

PUB. SEWER STATUS VERIFIED BY _____

04-318358

ISSUE DATE: 1/29/86

APPROVAL DATE: 6/29/86

PERMIT INDEXED

P _____

A 46189-W

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: _____ LOT NUMBER: _____

ADDRESS: 16657 Frederick Road PROPERTY OWNER: _____

SEPTIC TANK CAPACITY (GALLONS): _____

PUMP CHAMBER CAPACITY (GALLONS): _____

NUMBER OF BEDROOMS: _____

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: _____

TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	_____
PURPOSE:	_____

PLANS APPROVED: _____ DATE: 9/9/75

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

**BUILDING PERMIT SIGNED
AND RETURNED 7-3-02
800137277-GARAGE**

A46189-W

C1 4111 SEQUENCE NO. (OEP USE ONLY) 2198

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) NEW OWNER

COUNTY NUMBER

DATE Received DATE WELL COMPLETED

Depth of Well 129.86 ft. (TO NEAREST FOOT) 300

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1310

OWNER Norton last name Charles first name

STREET OR RFD RT 144 TOWN

SUBDIVISION SECTION LOT

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. Rows include: TOP soil (0-2), Clay (2-5), Shaley (5-9), blue slate (9-40), brown slate (40-45), blue slate (45-300).

GROUTING RECORD WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 5 NO. OF POUNDS 500 GALLONS OF WATER 30 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 19 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE (ST) Nominal diameter (6) Total depth (21)

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

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

DEPTH (nearest ft.) H 0 19 300

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

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

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

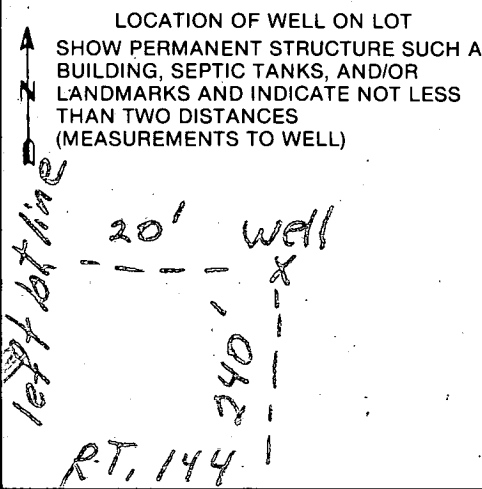
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

DRILLERS IDENT. NO. 41 P. Daniels Signature SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP 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) 9 PUMPING RATE (gal. per min. to nearest gal.) 1 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 50 WHEN PUMPING 300 TYPE OF PUMP USED (for test) Air (A) centrifugal (C) jet (J) piston (P) rotary (R) submersible (S) turbine (T) other (describe below) (O)

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) above (plus) below (minus) LAND SURFACE (nearest foot)



B 1 7119
THIS NUMBER IS TO BE PUNCHED IN COLS: 3-6 ON ALL CARDS

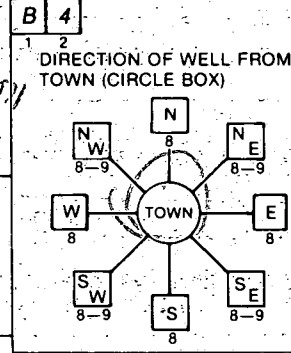
SEQUENCE NO. (OEP USE ONLY) 12/98
STATE OF MARYLAND PERMIT TO DRILL WELL
NEW OWNER please print or type

OEP PERMIT NUMBER
HO-81-1310
fill in this form completely

Date Received 1/7/86
OWNER INFORMATION
Last Name: MIKE SOJONSON
Owner: MIKE SOJONSON
First Name: MIKE
Street or RFD: 11657 FREDERICK RD
Town: AIRY State: MD Zip: 21771

