

C 1 3971 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER 13 A50209A

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 7 30 04 Depth of Well 500

PERMIT NO. FROM 'PERMIT TO DRILL WELL' 40-94-3990

OWNER Winharpe Developers, Inc. STREET OR RFD 7107 Deer Valley Road TOWN Highland SUBDIVISION Cissel Farm SECTION 3 LOT 42

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown shale, Gray Limestone, and White.

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL (C) M BENTONITE CLAY (B) C

CASING RECORD MAIN CASING TYPE (P) L Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 54

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole (S) T (B) R (H) O (P) L (O) T

PUMPING TEST HOURS PUMPED (nearest hour) 03 PUMPING RATE (gal. per min.) 6

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

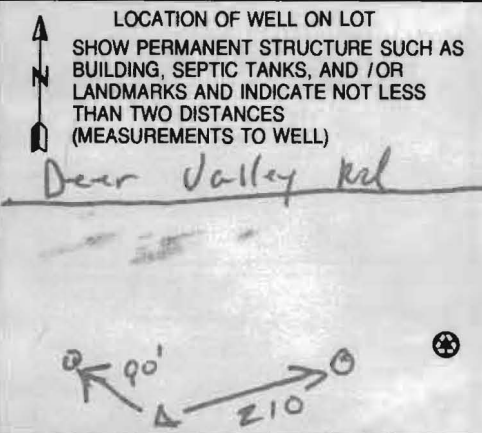
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 MSD007 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 2734

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type

STATE PERMIT NUMBER

HO-94-3990 fill in this form completely

WS20788

Date Received (APA) 07/20/04

OWNER INFORMATION

Winthorpe Developers Inc P.D. Box 279 13050 Wainwright Rd Highland Md. 20707

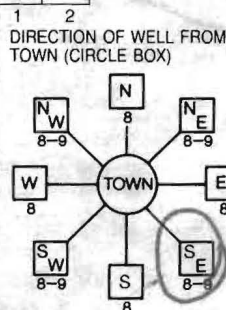
LOCATION OF WELL

Howard Cissel Farm Highland 5 miles from town

DRILLER INFORMATION

Allen Compton MS D 009 Fogles Well Drilling 580 Obrecht Rd

DIRECTION OF WELL FROM TOWN



7103 Deer Valley 650 FT distance from road

WELL INFORMATION APPROX. PUMPING RATE 5 GAL. PER MIN. AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled) FARMING... INDUSTRIAL... PUBLIC WATER SUPPLY WELL... TEST, OBSERVATION, MONITORING... GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 13 A50209A Brian Baber 7/23/2005

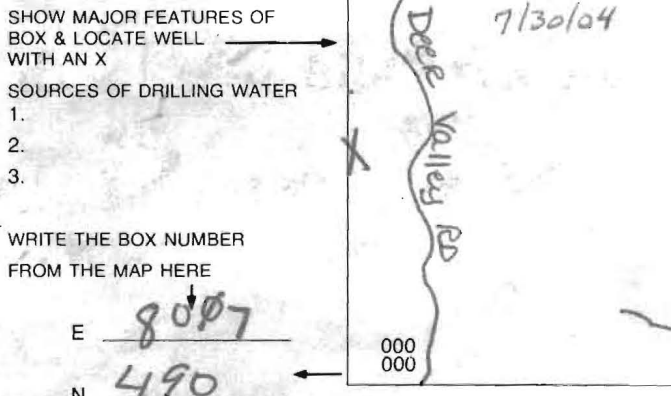
APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

AIR-ROTary AIR-PERcussion (circled) ROTARY (Hydraulic Rotary) DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled) THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED... AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS... THIS WELL WILL DEEPEM AN EXISTING WELL



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G PERMIT No. HO-94-3990

SPECIAL CONDITIONS

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

- The well site has been staked by ~~THE~~ Mildenberg Brøender
(professional land surveyor or company employing professional land surveyors)
on 7/26/04 (date) and does not require a site inspection.
- The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location.

