

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

WWCR 234
 VDMR 554

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: J. R. Palmer Mailing Address: New Hope Road, Staunton, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: Richmond 12, Virginia
 WELL LOCATION: County Augusta, Staunton 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 27'
 STATIC WATER LEVEL _____
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____ ft. _____ ft. _____ ft.
 _____ ft. _____ ft. _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 1 Gal. per Min. with
220 feet DRAWDOWN after 2 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)
 REMARKS: _____

QUALITY OF WATER

COLOR o.k. TASTE o.k.
 ODOR o.k. 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
 Farm about 3/4 of a mile to the East and south from the Annex store on the New Hope Road (Route 254). 4 1/2 miles east from Staunton.
 W E
 S

CONSTRUCTION

RIG TYPE (or method) Air Rotary
 (rotary, cable, bored, driven, etc.)
 DATE: Started 7-10-61; Completed 7-11-61
 TOTAL DEPTH 258 ft.
 BEDROCK at 5 ft.

HOLE SIZE

CASING SIZE

(diam)	(from)	(to)	(diam)	(from)	(to)
8 3/4 in	0 ft	21 ft	5 in	0 ft	22'-4" ft.
5	21	258			

SCREEN (or perforations)

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

GROUTING INFORMATION

METHOD USED _____
 GROUTING MATERIAL _____
 DEPTH OF GROUTING _____

PUMP (installed)

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

REMARKS: Suggest deep pump setting

Log and samples to Div. of Min. Resources

Log of well (over)

LOG

FURNISHED BY Sydnor Pump and Well Co., Inc.

DATE: 7-11-61

Rig 65 Data from Driller Mitchell's Log

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	5	Yellow shale	
5	20	Gray yellow shale	
20	32	Gray shale yellow partings	
32	258	Gray shale	



234

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WELL LOCATION: County Augusta, STAUNTON Approx. _____ ft. _____ miles
(direction) of _____ and _____ ft. _____ 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 _____

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 220 feet DRAWDOWN after 2 HOURS PUMPING.

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

REMARKS: _____

QUALITY OF WATER

COLOR ok 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

Farm about 3/4 mile to the East and south from the Annex store on the New Hope Road (Route 254). 4 1/2 miles East from Staunton

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(rotary, cable, bored, driven, etc.)

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TOTAL DEPTH 258 ft.

BEDROCK at 5 ft.

GROUTING INFORMATION

METHOD USED _____

GROUTING MATERIAL _____

DEPTH OF GROUTING _____

REMARKS: _____

Suggest deep pump setting

HOLE SIZE

(diam) in (from) ft (to) ft
8 3/4 in 0 ft 21 ft
5 in 31 ft 258 ft

CASING SIZE

(diam) in (from) ft (to) ft
5 in 0 ft 22-4 ft

SCREEN (or perforations)

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

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

Log & samples for Div of Min Resources Log of well (over)

LOG

FURNISHED BY Sydnor pump & well Co Inc

DATE: 7-11-61

Rig 65 Data from Driller Mitchell's log

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 silt SOIL	
2	5	yellow shale	
5	20	gray yellow shale	
20	32	gray shale yellow partings	
32	258	gray shale	
		80' trace moisture	
		120' to 140 more moisture	
		161' 1/4 G.P.M.	
		161 to 220 3/4 G.P.M.	
<u>No sloughing material - set pump deep</u>			