LOCATION OF WELL
8 COUNTY: HOWARD
23 SUBDIVISION: MAP 7 PARCEL 59
SECTION: 44 LOT: 46
52 NEAREST TOWN: HOPLOR SPRING
MILES FROM TOWN (enter 0 if in town) 0 MI

DRILLER INFORMATION
Driller's Name: Daniel Easterday
Firm Name: L. Franklin Easterday, Inc.
Address: 9265 Brown Church Rd. Mt Airy, MD 21771
Signature: Daniel Easterday Date: 7-6-85



NEAR WHAT ROAD: RT 144
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): WEST
DISTANCE FROM ROAD: 340 FT

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.): 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 200

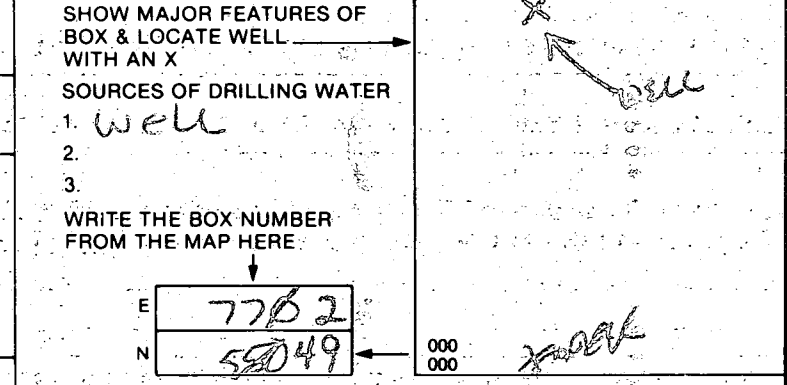
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME: HOWARD COUNTY NO.:
OEP SIGNATURE: [Signature] STATE HEALTH INSERT S:
DATE ISSUED: 03/16/86
CO SIGNATURE: [Signature] EXP. DATE:
NORTH GRID: 549000 EAST GRID: 0772000

APPROXIMATE DEPTH OF WELL: 200 FEET

APPROXIMATE DIAMETER OF WELL: 6 INCH

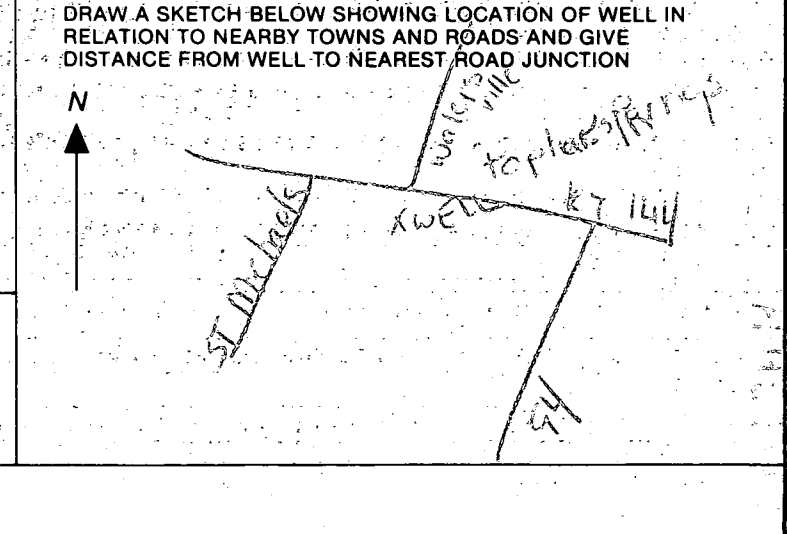
METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTary DRIVE POINT
other:



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
 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 (OEP USE ONLY)
APPROP. PERMIT NUMBER: GAP
FORCE INITIALS IN BOX: [Signature] PERMIT No.: HO-81-1310

SPECIAL CONDITIONS



C1 2308 SEQUENCE NO. (OEP 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

DATE RECEIVED, DATE WELL COMPLETED, DEPTH OF WELL, PERMIT NO.

