

C1 0510 SEQUENCE NO. (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 (3) A515015

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 10 11 01

Depth of Well 22 160' 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3246

OWNER Long last name, Craig first name, STREET OR RFD Corner of Damark and Tall Ships Drives TOWN, SUBDIVISION Rover Mill Estates SECTION, LOT 27

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entries for Sand (0-44) and Gray Mica Rock (44-160).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (CM/Bentonite Clay), NO. OF BAGS 17, NO. OF POUNDS 1598, GALLONS OF WATER 102, DEPTH OF GROUT SEAL (to nearest foot) from 0 to 42 ft.

CASING RECORD

MAIN CASING TYPE ST (STEEL), Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 48.

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

SCREEN RECORD

screen type or open hole (insert appropriate code below), SCREEN RECORD ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

C2 DEPTH (nearest ft.)

Table with columns: E A C H S C 3 R E E N, 1 2 3, 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51. Includes slot size and diameter of screen information.

NUMBER OF UNSUCCESSFUL WELLS: 2

WELL HYDROFRACTURED (Y/N)

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...

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)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

70 TELESCOPE CASING, 72 LOG INDICATOR, 74 75 76 OTHER DATA

C3 PUMPING TEST

HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 15, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 12 ft., WHEN PUMPING 12 ft., TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED

DRILLER INSTALLED PUMP YES (NO), IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS, 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, LAND SURFACE, - below 2 (nearest foot) 50 51.

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)

See Attached location.

B 1 8435

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO - 94 - 3246

fill in this form completely

OWNER INFORMATION Date Received (APA) 9/12/2001 Long, Angela G. & Craigs. 4905 Bramhope Lane Ellicott City Md 21043

LOCATION OF WELL Howard Rover Mill Estates 27 Adenwood 2 M I

DRILLER INFORMATION Joseph P. Mayne MSD 24 Joseph P. Mayne well Drilling 5512 Ridge Rd. Mt. Airy Md. 21771 9/10/2001

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 325 FT 14 24 106

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard 13 A515015 Brian Baker 10/2/2002

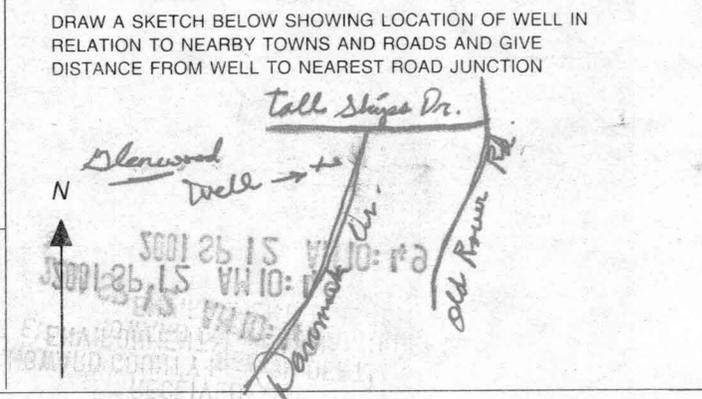
USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

APPROXIMATE DEPTH OF WELL 260 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X 10/11/01 9:30 17 Bags Cement

METHOD OF DRILLING (circle one) BORED (or Augered) AIR-ROTary

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL NOT REPLACE AN EXISTING WELL



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER G PERMIT No. HO - 94 - 3246

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

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: 1935 W 101st Circle Rd
Westminster Md 21152

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Eric Gartland License # 9549
* 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: William Hanes Jr Telephone #: 410-465-7755
Subdivision: Rose Mill est Lot # 27 Well Tag #: HQ
Site Address: 14041 Fox Sheds Dr
West Friendship Md

<u>Responsible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goetts</u>	Make: <u>Howard</u>	Two piece watertight cap: <u>✓</u>
Model #: <u>105805</u>	Model #: _____	Screened, vented well cap: _____
Pump Capacity <u>10</u> GPM	Depth: <u>42"</u> (36" min)	Cap secured to casing: _____
Well Yield: _____ GPM	NSF approved: _____	Conduit min 18" E.G.: _____
Depth of well encountered at time of pump installation: <u>165</u> (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 <u>inside</u> of well casing with eye bolt _____		

