

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

WWCR# 278
 VDMR# 537

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Calvin W. Baker Mailing Address: Rt. 1 Mt. Crauford, Va.
 TENANT: _____ Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co. Mailing Address: Richmond, Va.
 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 48'

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

QUANTITY OF WATER

WELL PUMPED (or bailed) at 20 Gal. per Min. with
160 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) _____ ft. (to) _____ ft.
 (salt, brackish, iron, sulfur, acid, other)
 USE OF WATER: Domestic Town Industry Grade A Dairy Farm Public

Farm (grade A dairy) about 4 miles southeast of Cross Keys on Road 828.

CONSTRUCTION

RIG TYPE (or method) Air rotary
 (rotary, cable, bored, driven, etc.)
 DATE: Started 2-23-61; Completed 2-24-61
 TOTAL DEPTH 169 ft.
 BEDROCK at 1 ft.

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement and water
 DEPTH OF GROUTING 50'

REMARKS: _____
Samples saved for Div. of Min. Resources

HOLE SIZE

(diam) in	(from) ft	(to) ft
9	0	52
5	52	169

CASING SIZE

(diam) in	(from) ft	(to) ft
5	0	53'6"

SCREEN (or perforations)
 (diam) _____ (from) _____ (to) _____ (opening size)

PUMP (installed)

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

LOG

FURNISHED BY Rig 65 Sydnor Pump and Well Co DATE: 2-24-61

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	1	Top soil	
1	8	Yellow shale	
8	23	Grey shale	
23	24	Yellow shale	
24	123	Gray limestone	
123	169	Blue limestone	
		42' - 3 gpm	(This water flow cut out by casing and grout.)
		58' - 1 gpm	
		106' - 15 gpm	
		157' - 20 gpm	