OWNER, STREET OR RFD, SUBDIVISION, SECTION, LOT

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and Check if water bearing.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL, CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD: casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) diameter, depth.

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

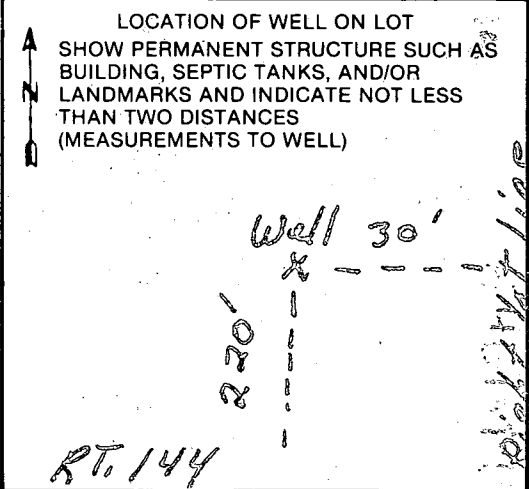
DEPTH (nearest ft.), SLOT SIZE, DIAMETER OF SCREEN.

GRAVEL PACK, IF WELL DRILLED WAS FLOWING WELL INSERT.

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER), TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, BEFORE PUMPING, WHEN PUMPING, TYPE OF PUMP USED.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP, TYPE OF PUMP INSTALLED, CAPACITY, GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



A 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 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE, DRILLERS IDENT. NO., DRILLERS SIGNATURE, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

B 1 8692 SEQUENCE NO. (OEP USE ONLY)

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

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

70 **HO-81-1041** 79

fill in this form completely

Date Received 7/8/85 9:30 AM

OWNER INFORMATION

8 **HOLTAN CHARLES** 13

15 Last Name 8 Owner 34 First Name

36 **16657 FREDERICKA RD** 55

57 **Mt Airy** 70 State 72 **MD** 76 Zip 76 **21771**

B 3 LOCATION OF WELL

1 **Howard** 21

8 COUNTY

23 **MAP 7 PARCELS 9** 42

SUBDIVISION

SECTION **44** 46 LOT **48** 50

52 **Godlat Spring** 71

NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **0** 73 **MI** 76 77 78

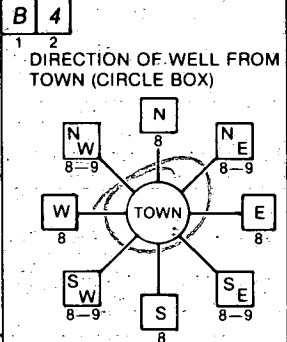
DRILLER INFORMATION

Driller's Name **Samuel Easterday** 77 License No. 80 **41**

Firm Name **L. Fran Klin Easterday Inc**

Address **9265 Brown Church Rd Mt Airy MD**

Signature **Samuel Easterday** Date



11 **RA 144** 30

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH WEST EAST SOUTH

34 **240** 37

DISTANCE FROM ROAD

ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **600** 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME **Howard** COUNTY NO.

OEP SIGNATURE **Chris Williams** STATE HEALTH INSERT S 41

DATE ISSUED **05 29 85** 43 48 CO SIGNATURE **11/25/85** EXP. DATE

NORTH GRID **550000** 50 55 EAST GRID **0772000** 57 63

APPROXIMATE DEPTH OF WELL **150** 24 28 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

other _____

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

770 2

550 0

550 N

000 000

#1 Well Location OK
19' FE OPEN ANNULAR
5 BAGS cement
23' FE CASING

#2 Well Location OK
20' FE OPEN ANNULAR
23' FE OF CASING
6 BAGS OF CEMENT
WELL

REPLACEMENT OR DEEPEND WELLS (CIRCLE APPROPRIATE BOX)

