

C 1 14236

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER AS10610

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 9/3/02

Depth of Well 300

PERMIT NO. HO-C4-3487

OWNER LANDSCAPE DEVELOPMENT STREET OR RFD CARRS MILL ROAD TOWN LISBON SUBDIVISION MAPLE RIDGE SECTION LOT 17

WELL LOG

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 include topsoil, red rocky clay, reddish brown shale, brown slate, greenish gray slate, brown slate, bluish gray slate w/ quartz.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 26 NO. OF POUNDS 2600 GALLONS OF WATER 156 DEPTH OF GROUT SEAL 62

CASING RECORD

MAIN CASING TYPE (S) (T) (P) (L) (O) (T) Nominal diameter top (main) casing 6 Total depth of main casing 68

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

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST LOG 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 MWD 040 George F. Easterday DRILLERS SIGNATURE

LIC. NO. 1 JUD 7271

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

DEPTH (nearest ft.) 66 300

AS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 58 60

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 O LOG INDICATOR OTHER DATA

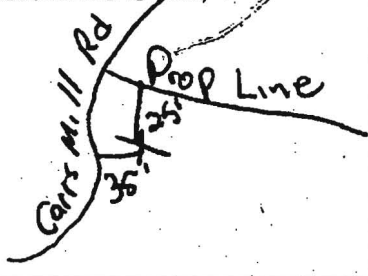
PUMPING TEST

HOURS PUMPED (nearest hour) 3 1/2 PUMPING RATE (gal. per min.) 12 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 46 WHEN PUMPING 52 TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (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 () below LAND SURFACE 2 (nearest foot)

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 2178

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

please type

STATE PERMIT NUMBER

HO-94-3487

fill in this form completely

Date Received (APA)

08-16-02

OWNER INFORMATION

9123

Landscape Development
15 Last Name Owner First Name 34
16307 Carrs Mill Road
36 Woodbine, Md 21797
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

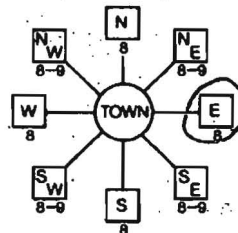
Howard CC#
8 COUNTY 21
Maple Ridge
23 SUBDIVISION 42
SECTION 44 46 LOT 48 50 17
Lisbon
52 NEAREST TOWN 71
MILES FROM TOWN (enter 0 if in town) 1 M I
73 76 77 78

DRILLER INFORMATION

George F. Easterday M WD 040
Driller's Name 76 License No. 81
L. Franklin Easterday, Inc.
Firm Name
9265 Brown Church Rd., MT. Airy, Md. 21771
Address
George F. Easterday 7/12/2002
Signature Date

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Carrs Mill Road

11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W EAST E
SOUTH S
34 35 37
DISTANCE FROM ROAD Ft
ENTER FT OR MI 38 39
TAX MAP: 8 BLK: 14 PARCEL: 51/378

WELL INFORMATION

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

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 AS10610
COUNTY NAME COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 08/15/02 Mark E. Ripkin 8/15/03
CO SIGNATURE EXP. DATE
NORTH GRID 543 0 0 0 EAST GRID 785 0 0 0
50 55 57 63

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
other:

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) 41

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

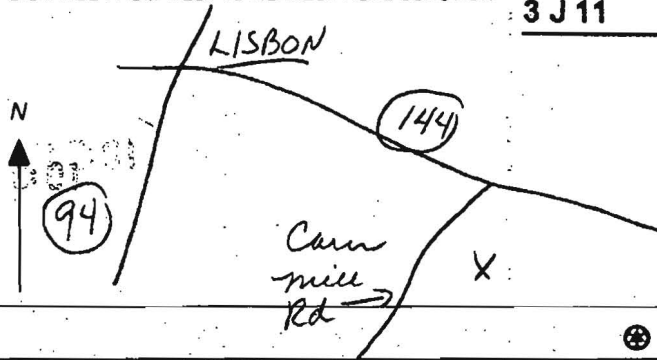
- SOURCES OF DRILLING WATER
1. wells
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

785
540

Grant 9/3/02 7 A.M.
69' Casing 300'
62' Artesian
26' Bays
12' GPM

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



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

APPROX. PERMIT NUMBER G
PERMIT No. HO-94-3487

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: Robert L. Feazer Co. Inc Telephone #: 410-781-4655
Address: 6301 Barnhart Ave.
Sykesville, MD

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer

License # and name of individual responsible for the field installation:

Name (Print): Robert L. Feazer License# 3122

*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: NV Homes Telephone #: 410-379-5436
Subdivision: Mud Run, Md Lot #: 17 Well Tag #: HO-94-2487
Site Address: 16174 Cedar Mill Lane

Submersible Pump Data

Make: Sta-R-A
Model #: 7PY 002NL-04
Pump Capacity: 7 GPM
Well Yield: 12 GPM

Pitless Adapter

Make: Campbell
Model #: PF 800
Depth: 4 1/2" (36" min)
NSF approved:

