

C1 0733 (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER 21804 SRK s/as/101

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 5 17 2001 Depth of Well 22 285' 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3097

OWNER Clark Jeanette STREET OR RFD Denmark Drive TOWN Glenwood SUBDIVISION Rover Mill Estates SECTION LOT 26

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Sand Stone and Gray Mica Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), NO. OF BAGS 8, NO. OF POUNDS 752, GALLONS OF WATER 48, DEPTH OF GROUT SEAL 19 ft.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter top (main) casing 6 inch, Total depth of main casing 21 feet.

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

SCREEN RECORD: screen type or open hole (ST), insert appropriate code below.

NUMBER OF UNSUCCESSFUL WELLS: 2

WELL HYDROFRACTURED (Y)

- CIRCLE APPROPRIATE LETTER: 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...

DRILLERS LIC. NO. 1 M SD 024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 M D

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

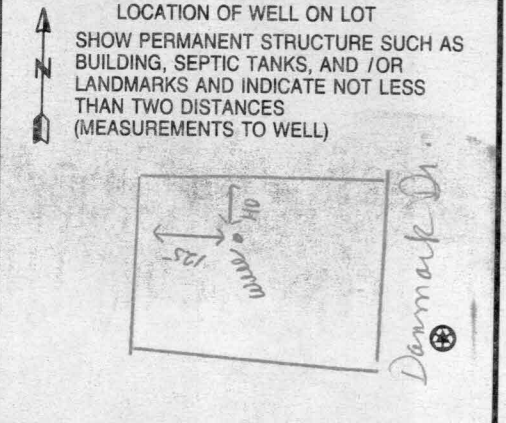
DEPTH (nearest ft.) table with columns for depth intervals (1-11, 15-17, 21-23, 24-26, 30-32, 36-38, 39-41, 45-47, 51-53) and slot size/diameter of screen.

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

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 12, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 28 ft., WHEN PUMPING 42 ft., TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED: DRILLER INSTALLED PUMP (YES NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31-35, PUMP HORSE POWER 37-41, PUMP COLUMN LENGTH (nearest ft.) 43-47, CASING HEIGHT (circle appropriate box and enter casing height) above 49, below 2 (nearest foot).



B1 8474

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER HO-94-3097

W515049 please print or type

fill in this form completely

Date Received (APA) 04 17 01

OWNER INFORMATION

Clark L. Jeanette
400 Ferndale Ave
Glen Burnie Md 21061

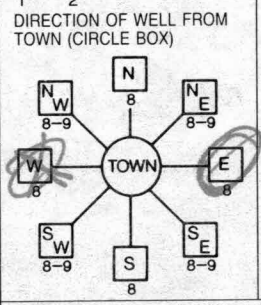
LOCATION OF WELL

Howard
8 COUNTY
Rover Mill Estates
23 SUBDIVISION
SECTION 44 46 LOT 26 48 50
Glenwood
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 3

DRILLER INFORMATION

Joseph R. Mayne MSD 24
Joseph R. Mayne Well Drilling
5512 Ridge Rd. Mt. Airy Md 21771
Joseph R. Mayne 4/16/2001

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



3162 Danmark Drive
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



140 FT
DISTANCE FROM ROAD

WELL INFORMATION

APPROX. PUMPING RATE 5 (GAL. PER MIN.)
AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY)

TAX MAP: BLK: PARCEL

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard 21804
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 05 03 01 Steven R. Krieg 05 03 02
CO SIGNATURE EXP. DATE
NORTH GRID 531 000 EAST GRID 790 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

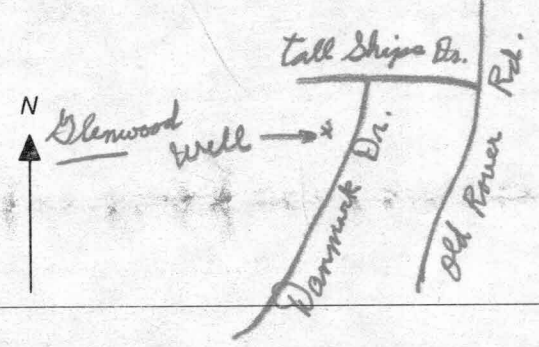
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER G
PERMIT No. HO-94-3097

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE
E 790
N 5301

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



SPECIAL CONDITIONS

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: J. Joseph Gartland, Inc. Telephone #: 410-875-2400
Address: 1835 W. Old Liberty Rd.
Westminster, MD. 21157

