

C1 6968

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 4 5 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A 526241

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY 5 14 2007

Depth of Well 22 260 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho 95-1099

Handwritten note: Compl Report ok 6/20/07 GAC

OWNER J M G Builders Inc last name Howard Hodge first name Nelson TOWN Sykesville SUBDIVISION Nelson Property SECTION LOT 2-A

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, FEET (FROM, TO), check if water bearing. Rows: Sand (0-40), Yellow Clay (40-48), Sand (48-56), Mica Rock (56-260).

GROUTING RECORD WELL HAS BEEN GROUDED (Y) NO (N) TYPE OF GROUING MATERIAL (C) BENTONITE CLAY (B) NO. OF BAGS 30 NO. OF POUNDS 2520

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 37 ft. (enter 0 if from surface)

CASING RECORD MAIN CASING TYPE ST Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 60

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

SCREEN RECORD screen type or open hole ST BR HO PL OT

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

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. 1 M S D 024 DRILLERS SIGNATURE Joseph M. Mayne

LIC. NO. 1 M S D 024

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

DEPTH (nearest ft.) table with rows for casing types and slot sizes.

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

PUMPING TEST 3 HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface) BEFORE PUMPING 10 ft. WHEN PUMPING 63 ft.

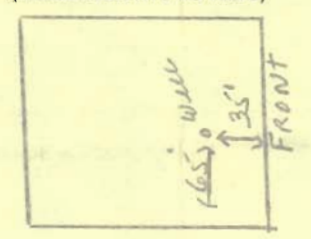
TYPE OF PUMP USED (for test) S submersible

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 CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

CASING HEIGHT (circle appropriate box and enter casing height) (+) above LAND SURFACE (nearest foot) 2 (-) below

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)



B 1 9810

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HP-95-1099

526656 please type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

J M G Builders Inc P.O. Box 1281 Sykesville Md 21784

B 3

LOCATION OF WELL

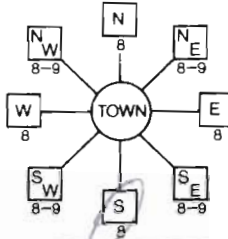
Howard Nelson Prop Sykesville 242 M I

DRILLER INFORMATION

Joseph L. Mayne M S D O Z K Joseph L. Mayne Well Drilling 5512 Ridge Rd Mt Airy Md 21771 4/15/07

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Howard Lodge Dr

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



40 DISTANCE FROM ROAD ENTER FT OR MI

TAX MAP: 9 BLK: 12 PARCEL: 306

B 2

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, Farming, Industrial, Public Water Supply Well, Test, Observation, Monitoring, Geo-Thermal

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A 526241 COUNTY NAME COUNTY NO. DATE ISSUED 4/26/07 CO SIGNATURE EXP. DATE 4/26/08 NORTH GRID 549 000 EAST GRID 816 000

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

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 DEEPEMED AN EXISTING WELL

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

APPROP. PERMIT NUMBER G PERMIT No. HP-95-1099

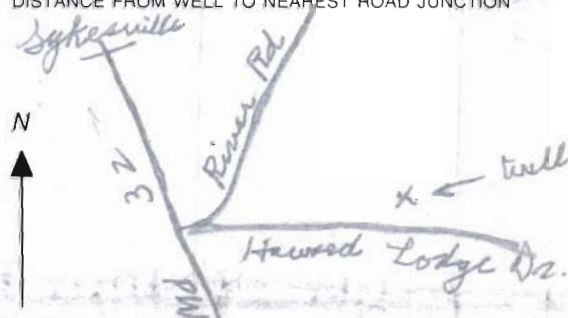
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 816 N 5489

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

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: Gaske Plumbing & Heating INC Telephone #: 410-549-4761  
Address: P.O. Box 1247  
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): John Gaske License# 8139

