

C 1 9611

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A 59915

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 5 18 99 Depth of Well 280'

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho - 94 - 2116

OWNER Highland Development first name last name STREET OR RFD Street B1 TOWN Alerwood SUBDIVISION Knapp SECTION LOT 41

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-45) and Gray Granite (45-280).

GROUTING RECORD form with fields for CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS (18), NO. OF POUNDS (1692), GALLONS OF WATER (108), DEPTH OF GROUT SEAL (0-44).

CASING RECORD form with fields for MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (49).

OTHER CASING (if used) form with fields for diameter and depth.

SCREEN RECORD form with fields for screen type (ST, BR, HO) and diameter of screen (56-60).

PUMPING TEST form with fields for HOURS PUMPED (3), PUMPING RATE (20), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (54-60), TYPE OF PUMP USED (S).

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP (YES), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31-35), PUMP HORSE POWER (37-41), PUMP COLUMN LENGTH (43-47), CASING HEIGHT (+ above, - below).

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

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

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.: MS D024 DRILLERS SIGNATURE (Must match signature on application)

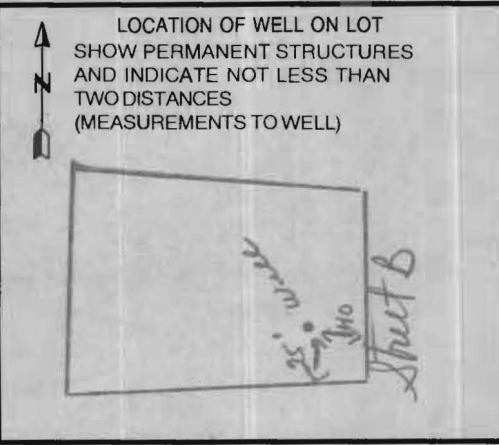
LIC. NO.: MS D027

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

DEPTH (nearest ft.) table with columns for depth intervals (1-21, 23-26, 30-32, 38-41, 45-47, 51) and slot size.

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 TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 0343

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER H0-94-2116 fill in this form completely

OWNER INFORMATION: Date Received (APA) 12/29/98, Highland Development, P.O. Box 228, Clarksville Md. 21029

DRILLER INFORMATION: Joseph L. Mayne, MSD 24, Joseph L. Mayne Well Drilling, 5512 Ridge Rd. Mt Airy, Md 21771, 12/29/98

WELL INFORMATION: APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 580 GAL. PER DAY

USE FOR WATER: DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION, TEST, OBSERVATION, MONITORING

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

METHOD OF DRILLING: AIR-ROTARY, JETTED, ROTARY (Hydraulic Rotary)

REPLACEMENT OR DEEPEINED WELLS: THIS WELL WILL NOT REPLACE AN EXISTING WELL

Not to be filled in by driller (MDE OR COUNTY USE ONLY): APPROP. PERMIT NUMBER 54, PERMIT No. H0-94-2116

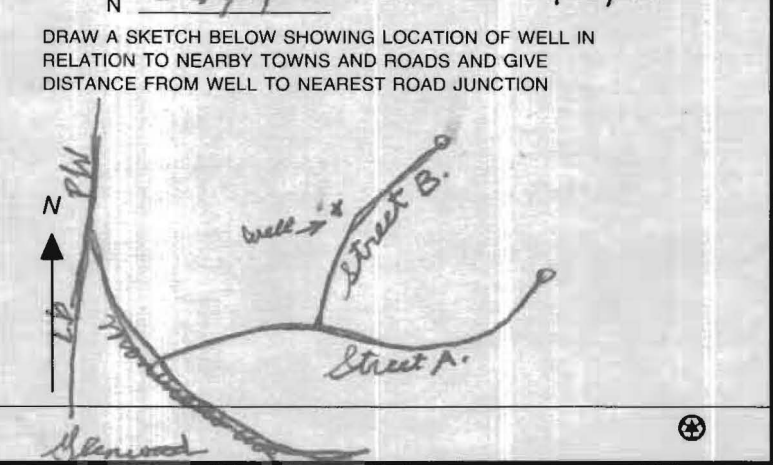
SPECIAL CONDITIONS: NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

