

INTERVAL SHEET

Page 1

Date 8/7/61

PROP: Mrs. Mark Dean

COMP: Sydnor

COUNTY: Rockingham (Harrisonburg)

VDMR WELL NO.: 502

Sample Interval: from 0 to 102

Total Depth

Oil Gas Water X Exploratory

Cuttings X Core Other

From-To

From-To

From-To

From-To

From-To

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

WWCR# 265
 VDMR# 502

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: M.J. and Nellie Dean Mailing Address: Route 1, Harrisonburg, Va.
 TENANT: (Mrs. Mark Dean) Mailing Address: _____
 DRILLER: Sydnor Pump and Well Co., Inc 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 30'

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

QUANTITY OF WATER

WELL PUMPED (or bailed) at 4 Gal. per Min. with
90 feet **DRAWDOWN** after 1 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)

REMARKS: Water will clear with permanent pump.

QUALITY OF WATER

COLOR Muddy 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

Farm on Route 726 near Jct of Routes 726 and 659 about 2 miles southeast of Harrisonburg.

* Dairy - premium grade milk.

CONSTRUCTION

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

DATE: Started 1-11-61; Completed 1-12-61

TOTAL DEPTH 102 ft.

BEDROCK at 41 ft.

GROUTING INFORMATION

METHOD USED Gravity

GROUTING MATERIAL Cement and water

DEPTH OF GROUTING 40

HOLE SIZE

(diam) in.	(from) ft.	(to) ft.
<u>9</u>	<u>0</u>	<u>45</u>
<u>5</u>	<u>45</u>	<u>102</u>

CASING SIZE

(diam) in.	(from) ft.	(to) ft.
<u>5</u>	<u>0</u>	_____

SCREEN (or perforations)

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

PUMP (installed)

TYPE _____ . Cap. (gpm) _____

H.P. _____ . Depth of intake _____ ft.

REMARKS: cc- Mrs. Mark Dean
Carl Luebben
Valley of Va. Milk Producers - Atten. Mr. Miller

FURNISHED BY Sydnor Pump and Well Co., Inc. DATE: 1-12-61

Rig 65

From driller 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	3	yellow clay	
3	34	red clay	
34	35	boulder	
35	38	yellow clay	
38	39	boulder	
39	41	yellow clay	
41	50	gray limestone	
50	53	weathered zone - cave - water - mud	
53	62	gray limestone	
62	63	weathered zone - mud filled cave - trace water	
63	102	gray limestone	
<p>Cave at 52' and 62' are connected. Spent 6 hours blowing mud out of well with air - This well will clear up by pumping with customer's pump.</p> <p>There is some storage in the cave areas - (1000 to 1500 gal estimated).</p> <p>Log and samples to Div. of Min. Resources.</p>			

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 DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT
 DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WATER WELL COMPLETION REPORT

(Mrs Mark Dean)

265

W-502

OWNER: M. J. and Nellie F. Dean Mailing Address: Route 1 Harrisonburg, Va.
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 DRILLER: Sydnor Pump and Well Co Inc. Mailing Address: Richmond, Va.
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 (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 30'
 WATER ZONES (fissures or formations supplying water)
 (from) (to) (from) (to)
 _____ ft. _____, _____ ft. _____
 _____ ft. _____, _____ ft. _____

QUANTITY OF WATER

WELL PUMPED (or bailed) at 4 Gal. per Min. with
90 feet DRAWDOWN after 1 HOURS PUMPING.
 FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground)

REMARKS: Water will clean with
Plemmerant pump

QUALITY OF WATER

COLOR Muddy 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

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Farm on Route 726 Near
 Jct of Routes 726 and 659
 about 2 miles south East
 of Harrisonburg.

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Dairy
Premium Grade Milk

CONSTRUCTION

RIG TYPE (or method) _____
 (rotary, cable, bored, driven, etc.)
 DATE: Started 1-11-61; Completed 1-12-61
 TOTAL DEPTH 102 ft.
 BEDROCK at 41 ft.

HOLE SIZE

(diam)	(from)	(to)
9	0	45
5	45	102

CASING SIZE

(diam)	(from)	(to)
5	0	

SCREEN (or perforations)
 (diam.) (from) (to) (opening size)
 _____ in _____ ft _____ ft _____ ft

GROUTING INFORMATION

METHOD USED Gravity
 GROUTING MATERIAL Cement & Water
 DEPTH OF GROUTING 40'

PUMP (installed)

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

REMARKS: _____

Log of well (over)

cc - Mrs Mark Dean
 Carl Tuebber
 Valley of Virginia Milk Producers - Attn. Mr. Miller.

Rig 65

From Driller *Mitchell's Notes* By *Jesse Smyr 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	3	yellow clay	
3	34	Red clay	
34	35	Boulder	
35	38	yellow clay	
38	39	Boulder	
39	41	yellow clay	
41	50	Gray Limestone	
50	53	weathered zone - <u>cave - water - mud</u>	
53	62	gray limestone	
62	63	weathered zone - <u>mud filled cave - Trace water</u>	
63	102	Gray Limestone	

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Log and samples to Div. of Min. Resources -