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): JAMES J. GARTLAND, Jr. License# 1713
* 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: CARRIANN HOMES, INC. Telephone #: 410-465-7755
Subdivision: ROSEN HILL ESTATES Lot #: 26 Well Tag #: HO-94-3097
Site Address: 3162 DANMARK DRIVE
WEST FLEETWORTH, MD. 21794

Submersible Pump Data Pitless Adapter Well Cap and Electric Conduit
Make: Goulds Make: Howard Two piece watertight cap:
Model #: 75B05422 Model#: PT800 Screened, vented well cap:
Pump Capacity 7 GPM Depth: 42" (36" min) Cap secured to casing:
Well Yield: 12 GPM NSF approved: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: _____ (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 of 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: Plastic PVC sleeved to undisturbed soil at wall penetration:
PSI: 160 (160 psi min) Approximate length of sleeve: 6 FT.
Depth of supply line: 42" (36" min) Sleeve caulked and sealed properly:

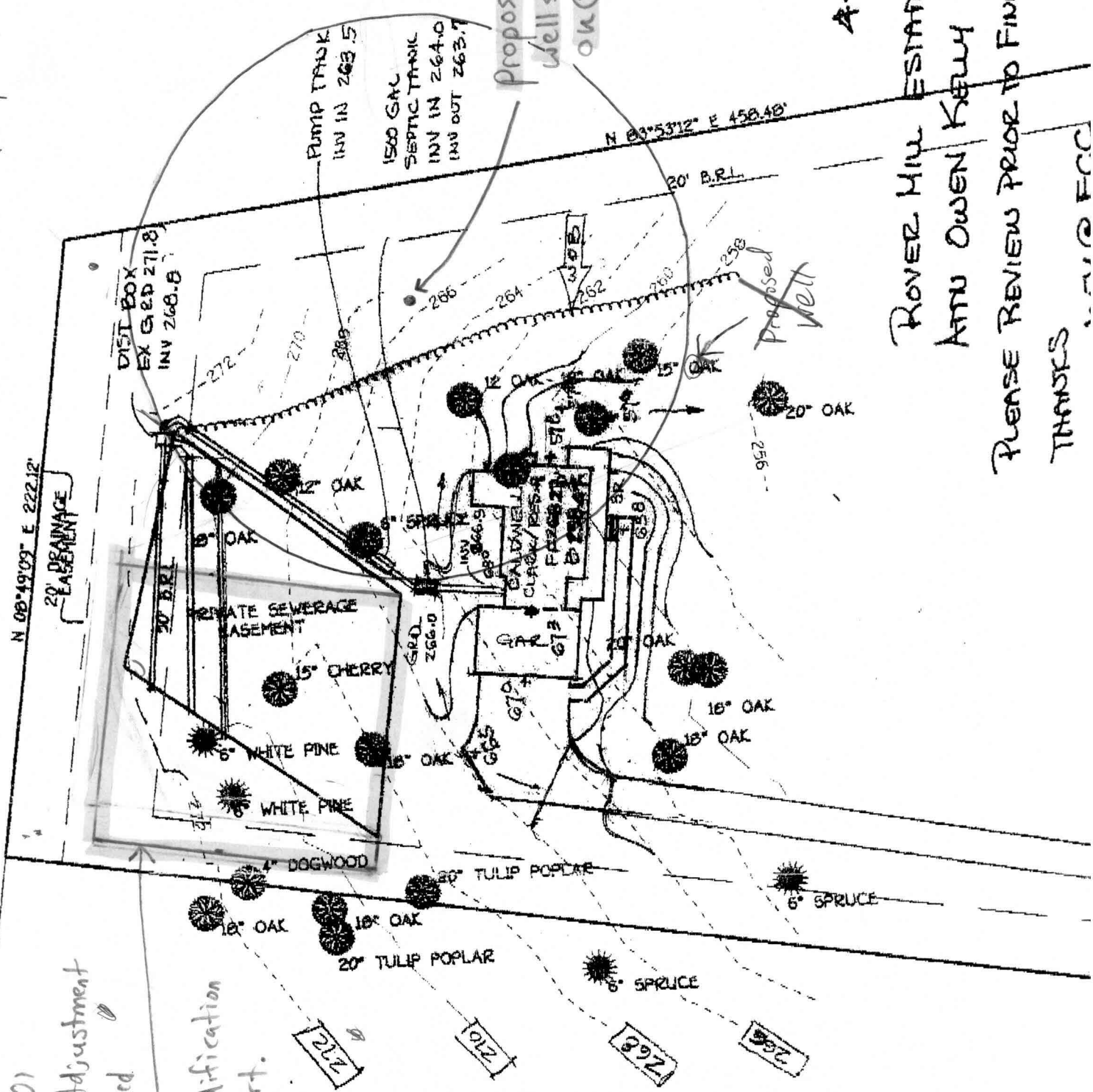
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