LOCATION OF WELL: Howard, Knapp Property, Colenwood, NEAREST TOWN, MILES FROM TOWN 3

DIRECTION OF WELL FROM TOWN (CIRCLE BOX): N, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N, DISTANCE FROM ROAD 35 FT, TAX MAP: 8, BLK: 18, PARCEL 110

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: Howard, H 59915, COUNTY NAME, STATE SIGNATURE, DATE ISSUED 2/16/99, CO SIGNATURE Kim Maisto 2/16/00, NORTH GRID 544, EAST GRID 797

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER: 1. Well, WRITE THE BOX NUMBER FROM THE MAP HERE: E 797, N 544





5/18/99

Page \_\_\_\_\_ of \_\_\_\_\_  
Date \_\_\_\_\_

Review \_\_\_\_\_

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2116  
Location of property (road) Street B  
Subdivision Knapp Lot 41 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
Well Driller Moyle Owner Highland Development

Depth of well 280'  
Distance of measuring point (M.P.) above ground 1 1/2'  
Static water level (S.W.L.) below M.P. 54'

I. High rate pumping -- reservoir drawdown

Time pump started 6:30 Pumping rate 20 GPM  
Total time 5 min to reach pumping water level 60 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 $\frac{1}{2}$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
6:45	60'	3 sec	-	20 gpm
7:00				
7:15				
7:30				
7:45				
8:00				
8:15				
8:30				
8:45				
9:00				
9:15				
9:30	60'	3 sec	-	20 G.P.M.
	49 ft <del>open</del> casing			
	44 ft open			
	18 bags			
	No Sample Opportunity			
	5/18/99 B.B			

Fax 11-21-01

12/10/01  
Well Cap  
PM

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: Foxles Well Drilling Telephone #: 410-795-5670  
Address: 588 Obrecht Rd  
Sylasville 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# MSD 009

\*A licensed individual must perform the actual installation. Apprentices must be under the supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification. Unlicensed individuals may be reported to the appropriate licensing agency.

Name of Property Owner: D.R. Horton Telephone #: 301-674-4922  
Subdivision: Monticello Lot #: 41 Well Tag #: HO-99-2116  
Site Address: 14313 FoxCreek Ct

Submersible Pump Data

Make: Goulds  
Model #: 5805422  
Pump Capacity 7 GPM  
Well Yield: 20 GPM

Pitless Adapter

Make: Campbell  
Model#: \_\_\_\_\_  
Depth: 42" (36" min)  
NSF/WSC 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: 260 (feet)  
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4  
Torque arrestors, Cable guards, or other acceptable method used- Must circle one  
Safety rope, if used, attached to brass rope adapter or other acceptable method inside of well casing NA

Piping to house

Type: 1" Black Plastic  
PSI: 160 (160 psi min)  
Depth of supply line: 44 (36" min)

House Connection

PVC sleeve to undisturbed soil at wall penetration: yes  
Approximate length of sleeve: 8'  
Sleeve caulked and sealed properly: yes

