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 1 Gal. per Min. with

_____ feet DRAWDOWN after 2 HOURS PUMPING.

FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) **W**

REMARKS: _____

QUALITY OF WATER

COLOR OK TASTE OK

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 **S**

CONSTRUCTION

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

DATE: Started 10-12-60; Completed 10-17-60

TOTAL DEPTH 510 ft.

BEDROCK at 55 ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING 8 bags cement

REMARKS: Samples saved for the Division of Mineral Resources,
Charlottesville, Va.

N

Home site about .2 miles south of Jct of US 11 and Road 730 West. (Across road from small grocery and gas station.) West side of Hwy. US 11.

HOLE SIZE

(diam) in.	(from) ft.	(to) ft.	(diam) in.	(from) ft.	(to) ft.
9	0	81	5	0	
5	81	510			

CASING SIZE

SCREEN (or perforations)

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

_____ in. _____ ft. _____ ft.

PUMP (Installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

FURNISHED BY Rig 65 Sydnor Pump and Well Co, Inc DATE: 10-19-60

from driller John Mitchell's log 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	Top soil	
2	12	Red clay	
12	31	Red clay gravel	
31	50	Red clay boulders	
50	55	Red caly	
55	59	Grey limestone	
59	77	Cracked weathered soft yellow limestone	
77	345	Blue and grey limestone	
345	346	Weathered yellow limestone	Water about 20 gal/hr.
346	362	Grey limestone	
362	364	Weathered zone (Yellow and grey limestone)	
364	398	Gray limestone	
398	420	Blue limestone	
420	510	Grey limestone	
Air lift test from 510'			1 gpm - 2hrs.
(Picked up about 40 gal per hour below 350' to 510')			
This well could pump about 2 gpm with a pump set at about 500' level.			

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

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

UDMR # 468

OWNER: D. Coiner Rosen Mailing Address: New Market, Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Rig 65 - Snyder Pump and Well Co Inc Mailing Address: Richmond Virginia
 WELL LOCATION: County Shenandoah 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 84'
 WATER ZONES (fissures or formations supplying water)
 (from) _____ (to) _____ (from) _____ (to) _____
 _____ ft. _____ ft. _____ ft. _____ ft.
QUANTITY OF WATER
 WELL PUMPED (or bailed) at 1 Gal. per Min. with
 _____ feet **DRAWDOWN** after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: _____

N

Home site about 2 miles south of Jct of U.S. 11 and Road 730 West. (across Road from Small Grocery and Gas station)

E

S

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 10-12-60; Completed 10-17-60
 TOTAL DEPTH 510 ft.
 BEDROCK at 55 ft.

HOLE SIZE

CASING SIZE

(diam.)	(from)	(to)	(diam.)	(from)	(to)
4	0	86	5	0	
5	87	510			

SCREEN (or perforations)

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

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement & Water
 DEPTH OF GROUTING 8-85 Cement

PUMP (installed)

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

REMARKS: _____

Samples saved for Division Mineral Resources -
Charlottesville, Va.

Log of well (over)

over

LOG

Rig 65

FURNISHED BY Sydnor pump and well Co. Inc.

DATE: 10-19-60

C. Rosen

From Driller John Mitchell Log By Jesse 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	2	Top soil	
2	12	Red clay	
12	31	Red clay Gravel	
31	50	Red clay Boulders	
50	55	Red clay	
55	59	Gray Limestone	
59	77	Cracked weathered soft yellow limestone	
77	345	Blue and Gray Limestone	
345	346	weathered yellow Limestone	{water about 20 Gal Per Hour
346	362	Gray Limestone	
362	364	weathered zone (yellow and Gray limestone)	
364	398	Gray Limestone	
398	420	Blue Limestone	
420	510	Gray Limestone	

Air lift Test from 510' @ 1 G.P.M. - 2 hrs.

(picked up about 40 Gal per Hour below 350' to 510')

This well could pump about 2 G.P.M. with a pump set at about 500' level -