

C1 06160 (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A28294

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 06 17 99

Depth of Well 22 402 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2262

OWNER Reiley Peqay STREET OR RFD Foxspur Court TOWN Clarksville SUBDIVISION Farside SECTION LOT 63

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Dirt, Soft Br. Sandstone, Blue Sandstone, Br. Sandstone, Blue Sandstone, Opening, Blue Sandstone.

GROUTING RECORD form with fields: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (10), NO. OF POUNDS (70), GALLONS OF WATER (60), DEPTH OF GROUT SEAL (28).

CASING RECORD form with fields: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (53), Nominal diameter (5 1/2), Total depth of main casing (30).

OTHER CASING (if used) table with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD form with fields: screen type or open hole (HO), diameter of screen (5 7/8), DEPTH (30, 402).

NUMBER OF UNSUCCESSFUL WELLS: 1

WELL HYDROFRACTURED (Y) CIRCLE APPROPRIATE LETTER (A, E, P)

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...

DRILLERS LIC. NO. 1 MVD 256, DRILLERS SIGNATURE (Dana Kuyper Jr. II)

LIC. NO. 1 MWD 256, SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns: 1-21, 23-26, 30-32, 36-38, 39-41, 45-47, 51. Includes handwritten notes like '110', '200', '402'.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST form with fields: HOURS PUMPED (6), PUMPING RATE (2), METHOD USED TO MEASURE PUMPING RATE (Submersible), WATER LEVEL (22), BEFORE PUMPING (307), WHEN PUMPING (22), TYPE OF PUMP USED (S submersible).

PUMP INSTALLED form with fields: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O), CAPACITY: GALLONS PER MINUTE (31), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (+ above), LAND SURFACE (2), LOCATION OF WELL ON LOT.

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL). Includes handwritten note '1 clay well 250 ft'.

B 1 SEQUENCE NO. (MDE USE ONLY)
 8670
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL
 W514642 please print or type

STATE PERMIT NUMBER
 H0-94-2262
 fill in this form completely

B 2 OWNER INFORMATION
 Date Received (APA) 05/29/99
 RILEY Peery
 6405 ALLU. SUPRIUE
 COLUMBIA MD 21046

B 3 LOCATION OF WELL
 HOWARD COUNTY
 FARSIDE SUBDIVISION
 SECTION 44 46 LOT 48 50
 CLARSBVILLE TOWN
 3.5 MILES FROM TOWN

DRILLER INFORMATION
 PAUL K. YIKER SR
 WESTMINSTER ROTARY WELL DRILLING CO.
 P.O. BOX 561 WESTMINSTER, MD 21157
 Date 5-10-99

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NE
 NEAR WHAT ROAD: FOXSPUR COURT
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): WEST
 DISTANCE FROM ROAD: 60 FT

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) 6
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 400

USE FOR WATER (CIRCLE APPROPRIATE BOX)
 D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 Howard Co A28294
 COUNTY NAME COUNTY NO.
 DATE ISSUED 05/17/99
 NORTH GRID 510000 EAST GRID 820000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTary DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 WRITE THE BOX NUMBER FROM THE MAP HERE
 820
 570

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
 N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 D THIS WELL WILL DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROX. PERMIT NUMBER GAP
 FORCE AM PERMIT No. H0-94-2262

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2262
 Location of property (road) Foxspur Court
 Subdivision Farside Lot 63 Block Plat Sec.
 Well Driller Dana Kyker Owner Peggy Reiky

Depth of well 402 feet
 Distance of measuring point (M.P.) above ground 2 feet
 Static water level (S.W.L.) below M.P. 22 feet