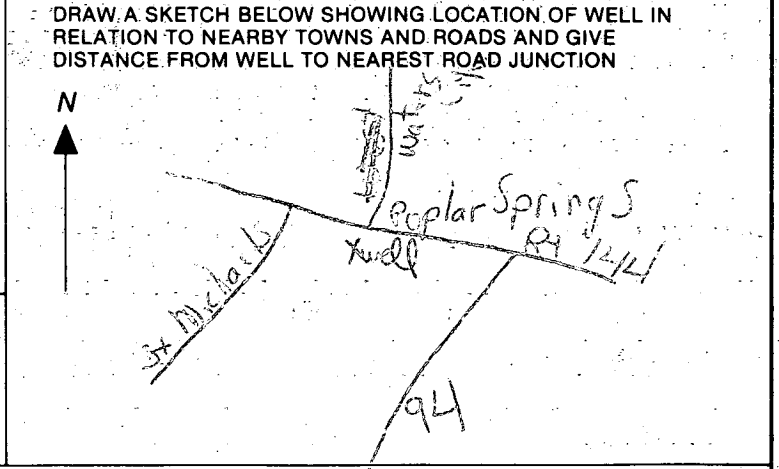
THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

THIS WELL WILL DEEPEAN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEDED (IF AVAILABLE) 41 _____ 52



Not to be filled in by driller (OEP USE ONLY)

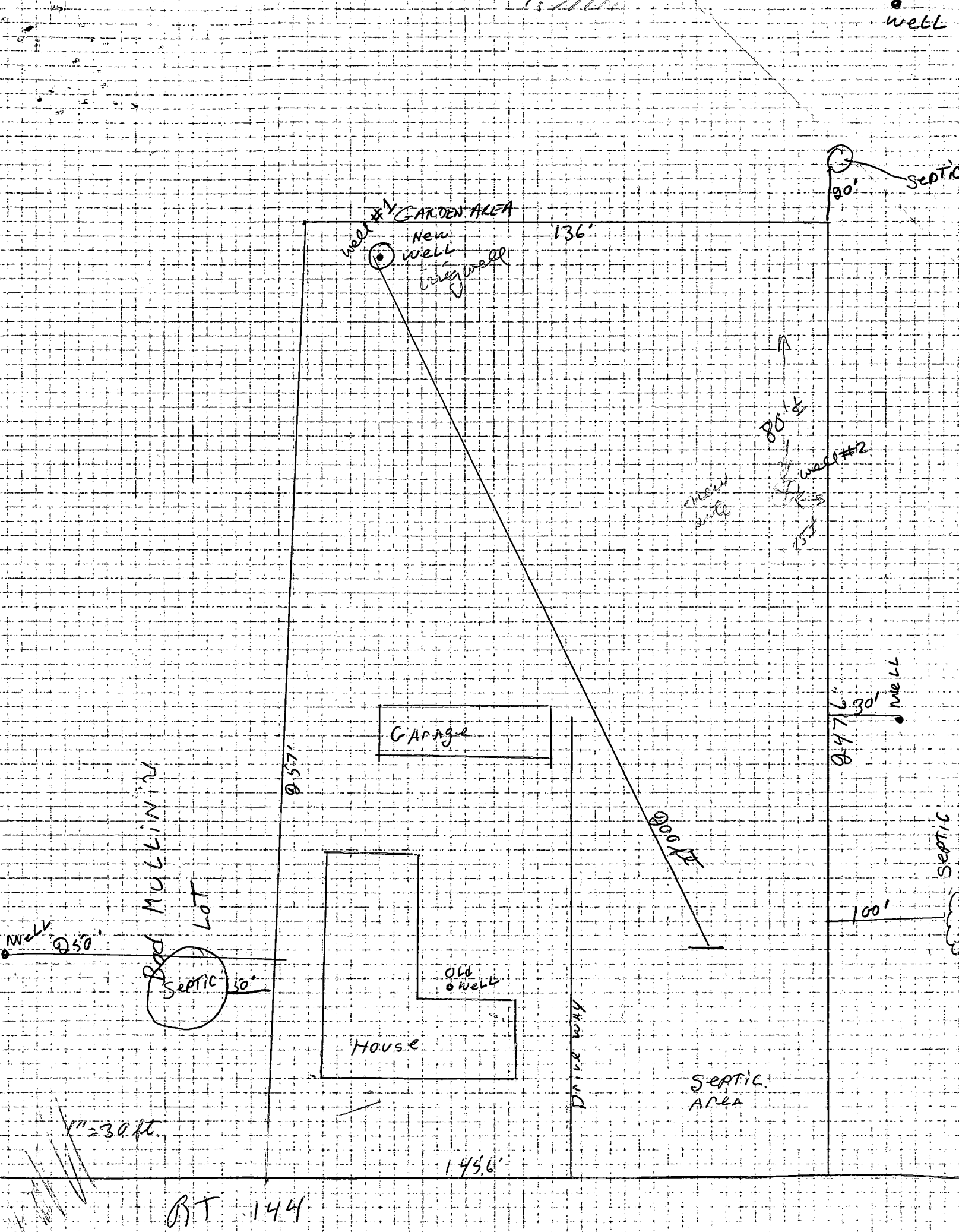
APPROP. PERMIT NUMBER _____ 54 GAP _____ 63

