

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

DIVISION OF MINERAL RESOURCES

Box 3667, University Station, Charlottesville, Virginia

WWCR-#292

VDMR-#547

WATER WELL COMPLETION REPORT

OWNER: Wilkins Development Corporation Shenandoah Hills Mailing Address: 7 W. Boscawen Street
 TENANT: Wilkins Development Corporation Mailing Address: 7 W. Boscawen Street
 DRILLER: Boyd R. DeHaven Mailing Address: Route #2, Winchester
 WELL LOCATION: County Frederick Approx. 1.4 Miles ft. miles
East (direction) of Winchester, Va. and 9 ft. miles West of Berryville
(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) 50 ft. (to) 60 ft., (from) 60 ft. (to) 70 ft.
70 ft. 80 ft., _____ ft. _____ ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 23 Gal. per Min. with
3 feet DRAWDOWN after 3 HOURS PUMPING.

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

REMARKS: Seems to be plenty of water and good quantity

QUALITY OF WATER

COLOR clear TASTE neutral

ODOR none OTHER looks good

ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No

TEMPERATURE 56⁺

Soft & Natural WATER (from) 30' ft. (to) 87¹/₂ ft.
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public **S**

CONSTRUCTION

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

DATE: Started 9/12/61; Completed 9/18/61

TOTAL DEPTH 87¹/₂ ft.

BEDROCK at 15 ft.

GROUTING INFORMATION

METHOD USED Poured

GROUTING MATERIAL 1/2 sand, 1/2 Portland Cement

DEPTH OF GROUTING 52'

HOLE SIZE

(diam) (from) (to) ft.
9 in. 0 ft. 52¹/₂ ft.
6 _____ 52 87¹/₂

CASING SIZE

(diam) (from) (to) ft.
6 in. 0 ft. 52

SCREEN (or perforations)

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

PUMP (installed)

TYPE _____ Cap. (gpm) _____

H.P. _____ Depth of intake _____ ft.

REMARKS: Water looks good and plentiful

Log of well (over)

LOG

FURNISHED BY Boyd R. DeHaven-Contractor
Route # 3, Winchester, Virginia

DATE: 9/18/61

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	10	Soft shale	No caving
10	20	Dark blue shale	Quite a lot of water
20	50	Dark blue shale	Lots of water
50	60	Dark blue shale	Plenty of water, could not bail head down at this level.
60	70		Water within approx. 30' of top of ground.
70	87½	Dark blue shale	Water looks good, no odors or anything undesirable.

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WATER WELL COMPLETION REPORT

OWNER: Wilkins Development Corporation Mailing Address: 7 W. Boscawen Street
TENANT: Wilkins Development Corporation Mailing Address: 7 W. Boscawen Street
DRILLER: Boyd R. DeHaven Mailing Address: Route #2, Winchester
WELL LOCATION: County Frederick County Approx. 1.4 Mile East ft. miles
East (direction) of Winchester, Virginia and 9 ft. miles West of Berryville

(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)
50 (from) 60 (to) 60 (from) 70 (to)
70' ft. 80' ft. 80' ft. 70' ft.

QUANTITY OF WATER

WELL PUMPED (or bailed) at 23 Gal. per Min. with
3 feet DRAWDOWN after 3 HOURS PUMPING.
FLOW (natural) _____ G.P.M. HEAD _____ ft. (above ground) W

REMARKS: Seems to be plenty of water and good quantity

QUALITY OF WATER

COLOR Clear TASTE Neutral
ODOR None OTHER Looks Good

ANALYSIS: AVAILABLE - Yes No ATTACHED Yes No

TEMPERATURE 56^t
Soft and Natural WATER 30 (from) ft. 87^{1/2} (to) ft.
(salt, brackish, iron, sulfur, acid, other)

USE OF WATER: Domestic Town Industry Farm Public S

CONSTRUCTION

RIG TYPE (or method) Cable-Drilled
(rotary, cable, bored, driven, etc...)
DATE: Started 9/12/61; Completed 9/18/61
TOTAL DEPTH 87^{1/2} ft.
BEDROCK at 15 ft.

HOLE SIZE

9 (diam) in 0 (from) ft. 52 (to) ft.
6 in 52 ft. 87^{1/2} ft.

CASING SIZE

6 (diam) in 0 (from) ft. 52 (to) ft.

None SCREEN (or perforations)
(diam.) (from) (to) (opening size)
in ft. ft. ft.

GROUTING INFORMATION

METHOD USED Poured
GROUTING MATERIAL 1/2 Sand, 1/2 Portland Cement
DEPTH OF GROUTING 52'

PUMP (installed)

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

REMARKS: Water looks good and plentiful

Log of well (over)

Signed: Boyd R. DeHaven
WELL CONTRACTOR

James R. Wilkins
MANAGER - WILKINS DEV. CORP.

*Boyd R. DeHaven
Boyd R. DeHaven
Wells Contractor*

FURNISHED BY **Boyd R. DeHaven - Contractor**

DATE: **9/18/61**

Route #3, Winchester, Virginia

DEPTH (feet)		TYPE OF SOIL OR ROCK PENETRATED (gravel, clay, etc., hardness, color, etc)	REMARKS (water, caving, shot, screen, sample, etc)
FROM	TO		
0	10	Soft Shale	No caving
10	20	Darks Blue Shale	Quite a lot of water
20	50	Darks Blue Shale	Lots of water
50	60	Darks Blue Shale	Plenty of water, could not bail head down at this level.
60	70	Darks Blue Shale	Water within approx. 30' of top of ground.
70	87½	Darks Blue Shale	Water look good, no odors or anything undesirable.

GROUTING INFORMATION METHOD USED <u>Poured</u> GROUTING MATERIAL <u>1/2 sand, 1/2 Portland Cement</u> DEPTH OF GROUTING <u>5'</u>		REMARKS: <u>Water looks good and plentiful</u>	
GROUTING INFORMATION TYPE <u>Flow</u> G.P.M. <u>30</u> HEAD <u>10'</u> FLOW (natural) <u>30'</u> REMARKS: <u>Seems to be plenty of water and good quantity</u>		QUALITY OF WATER COLOR <u>Clear</u> TASTE <u>Natural</u> OTHER <u>None</u> ANALYSIS: AVAILABLE - Yes <input type="checkbox"/> No <input type="checkbox"/> ATTACHED Yes <input type="checkbox"/> No <input type="checkbox"/>	
GROUTING INFORMATION DATE: Started <u>9/12/61</u> Completed <u>9/18/61</u> TOTAL DEPTH <u>87½'</u> BEDROCK at <u>15'</u>		CONSTRUCTION RIG TYPE (or method) <u>Gas-Drilled</u> USE OF WATER: Domestic <input type="checkbox"/> Town <input type="checkbox"/> Industrial <input type="checkbox"/> Farm <input type="checkbox"/> Public <input type="checkbox"/>	
GROUTING INFORMATION GROUTING MATERIAL <u>1/2 sand, 1/2 Portland Cement</u> DEPTH OF GROUTING <u>5'</u>		REMARKS: <u>Water looks good and plentiful</u>	

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Boyd R. DeHaven
 Boyd R. DeHaven
 Well Contractor