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 6/10/03

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogles Well Drilling Telephone #: 410-795-5670
Address: 580 Obrecht Rd
Sykesville, Md 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:
Name (Print): Allen Compton License# MSD009

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Winthorpe Boulden Telephone #:
Subdivision: Wood Farm Lot #: 42 Well Tag #: HO-94-3990
Site Address: 7107 Deer Valley Rd

Submersible Pump Data

Make: Grundfos
Model #: 1550E10C220
Pump Capacity: 15 GPM
Well Yield: 6 GPM

Pitless Adapter

Make: Compton
Model#: N/A
Depth: 36 (36" min)
NSF approved: yes

Well Cap and Electric Conduit

Two piece watertight cap: yes
Screened, vented well cap: yes
Cap secured to casing: yes
Conduit min 18" B.G.: yes
Conduit secured to well cap: yes

Depth of well encountered at time of pump installation: 500 (feet)

If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one

Safety rope, if used, attached to inside of well casing with eye bolt NA

Piping to house

Type: 1" Black Plastic
PSI: 160 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: yes
Approximate length of sleeve: 5
Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Allen Compton date: 6/12/05

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 6/2/05 Date Insp. Approved: 6/2/05 BB

- Inspection Data: Pitless adapter and water supply line at least 36" below grade
- Two piece cap installed and attached to casing securely
- Elec. conduit extends at least 18" below grade/attached to cap properly
- Safety rope installed inside of well casing
- Correct well tag attached properly and casing 8" above finished grade
- Water supply line sleeved adequately at house connection
- Adequate grout observed below pitless adapter