FORCE CW WRITE INITIALS IN BOX PERMIT No. **HO-81-1041** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

well

15/11/11



Well 50'

DAD MULLIN'S Lot
SEPTIC 50'

Well #1 GARDEN AREA
New Well
Old Well

136'

Garage

House
Old Well

DRIVE WAY

SEPTIC AREA

Well #2 30'

100'

SEPTIC

1" = 30.0 ft.

RT 144

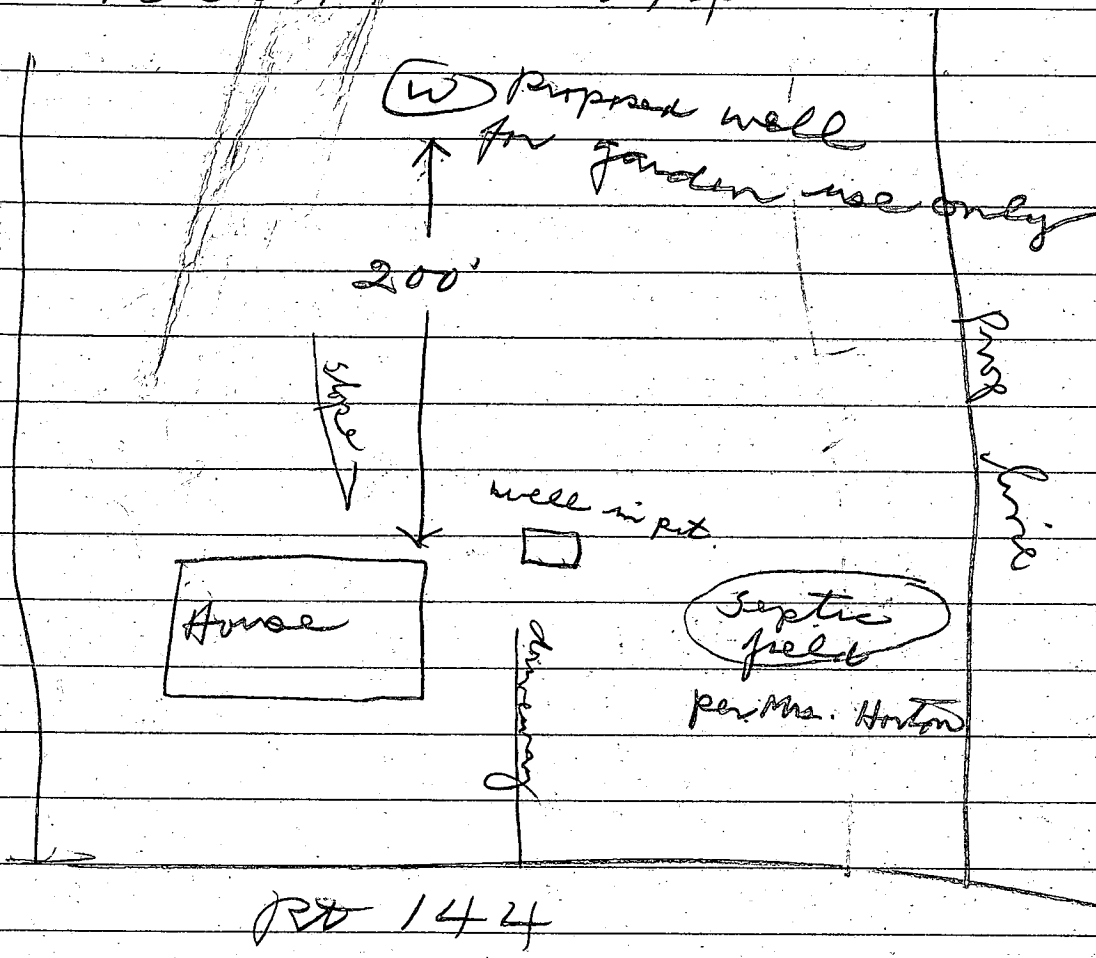
145.6'