**\*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: GREG NELSON Telephone #: 410-442-4200  
Subdivision: \_\_\_\_\_ Lot #: 2A Well Tag #: HO-95-1099  
Site Address: 12384 HOWARD LODGE DRIVE

**Submersible Pump Data**

Make: MYERS  
Model #: 35T72-S  
Pump Capacity 6 GPM  
Well Yield: 10 GPM

**Pitless Adapter**

Make: CAMPBELL  
Model#: BX10  
Depth: 42" (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: \_\_\_\_\_ (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 PLUS TAPE

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

**Piping to house**

Type: Silver line  
PSI: ✓ (160 psi min)  
Depth of supply line: ✓ (36" min)

**House Connection**

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

Sleeved UNDER Footer OF HOUSE

**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: John Gaske date: 10/8/07

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

Date Insp. Requested: 10/18/07 Date Insp. Approved: 1/15/08 (KW)

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 ✓





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

## ATTENTION WELL DRILLERS!!!

When submitting a well application for a new or replacement well,  
please indicate one of the following:

- The well site has been staked by Carroll Land Service  
on 4-17-2007 and is ready for site inspection.
- \_\_\_\_\_ will call the Health Department  
for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application.  
This should help improve communication allowing a more timely  
service for our citizens.

C - 443-463-2754

KN JM G Builders - John Coakle  
Nelson Property Lot 2-A

LIBER 712 FOLIO 023

PAGE 3

EXHIBIT "A"

THIRD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
DESCRIPTION OF LOT NO. 2A 1.044 ACRES

Being part of that parcel of land which by Deed dated November 5, 1965 and recorded among the Land Records of Howard County, Maryland, in Liber 445 at Folio 404 was granted and conveyed by the Debra Corporation to Donald J. Weisensel.

Beginning for the same at a point in the center of a sixteen and one-half foot (16½') wide right of way, said point being on and distant 1.98' from the beginning of the sixth or North 61° 12' 5" West 336.1 foot line of that parcel of land which by Deed dated November 5, 1965, and recorded among the Land Records of Howard County, Maryland, in Liber 445 at Folio 404 was granted and conveyed by the Debra Corporation to Donald J. Weisensel and running thence binding along the said sixth line for the following lines of conveyance:

- (1) North 61° 12' 51" West 2.51 feet to a point, thence leaving said sixth line
- (2) North 33° 29' 16" East 610.52 feet to a point, thence
- (3) North 57° 18' 22" West 276.08 feet to a point, thence
- (4) North 33° 46' 31" East 163.74 feet to a point, thence
- (5) South 54° 56' 54" East 277.83 feet to a point, thence
- (6) South 33° 29' 16" West 762.64 feet to the place of beginning containing 1.044 acres of land, more or less.

Subject to and together with a 60.00 foot wide right of way for the purposes of ingress and egress from the lot to Howard Lodge Road, the center line of which is more particularly described as follows:

Beginning for the same at a point in the center of Howard Lodge Road a 16½ foot right of way described in the above mentioned Deed from the Debra Corporation to Donald J. Weisensel said point being on and 97.45 feet distant from the beginning of the fifth or North 69° 32' 25" West 115.95 foot lines of the same deed, and thence leaving said road North 33° 29' 16" East 1047.31 feet to a point at the end of the above described 60 foot right of way, said point being South 33° 29' 16" West 256.5 feet from a point on and 870.94 feet distant from the end of the 14th or last line of the above mentioned deed.

Mailed to Taitkin & Abramson, Esqs  
117 Thacker Bldg.  
Columbia Md. 21044

FEB 10 1975

AT 1:43 P.M. SAME DAY RECORDED & EX'D PER C. MERRITT PUMPHREY, CLK.

# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

Jmg Builders Inc.  
P.O. Box 1281  
Sykesville, Md 21784

Reporting Date: 1/7/2008  
Report #: K4048

Submitted Sample Address: 12384 Howard Lodge Drive  
Sykesville, MD 21784  
Submitted Sample Source: Holding tank  
Date / Time Collected: 1/2/2008 10:46 AM  
Sample Type: Drinking Water  
Sampler/Company: D. Pitts 4322DP, WTL of MD  
Field Record: Chlorine residual: Absent Clear when drawn  
Well #: HO-95-1099

## Analytical Results

Parameter	Result	Units	Detection Level	MCL	Analytical Method
Total Coliforms	Present	Coliforms/100 ml	Present/Absent	Present	SM 9223B
<i>E. Coli</i>	Absent	Coliforms/100 ml	Present/Absent	Present	SM 9223B
Nitrates + Nitrites	2.78	mg/L	1.0	10	EPA 353.2
Sand	Absent	P/A	Present/Absent	Present	Visual
Turbidity	1.2	NTU	0.5	10	SM 2130B
pH	5.8	SU	0.1	6.5-8.5 (SMCL)	EPA 150.1

### Notes:

- Bacteriological analysis of this sample indicates this water is **unsafe** for human consumption.
- MCL is EPA's maximum contaminant level under primary drinking water regulations. SMCL is secondary maximum contaminant level and is the aesthetic quality only. If your result is above any MCL or SMCL, you may want to consider a water treatment system or a new well. Please check your local regulations for any restrictions or additional limits.
- ND - Not Detected.
- Sample received and examined within EPA's recommended holding time
- Analyzed by Lab 214.
- SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater*, 20<sup>th</sup> Ed.

Reported by,

*Christina Rodgers*

C. Rodgers, Customer Service Representative

Reviewed by: *BNB*

# Water Testing Laboratories

P.O. Box 712  
Stevensville, MD 21666  
410-643-7711

of Maryland, Inc.

Jmg Builders  
P. O. Box 1281  
Sykesville, Md 21784

Reporting Date: 1/10/2008  
Report #: K4068

Submitted Sample Address: 12384 Howard Lodge Drive  
Sykesville, Md 21784  
Submitted Sample Source: Hose Bib at Inlet Pipe by Pressure Tank  
Date / Time Collected: 1/9/2008 09:25 AM  
Sample Type: Drinking Water  
Sampler/Company: D. Pitts 4322DP, WTL of MD  
Field Record: Chlorine residual: Absent Clear when drawn  
Well #: HO-95-1099

## Analytical Results

Parameter	Result	Units	Detection Level	MCL	Analytical Method
Total Coliforms	Absent	Coliforms/100 ml	Present/Absent	Present	SM 9223B
<i>E. Coli</i>	Absent	Coliforms/100 ml	Present/Absent	Present	SM 9223B


Notes:

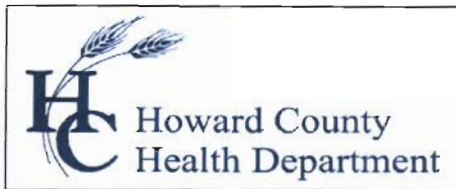
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- Analyzed by Lab 214.
- SM - Greenberg, Clesceri and Eaton, *Standard Methods for the Examination of Water and Wastewater*, 20<sup>th</sup> Ed.

Reported by,



C. Rodgers, Customer Service Representative

Reviewed by: 



Bureau of Environmental Health  
7178 Gateway Drive Columbia, MD 21046  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

*Peter Beilenson, M.D., M.P.H., Health Officer*

01/15/08  
~~12/07/2007~~

Homeowner  
12384 Howard Lodge Drive  
Sykesville, MD 21784

RE: Nelson Prop., Lot 2-A  
12384 Howard Lodge Dr.  
BP # B07002873  
Well Permit # HO-95-1099

Dear Sir/Madam:

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 1/7/2008. Final approval of the well line connection to the dwelling was approved on 1/15/2008.**

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-95-1099. 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: 1/2/2008, 1/9/2008  
Date of Well Completion: 5/14/2007

Approving Authority,

Kevin Wolf, Sanitarian  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File