

WATER WELL COMPLETION REPORT

OWNER: Mike and M. A. Arhogast Mailing Address: Route 3, Harrisonburg, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump & Well Co., Inc. Mailing Address: Richmond, 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 42

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

QUANTITY OF WATER

WELL PUMPED (or bailed) at 12 Gal. per Min. with
145 feet **DRAWDOWN** after 4 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)

REMARKS: _____

N

Farm about 2 miles east of Lacey Springs Virginia on Route 717.

W

Will clear with pumping

S

QUALITY OF WATER

COLOR Light muddy TASTE o. k.
 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 2-21-61; Completed 2-23-61
 TOTAL DEPTH 213' ft.
 BEDROCK at 20' ft.

GROUTING INFORMATION

METHOD USED Gravity & Pressure
 GROUTING MATERIAL Cement & Water
 DEPTH OF GROUTING 65'

HOLE SIZE			CASING SIZE		
(diam.)	(from)	(to)	(diam.)	(from)	(to)
9 in.	0 ft.	65 ft.	5 in.	0 ft.	66' 7 in.
5 in.	65 ft.	213 ft.			

SCREEN (or perforations)

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

PUMP (installed)

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

REMARKS: _____

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HOLE SIZE			CASING SIZE		
(diam)	(from)	(to)	(diam)	(from)	(to)
9 in.	0 ft.	65 ft.	5 in.	0 ft.	66'7" ft.
5	65	213	5	0	66'7"

SCREEN (or perforations)

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

PUMP (installed)

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

REMARKS: _____

LOG

FURNISHED BY Sydnor Pump & Well Co., Inc.

DATE: 2-23-61

From Driller Mitchell's Logs 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	14	Red clay	
14	20	Yellow clay	
20	64	Blue Gray limestone weathered	
64	67	Gray limestone	
67	72	Blue gray limestone weathered - moisture	
72	80	Blue limestone	
80	103	Gray weathered limestone	some water - 1/2 GPM
103	103'6"	Hard clay gray color	
103'6"	163'	Broken gray limestone with white rock	3-4 GPM
163	167	Broken limestone with clay seams (gray colored clay)	
167	183	Yellow gray limestone weathered	6-7 GPM
183	203	Gray limestone - broken	1-2 GPM
203	213'7"	Gray limestone with clay seams	
		72' - moisture	
		103' 1/2 GPM	
		163' 3-4 GPM	
		183' 6-7 GPM	
		203' 1-2 GPM	
		Air tested @ 145' @ 12 GPM) suggest pump be set at 145'	
		190 @ 15 GPM)	