100.0'

80.14'

Well SEPTIC 30'

Horton Prop.
16657 Rt 144



5/29/85 Proposed well location looks OK. JS

FREDERICK ROAD (MARYLAND ROUTE #144)

ROAD

1/2" Rebar Found (HELD)
CHAIN LINK FENCE

GUY WIRE

CLEAN OUT
CLEAN OUT

571°08'16"E 141.06'

EXISTING HOUSE

1/2" Rebar Found (HELD)

PROPERTY OF THE TRUSTEES OF UNION CHURCH OF HOWARD COUNTY, MARYLAND. THE TRUSTEES OF UNION CHURCH OF HOWARD COUNTY, MARYLAND. LIBER 141, FOLIO 247

16657
Produced by
Mt. Airy

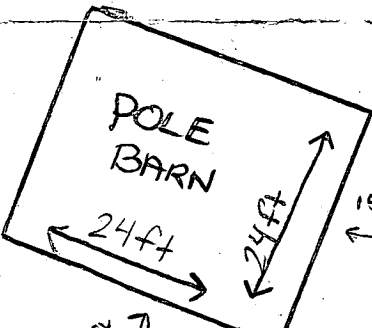
LOT LINE OF ADJOINING PROPERTY

AREA = 0.718 ACRES±

PROPERTY OF ROBERT A. MULLINX AND SARA JANE MULLINX
LIBER 2048, FOLIO 224

Stone Found (1.0'x0.5') (HELD)

EXISTING WELL



NOTE:
AN APPARENT OVERLAP EXISTS BETWEEN THE PROPERTY ALONG THE 522°24'43"W ~ 222.16 FOOT LINE OF THIS SURVEY.

PROPERTY OF RANDY ALLEN DRIVER AND CYNTHIA KAY DRIVER
LIBER 3876, FOLIO 248 (SECOND PARCEL)

SATELLITE DISH

EXISTING WELL

1/2" Rebar Found (HELD)

7/3/02
Proposed
Pole barn
OK - SRK

1/2" Pipe Found

PROPERTY OF RANDY ALLEN DRIVER AND CYNTHIA KAY DRIVER
LIBER 3876, FOLIO 248 (SECOND PARCEL)

Rebar & Cap w/10770 Found

1/2" Iron Rod Found

PLAT OF SURVEY
#16657 FREDERICK ROAD
TAX MAP No. 7, PARCEL No. 59
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND



Scale: 1" = 50'

DATE: NOVEMBER 29, 1999

SHER COLLINS & CARTER, INC.
ENGINEERING CONSULTANTS & LAND SURVEYORS

ANNAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
(410) 461 - 2855