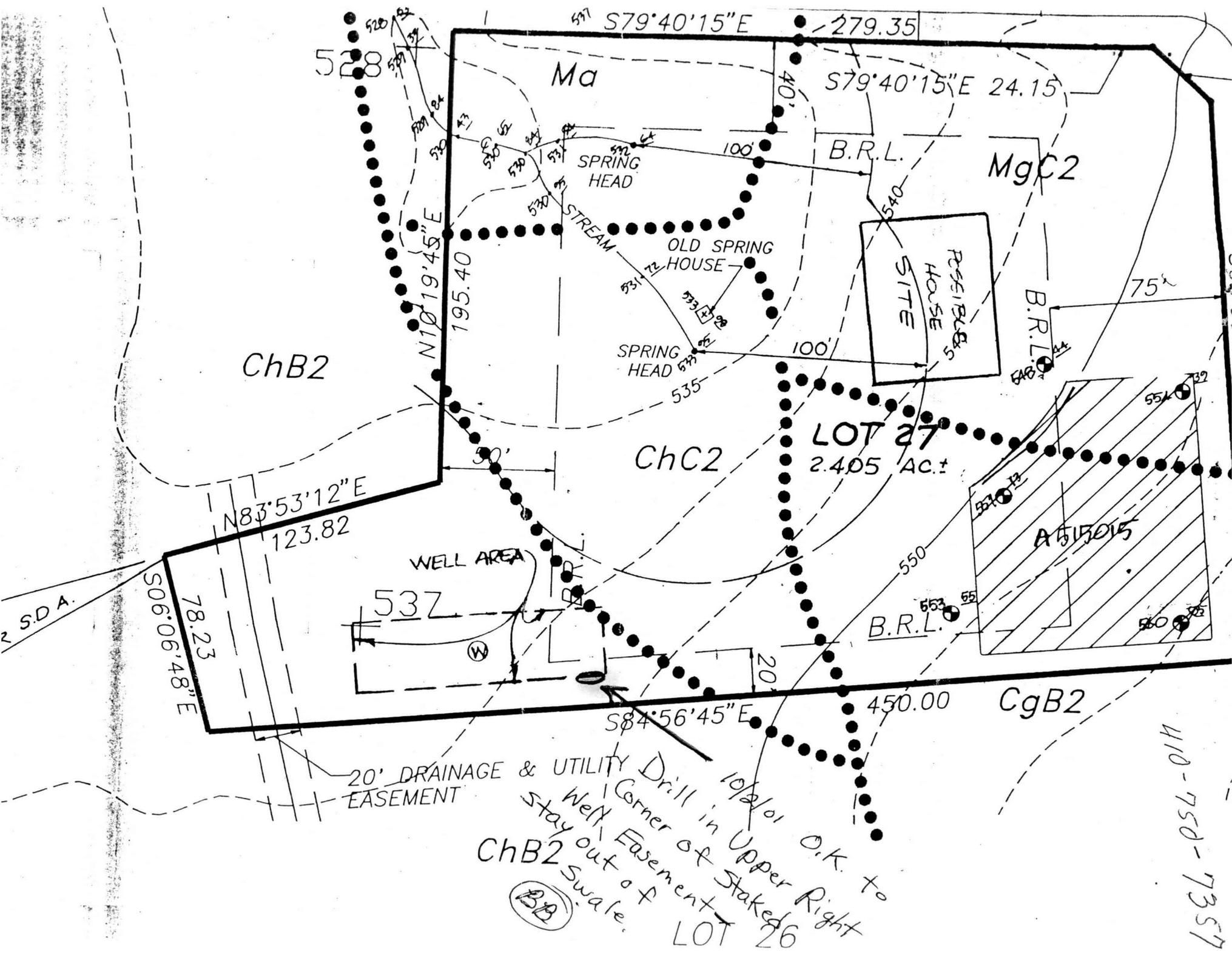
<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Plastic</u>	PVC sleeved to undisturbed soil at wall penetration: <u>yes</u>
Size: <u>1/2"</u> (160 psi min)	Approximate length of sleeve: <u>6'</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve caulked and sealed properly: <u>yes</u>

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: _____ date: 10-04-02

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

Date Insp. Requested: 4/29/02 Date Insp. Approved: 5/1/02 KG/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 ✓
BB



528

Ma

MgC2

ChB2

ChC2

LOT 27
2.405 Ac.±

CgB2

A 515015

20' DRAINAGE & UTILITY EASEMENT

Drill in Upper Right Corner of Staked Well Easement - Stay out of Swale. ChB2 (BB) O.K. to LOT 26

110-750-7357

2 S.D.A.

S79°40'15"E 279.35

S79°40'15"E 24.15

N10°19'45"E 195.40

N83°53'12"E 123.82

S06°06'48"E 78.23

S84°56'45"E 450.00

B.R.L.

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B.R.L.

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279.35

40'

100'

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CONTOUR ON PREL. PLAT INACCURATE

WELL SITE HERE
N 83° 53' 12" E 458.48'

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

SEE SHEET

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,
12/19/85
Cullinan

20' Drainage Easement

Lot 26
6.138 Ac.

ADJ. LOT 26

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

Lot 25
6.614 Ac.

AGENT - MAS GALLAGHER
NOTIFIED BY PHONE THAT
FIELD INSPECTION WOULD
BE REQ'D. BEFORE
WELL SITE APPROX.
LOT LINES UNCERTAIN.
AT THIS TIME,
SITE WILL INVESTIGATE.

Lot 23
2.832 Ac.

Building Restriction Line

Lot 24
2.837 Ac.

Building RESTRICTION LINE
UNMARK

N 81° 10' 51" W 451.52'

N 08° 05' 05" E 225.155'

N 64° 18' 25" W 435
N 64° 18' 25"

