

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

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

286
 W-506

OWNER: Archie T. Eye Mailing Address: Rt 1 Dayton Virginia
 TENANT: _____ Mailing Address: _____
 DRILLER: Sylvan 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 95

WATER ZONES (fissures or formations supplying water)

(from) _____ (to) _____ (from) _____ (to) _____
 _____ ft. _____ ft.
 _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 30 Gal. per Min. with 160 feet DRAWDOWN after 2 HOURS PUMPING.

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

REMARKS: Air Testing -

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) Grade A. Drinking

USE OF WATER: Domestic Town Industry Farm Public

Farm about 1 1/2 miles west of Montezuma on the Dayton Ottobine Road
 1/4 miles west of Montezuma

CONSTRUCTION

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

DATE: Started 3-21-61; Completed 3-21-61

TOTAL DEPTH 169 ft.

BEDROCK at 20' ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement & Water

DEPTH OF GROUTING 52' 6"

REMARKS: _____

HOLE SIZE

(diam) _____ in (from) _____ ft (to) _____ ft
8 3/4 in 0 ft 52' 6"

CASING SIZE

(diam) _____ in (from) _____ ft (to) _____ ft
5 1/2" in 0 ft 52' 6"

SCREEN (or perforations)

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

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

Log of well (over)

Log copy for Mr. Luebben
 Log + Samples for Div. of Min Resources

LOG

FURNISHED BY Sydnor Pump & Well Co Inc

DATE: 3-21-61

Log from Driller John Mitchell's Notes

By Jane Smyth

Rig 65

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	14	Red clay	
14	18	Gray Sand Gravel	
18	20	Gray weathered limestone	
20	69	Gray limestone - drills fast	
69	70	Gray weathered limestone soft	
70	78	gray limestone	
78	149	Gray limestone weathered	
		- 146' - 12 G.P.M.	
		169' - 30 G.P.M., plus	

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Arlie T. Eye Mailing Address: Rt. 1 Dayton, 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 95

WATER ZONES (fissures or formations supplying water)

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

QUANTITY OF WATER

WELL PUMPED (or bailed) at 30 Gal. per Min. with 160 feet DRAWDOWN after 2 HOURS PUMPING.

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

REMARKS: Air testing

Farm about 1 1/2 miles west of Montezuma on the Dayton Ottobine Rd.

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 Grade A Dairy

CONSTRUCTION

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

DATE: Started 3-21-61; Completed 3-21-61

TOTAL DEPTH 169 ft.

BEDROCK at 20 ft.

GROUTING INFORMATION

METHOD USED Gravity GROUTING MATERIAL Cement and water

DEPTH OF GROUTING 52'6"

HOLE SIZE

(diam) (from) (to) 8 3/4 in 0 ft 52'6"

CASING SIZE

(diam) (from) (to) 5 in 0 ft 52'6"

SCREEN (or perforations)

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

PUMP (installed)

TYPE Cap. (gpm)

H.P. Depth of intake ft.

REMARKS: Log copy for Mr. Leubben Log and samples for Div. of Min. Resources

LOG

FURNISHED BY Rig 65 Sydnor Pump and Well Co.

DATE: 3-21-61

log from driller John Mitchell's notes 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	14	Red clay	
14	18	Gray sand gravel	
18	20	Gray weathered limestone	
20	69	Gray limestone - drills fast	
69	70	Gray weathered limestone - soft	
70	78	Gray limestone	
78	169	Gray limestone weathered	
		146' - 12 gpm	
		169' - 30 gpm plus	