



DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Dayton Transport Co., Inc. Mailing Address: PO Box 35 - 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 40

WATER ZONES (fissures or formations supplying water)

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

QUANTITY OF WATER

WELL PUMPED (or bailed) at 6 Gal. per Min. with 430 feet DRAWDOWN after 2 HOURS PUMPING.

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

REMARKS: Air lift test pumping

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

CONSTRUCTION

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

DATE: Started 8/24/61; Completed 8/29/61

TOTAL DEPTH 439'6" ft.

BEDROCK at ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING 60' plus

HOLE SIZE

(diam) (from) (to) 8 3/4 in. 0 ft. 62 ft. 5 in. 0 ft. 63'10"

CASING SIZE

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

PUMP (installed)

TYPE Cap. (gpm)

H.P. Depth of intake ft.

REMARKS: Suggest pump set to 400' or deeper to get maximum well flow.

Log and samples to Div. of Mineral Resources

FURNISHED BY **Sydnor Pump & Well Company, Inc.** DATE: **8-29-61**

Rig 65

from notes of driller John Mitchell 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	2	Red clay	
2	3	Gray limestone	
3	9	Red clay	
9	23	Blue limestone	
23	24	Red clay	
24	25	Blue clay	
25	29	Red clay	
29	45	Blue limestone	
25	51	Broken blue limestone	- some weathering
51	145	Blue limestone	
145	191	Blue limestone	- trace of white rock
191	439'6"	Blue limestone	
		145' - trace of moisture	
		168' - 1/2 qt./min.	
		270' - 1 gpm	
		326' - 3 gpm	
		370' - 4 gpm	
		400' - 5 gpm	
		439' - 6 gpm	

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

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

302  
W-599

OWNER: Dayton Transport Co. Inc. Mailing Address: P.O. Box 35 - Dayton Virginia  
 TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_  
 DRILLER: Sydno Pump and Well Co Inc Mailing Address: Rubmond 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 40  
 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 6 Gal. per Min. with  
4.30 feet DRAWDOWN after 2 HOURS PUMPING.  
 FLOW (natural) \_\_\_\_\_ G.P.M. HEAD \_\_\_\_\_ ft. (above ground) **W**

REMARKS: Air lift Test pumping

**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

*Bulk*  
 At Dayton transport milk  
 Terminal 2 miles south of Harrison  
 burg on Route 42  
 N  
 S  
 E  
 W

**CONSTRUCTION**

RIG TYPE (or method) Air Rotary  
 (rotary, cable, bored, driven, etc.)  
 DATE: Started 8-24-61; Completed 8-29-61  
 TOTAL DEPTH 439'-6" ft.  
 BEDROCK at \_\_\_\_\_ ft.

**HOLE SIZE** (diam) in (from) ft. (to) ft.  
8 7/8 in 0 ft. 65' ft.  
15 in 62 ft. 439'-6" ft.  
**CASING SIZE** (diam) in (from) ft. (to) ft.  
5" in 0 ft. 63'-10" ft.  
**SCREEN (or perforations)** (diam.) in (from) ft. (to) ft. (opening size)

**GROUTING INFORMATION**

METHOD USED Gravity  
 GROUTING MATERIAL Cement + Water  
 DEPTH OF GROUTING 60' plus

**PUMP (installed)**

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

REMARKS: Suggest pump set to 400' or deeper to get maximum  
well flow

Log and Samples Saved for Div. of Min Resources Log of well (over)

LOG

FURNISHED BY Snyder Pump & Well Co Inc

DATE: 8-29-61

Rig 65

From Notes of Driller John Mitchell 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	2	Red clay	
2	3	Gray limestone	
3	9	Red clay	
9	23	Blue limestone	
23	24	Red clay	
24	25	Blue clay	
25	29	Red clay	
29	45	Blue limestone	
45	51	Broken Blue limestone - some weathering	
51	145	Blue limestone	
145	191	Blue limestone - Trace of white rock	
191	439'	6" - Blue limestone	
		145' Trace of moisture	
		168' - 1/2 qt. p.m.	
		270' - 1 G P M	
		326' - 3 G P M	
		370' - 4 G P M	
		400' 5 G P M	
		439' 6 G P M	