[Signature] Signature of company representative responsible for installation 09/06/01 date

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

Date Insp. Requested: 8/31/01 Date Insp. Approved: 8/31/01 BB SRK
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

Health Dept. Copy



5/2/01
Proposed Well site
OK SRM

A-2-01

ROVER HILL ESTATES
ATTN OWEN KELLY

PLEASE REVIEW PRIOR TO FINAL DRA
THANKS

N 00°49'09" E 222.12'
20' DRAINAGE EASEMENT

20' B.R.L.

PRIVATE SEWERAGE EASEMENT

5/2/01
Easement Adjustment
To be approved
with
official modification
to perc. cert.

SRM

BERT -

HERE IS LOT 26 ROVER MILL EST
END OF TALL SHIPS DRIVE - 2ND LOT IN ON LEFT.
USE YOUR MAP BOOK TO GET THERE.

THE WELL SITE IS IN QUESTION.

HAVE PROPERTY OWNER IDENTIFY REAL BOUNDARY
OF PROPERTY - THEN SEE WHAT IS POSSIBLE.

- 1) MAYBE NO PROBLEM
- 2) MAYBE ADMINISTRATIVE ADJUSTMENT
TO PERC AREA.
- 3) MAYBE REPERC REQUIRED.

IF UNCERTAIN, REFER INFO TO ME FOR REVIEW,
ASK OWNER TO CALL ABOUT 4 PM.

Craig

RE-INSP INDICATES WELL SITE IN TOP RIGHT
CORNER. HOUSE SITE JUST BELOW. SOME
ADJUSTMENT IN SEPTIC AREA REQ'D, ANY OTHER
PROPOSAL REQUIRES RETEST.

12/23/85 C.W./B.N.

CHARLES A. MORRIS
246/92 TO 06

CONTOUR ON PREL. PLAT INACCURATE

WELL SITE HERE
N83°53'12"E 458.48'

12/23/85 B.N./C.W.

SEE SHE

HOUSE SITE HERE

506°06'48"E 78.23'

584°56'45"E 450.00'

LOT 26
COPY OF SIGNED FINAL,
TOPO QUESTIONABLE,
HOUSE AND WELL SITE UNCERTAIN,
RE INSPECTION REQ'D,
12/9/85
Cullinan

Lot 26
6.138 Ac.t

20' Drainage
Easement

AGENT
MARILYN GALLAGHER
ERA
465-8300/465-4288
316 W AT DRIVEWAY
ON DAN MAR
15 475' TO
CENTER OF TRUSHTS
AND IS LOCATED
50' OF PROPERTY

NOTE: DRIVEWAY CULVERT
SHALL HAVE A MINIMUM
PIPE OPENING OF 36"

Lot 25
6.614 Ac.t

AGENT - MRS GALLAGHER
NOTIFIED BY PHONE THAT
FIELD INSPECTION WOULD
BE REQ'D. BEFORE
WELL SITE APPROVED
LOT LINES UNCERTAIN
AT THIS TIME.
SHE WILL INVESTIGATE
12/11/85 C.W.

UNLESS THE
BACK OF PROPERTY
IS WELL INTO
THE OPEN
FIELD,
Restriction

N81°10'51"W 451.53'

N78°00'00"W 460.00'

Lot 23
2.832 Ac.t

Building Restriction
Line

N81°10'51"W 451.52'

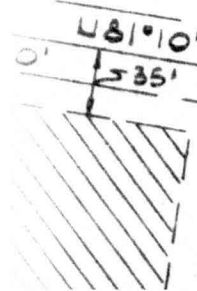
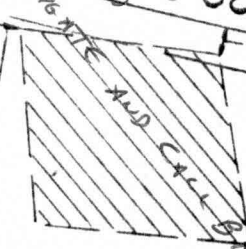
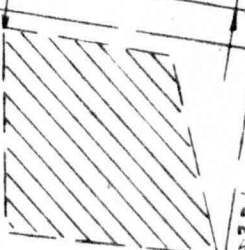
Building Restriction
Line

Lot 24
2.837 Ac.t
12/11/85
Cullinan

N08°49'05"E 223.7155'

N64°18'25"W
N64°18'

Building
MARK
2:01
L=280



(61)

(18)

(52)

(63)