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 AM Pumping rate 2 GPM
 Total time 6 hrs to reach pumping water level 307 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill X 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	22'	5 sec.		12
8:15	72'	6 sec.		10
8:30	138'	6 sec.		10
8:45	201'	7 sec.		8.5
9:00	245'	8 sec.		7.5
9:15	290'	9 sec.		6.6
9:30	328'	30 sec.		2
9:45	327'	30 sec.		2
10:00	326'	30 sec.		2
10:15	325'	30 sec.		2
10:30	324'	30 sec.		2
10:45	323'	30 sec.		2
11:00	322'	30 sec.		2
11:15	321'	30 sec.		2
11:30	320'	30 sec.		2
11:45	319'	30 sec.		2
12:00	319'	30 sec.		2
12:15	318'	30 sec.		2
12:30	317'	30 sec.		2
12:45	316'	30 sec.		2
1:00	315'	30 sec.		2
1:15	314'	30 sec.		2
1:30	313'	30 sec.		2
1:45	312'	30 sec.		2

5/15/01
AM

**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: Willoughby Plumb Telephone #: 781-7051
Address: 6203 PATRICK DR
SEKESVILLE, 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): Chris Willoughby License# 6992

*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: DALE THOMPSON Telephone #: _____
Subdivision: Forside Lot #: 63 Well Tag #: HO 44-2262
Site Address: 1123 FOXS PUR CT
ELICOTT CITY, MD 21043

Submersible Pump Data **Pitless Adapter** **Well Cap and Electric Conduit**
Make: JALUZZI Make: Harwood Two piece watertight cap:
Model #: _____ Model#: _____ Screened, vented well cap:
Pump Capacity _____ GPM Depth: 48" (36" min) Cap secured to casing:
Well Yield: 2 GPM NSF approved: _____ Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: 402 (feet) Conduit secured to well cap:

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 _____

Piping to house **House Connection**
Type: CRESTLINE PVC sleeved to undisturbed soil at wall penetration:
PSI: 1" (160 psi min) Approximate length of sleeve: 40
Depth of supply line: (36" min) Sleeve caulked and sealed properly:

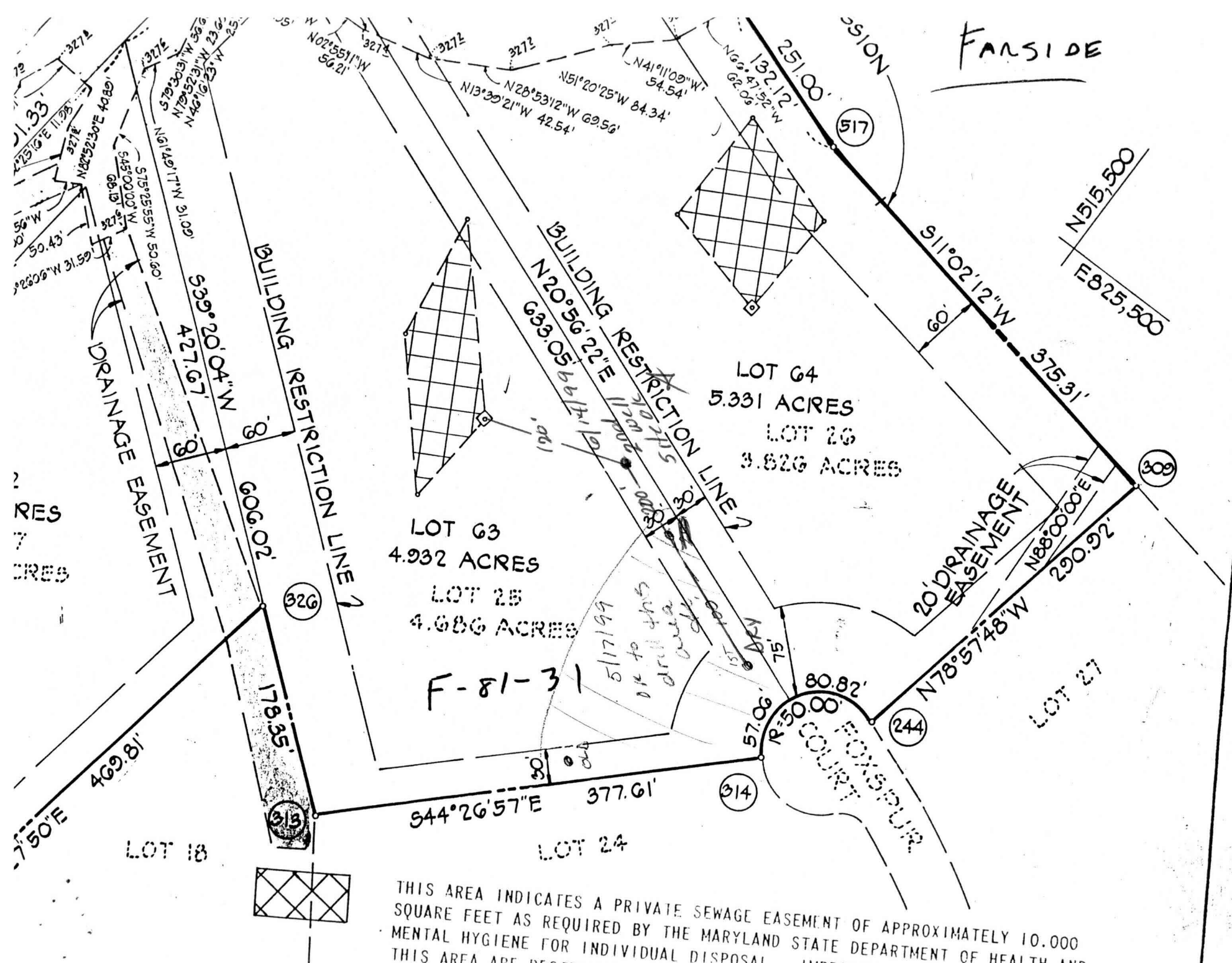
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Chris Willoughby date: 4/27/01