SITE INSPECTION SHEET

OWNER: Mr Thompson

DATE REQUESTED: 8/15/96

ADDRESS: 7121 Deer Valley Rd

DRILLER: _____

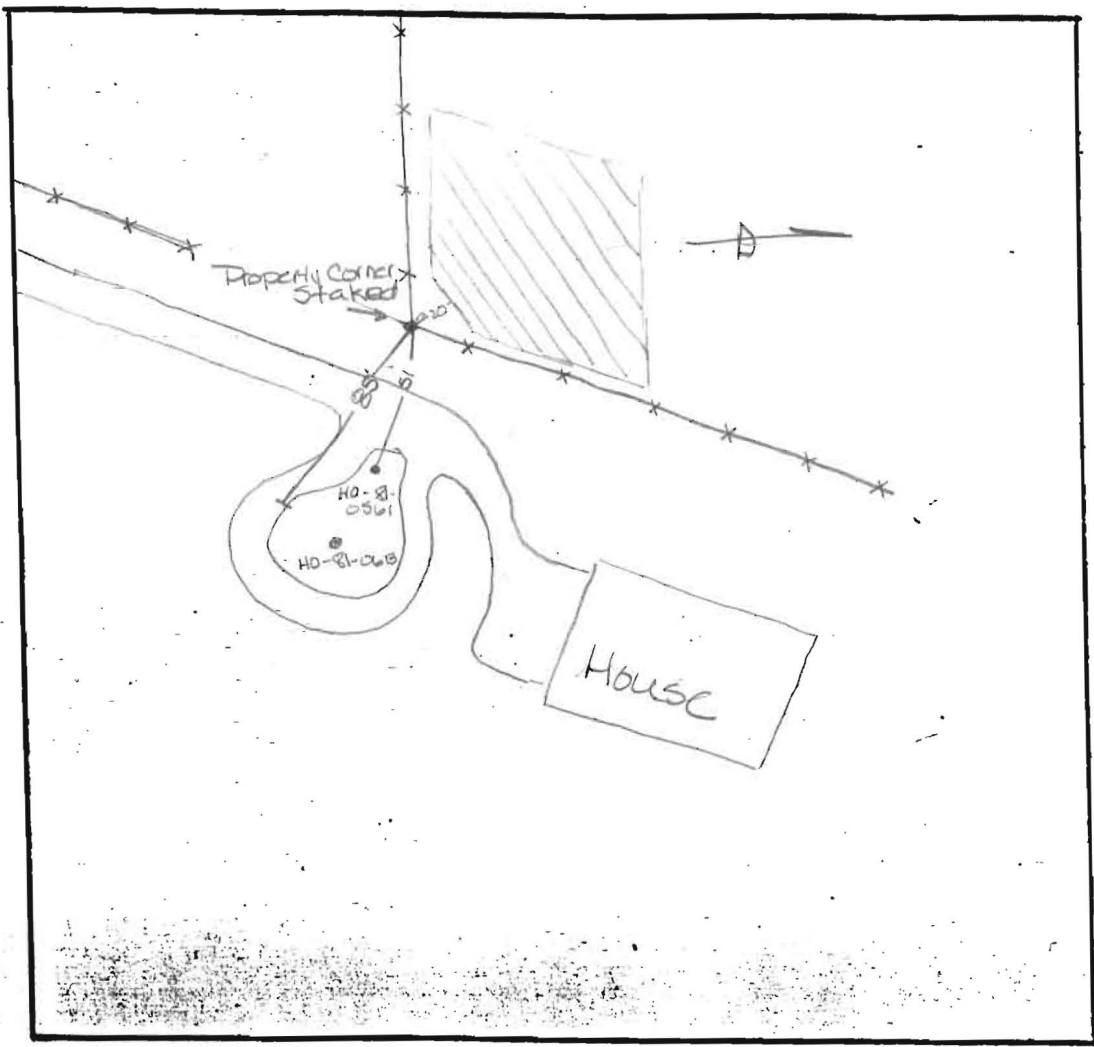
924-3039 Highland, MD

WELL TAG # _____

COUNTY # _____

PROPOSAL: Mr Thompson reports septic easement on Lot 33-A
Cistle Farms to be <100' from well

LOCATION DIAGRAM



COMMENTS: 8/16/96 Well HO-8-0561 is approx 71' from the approved
SDA on lot 42 Cistle Farms

DATE: 8/16/96

INSPECTOR: Amy McMillen

FOUNTAIN VALLEY ANALYTICAL LABORATORY, INC.

1413 Old Taneytown Rd. Westminster, MD (410) 848-1014 (410) 876-4554 FAX (410) 848-0298

REPORT OF ANALYSIS

Laboratory ID #:	57179	Account #:	5708
Reference:	Winthorpe Inc	Company:	Winthorpe Inc
Location:	7107 Deer Valley Road Highland, MD 20777	Requested By:	Scott Szeliga
Date/ Time Collected:	11/18/2005 0945	Source:	Well Water
Date/Time Rec'd:	11/18/2005 1248	Site:	Kitchen Sink Tap
Chlorine ppm:	Free: ND Total: ND	Treatment:	None
Collected By:	J.Yeager 6176JY	pH:	7.4
		Well #:	HO-94-3990

PARAMETERS	RESULTS	UNITS	REFERENCE	METHOD	DATE/TIME/ANALYSIS
Bacteria, Coliform, Total, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	11/19/2005 / 1000 / BCD
Bacteria, E. coli, MPN	<1.0	MPN/ 100 ml	<1.0	SM18 9223 B.	11/19/2005 / 1000 / BCD
Nitrate	<1.0	mg/L	10	601	11/18/2005 / 1600 / BCD
Turbidity	2.35	NTU	<10	SM18 2130B	11/18/2005 / 1455 / BCD
Sand	NS	mg/L	5	Visual/Gravimetric	11/18/2005 / 1455 / BCD

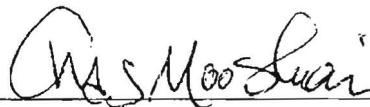
NOTES

- 1 mg/L = milligrams per liter (also, parts per million)
- 2 MPN/ 100 ml = Most Probable Number [of viable bacteria] per 100 ml of sample.
- 3 NS = None Seen (NS indicates less than 5 mg/L)
- 4 NTU = Nephelometric Turbidity Units
- 5 Results less than or within the reference range are considered satisfactory and within potable water limits at the time of sampling.
- 6 ND:None Detected
- 7 Visual well check: Sealed, vented cap
- 8 pH tested on-site

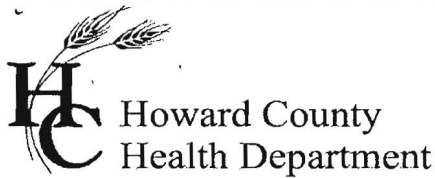
Reason for Test : Use & Occupancy
 Building Permit # : B00151397

Date Reported: 11/21/2005

Laboratory Director:



Charles Mooshian, B.S., M.T.



7178 Columbia Gateway Drive, Columbia Maryland 21046
(410) 313-1771 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

November 21, 2005

Winthorpe, Inc.
P. O. Box 279
Highland, MD 20777

SENT VIA FACSIMILE 301-854-1091

RE: Cissel Farms, Lot 42
7107 Deer Valley Road
Highland, MD 20777
BP #: B00151397
Well Permit # HO-94-3990

Dear Sir:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 11/21/2005. Final approval of the well line connection to the dwelling was approved on 6/02/2005.**


The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3990. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Samples: 11/18/2005
Date of Well Completion: 7/30/2004

Approving Authority,

Gabe Creighton, Sanitarian
Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File