Well Cap and Electric Conduit

Two piece watertight cap:
Screened vented well cap:
Cap secured to casing:
Conduit min 18" B.G.:
Conduit secured to well cap:

Depth of well encountered at time of pump installation: 3.06 (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 pumps are required - Must circle one

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

Piping to house

Type: Poly
PSI: 200 (160 psi min)
Depth of supply line: 4 1/2 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve: 5'
Sleeve caulked and sealed properly:

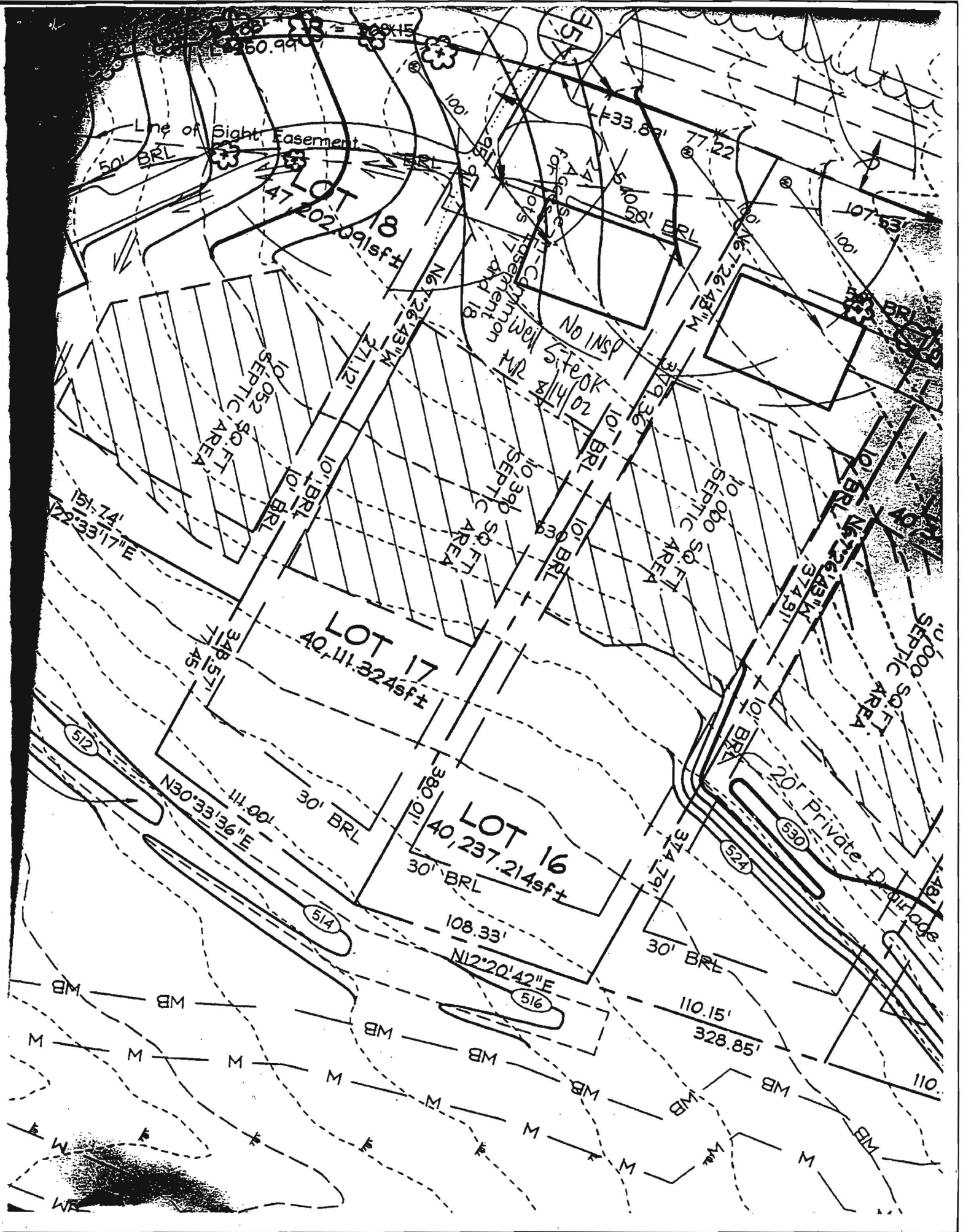
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Robert L. Feazer date: 10/16/03
Job was inspected by Kavelly date: 10/14/03 time: 12:00

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

Date Insp. Requested: 10/14/03 Date Insp. Approved: 10/14/03 KN 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



Line of Sight Easement

LOT 18
40,202.091sf±

10'052 SQ.FT. SEPTIC AREA

10'181 BRL

10'181 BRL

LOT 17
40,111.324sf±

30' BRL

LOT 16
40,237.214sf±

30' BRL

Aggr Use for Hots
Easement
Well
Cannon
and
17
and
18

NO INSP
5' FEOK
8/14/02
10' BRL

10'039 SQ.FT. SEPTIC AREA

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10'060 SQ.FT. SEPTIC AREA

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10'000 SQ.FT. SEPTIC AREA

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

10' BRL

20' Private Driveway

WB
W
G
M

WB
W
G
M