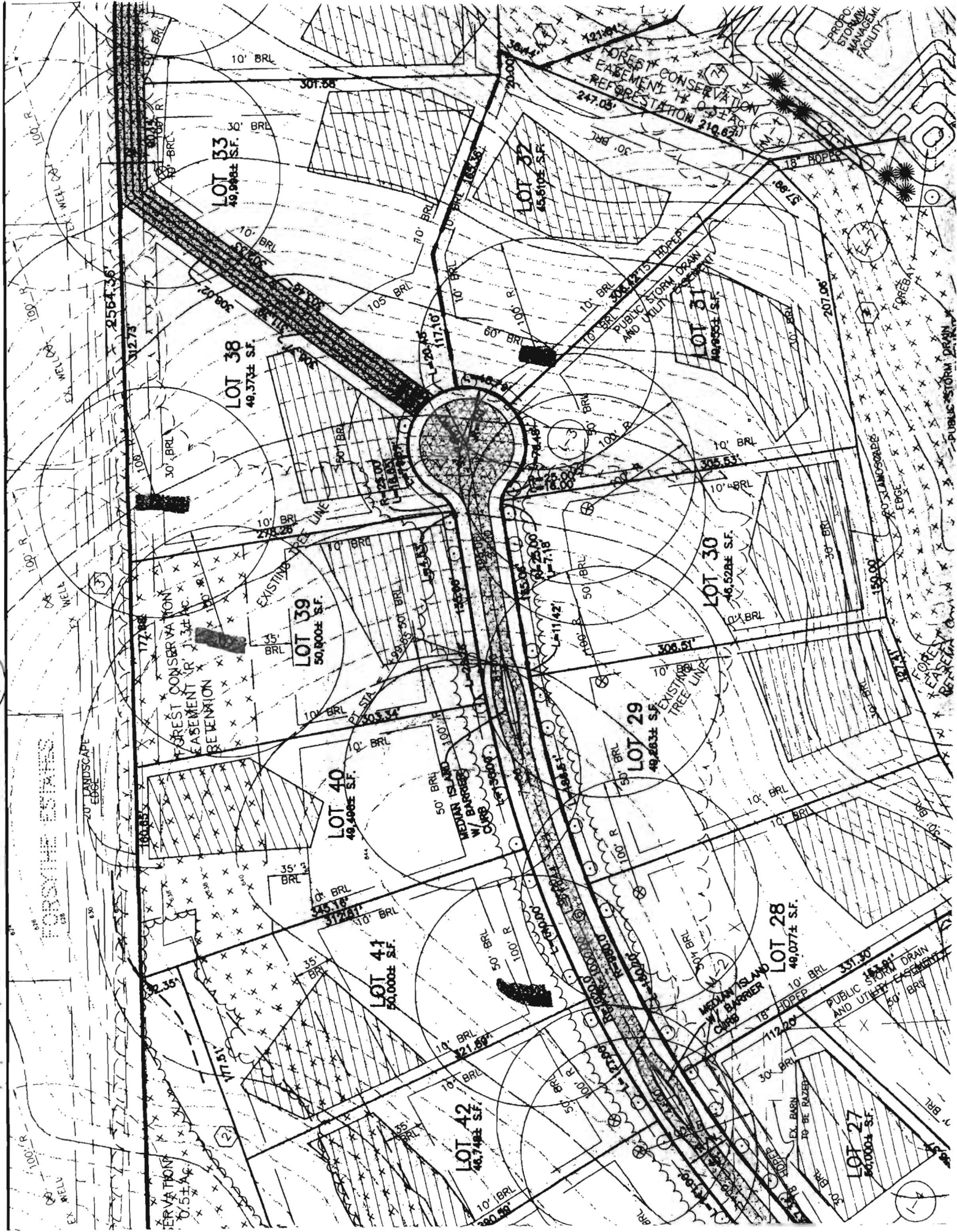
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: [Signature] date: 11-19-01

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

Date Insp. Requested: 10/1/01 Date Insp. Approved: 10/1/01 Inspector: (KG) SRK  
Inspection Data: Pitless adapter watertight & 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 not seen outside of well cap/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 ✓

2/10/99 Well Site ok as staked (FM)



FORSYTHE ESTATES

FOREST CONSERVATION EASEMENT RETENTION REFORESTATION 210.6± AC

PROPOSED STORMWATER MANAGEMENT FACILITY

PROPOSED STORMWATER DRAIN

PROPOSED STORMWATER DRAIN

PROPOSED STORMWATER DRAIN

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