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

Date Insp. Requested: 5/15/01 Date Insp. Approved: 5/15/01 (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

FANSIDE



THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL DISPOSAL. IMPROVEMENTS OF ANY KIND IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. ANY RESIDENTIAL STRUCTURES...

F-81-31

5/17/99
OK to this
drill this
area

LOT 64
5.331 ACRES
LOT 26
3.826 ACRES

LOT 63
4.932 ACRES
LOT 25
4.686 ACRES

LOT 18

LOT 24

LOT 27

R=50.00
COUNTY FOREST

RES
CRE

5-7-99

Pur Dana Kyker - Confirmation pump test was done recently by Stans Well Drilling - he reported it failed but has not released the results to owner Peggy Riley. Dana asking if he should (he was asked to re-test again) pump it for 6 hrs. I told him we had no authority in real estate transactions, but it would be a good idea

A McMill

5/14/99

Spoke again w/ Dana Kyker after receiving a replacement well permit - progress of events again:

- HO 73 3598 drilled in 1980 - 145' deep and 10 gpm by Stans Well Drilling
- Stan asked to deepen well w/ in past 3-4 weeks & pumped - ~~only~~ less than 1 gpm
- D Kyker pumped HO 73 3598 - yielded $\frac{3}{10}$ gpm - He suggested new well and submitted application.

AU

5/19/99

Met Dana Kyker for replacement well site - large area approved - potential owner asked if he could keep HO-73 3598, told him to write letter & submit fee ,



November 9, 2000

Mark Rifkin
Howard County Health Department Environmental Health
3525 Ellicott Mills Drive
Ellicott City, MD 21042

Dear Mr. Rifkin:

The second well on Lot 63, Farside, will be maintained by the owner of the property.

A check for the \$80.00 fee is attached and made out to the Director of Finance, Howard County as required.

If you have any questions regarding this matter, don't hesitate to call our office at (410) 995-6736.

Very truly yours,

A handwritten signature in cursive script that reads "Don Hamburg".

Don Hamburg
Contract Administrator Technical