PERMIT

File

P 26886

A 25030

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

Trench. ~~11/8/77~~ AM & P.M. if Possible

HOWARD COUNTY

03-294838

ELLICOTT CITY

DISTRICT 3rd

Trench Inspection 11/14/77

INDEXED

DATE 9/15/77

Liberty Backhoe Service, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

A SEWAGE DISPOSAL-SYSTEM LOCATED AT

SUBDIVISION ROAD 3347 Rosemary Lane LOT

PROPERTY OWNER Mr. Joseph E. Russell

ADDRESS 1797 Roxboro Place, Crofton, Maryland 21113

SPECIFICATIONS ~~3~~ 4 bedrooms

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

SEPTIC TANK CAPACITY ~~1000~~ 1250 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL AND TRENCH - Dig pit 12 foot square - set block and top for 10 ft. diameter and fill in rest of pit with gravel. Dry well to have 5½ ft. effective depth below the inlet. Inlet to be 3 ft. below original grade. Maximum depth for dry well is 8½ ft. below original grade. Come off dry well 5 ft. solid pipe (earth buffer) and begin trench. Trench to be 2 ft. wide, 8 ft. deep, 5 ft. of gravel under pipe. Trench to be 60 ft. long. Trench to follow contour. Locate dry well 130 ft. from right side and 125 ft. from rear lot line with trench running toward right property line along a constant elevation. Inlet no deeper than 3½ ft. below original grade and maximum depth of 8½ ft. at start to 8 ft. at end. NOTE: CALL FOR INSPECTION OF TRENCH BEFORE PLACING GRAVEL IN TRENCH. NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON. PERMIT VOID AFTER THREE YEARS.

PLANS APPROVED BY D. W. Monaghan & Fred Frommelt DATE 3/2/77

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN

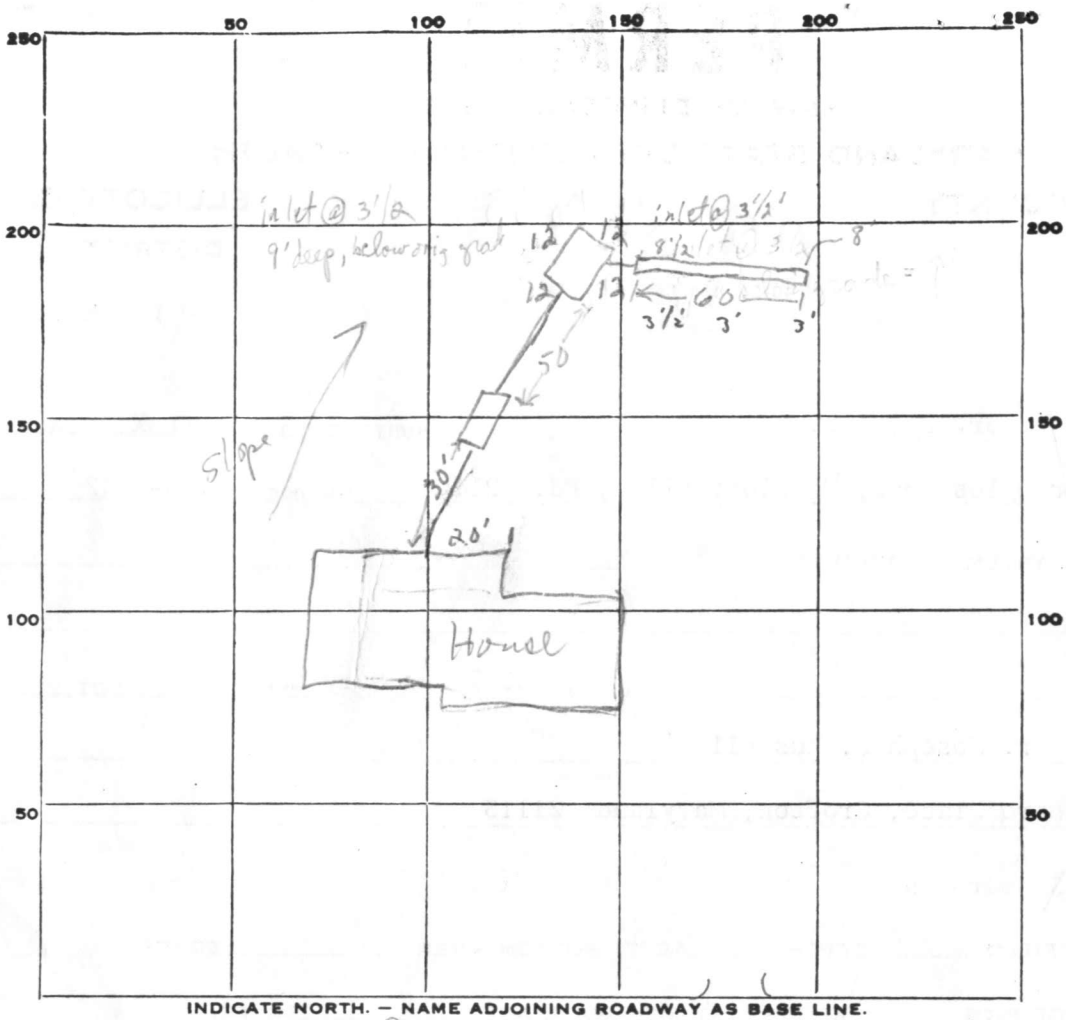
FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

Bridemark Sign at end of road

A 25030



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

yes ✓ C.B.S. Rosemary

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ CLEANOUTS S.T. 11/14/77 ok | D.W. ok 11/14/77

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 8-8'/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 ± IN. TOTAL LENGTH 60' FT. ① 300

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA

SEEPAGE PITS, INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 5'/2 FT. ② 48 × 5.5 = 240 + 240 = 264.0

① + ② = ③ 564 ± DW = 264 ft²

ABSORBENT AREA 564 ± SQ. FT. ✓ 11/14/77 ✓

REMARKS 11/8/77 T.S.O. Cement cleanout & joints on S.T., Install cleanout on D.W.
11/14/77 Gravel + pipes on to 3' of original grade, cleanouts on + cemented; joints of S.T. cemented; C.B.S.

DATE SYSTEM APPROVED 11/14/77 as per above INSPECTOR C. B. Streeter

Retest ~~12/28/76~~ ~~1:30pm~~ ~~4/5/77~~ ~~1:30pm~~

Joseph E. Russell

APPLICATION

A 25030

P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3rd

DATE 12/20/76

3/1/77 1st

Septic Tank - 1250 gal. (see 2nd sheet)

Dry Well - Dig pit 12' sq - set block + top for 10' diameter + fill in rest of pit with gravel. Dry Well to have 5' effective depth below the inlet. Inlet to be 3' below orig. grade. Max depth for sides 8½ below orig. grade. Come off Dry Well 5' solid pipe (earth buffer) + begin trench. Trench to be 2' wide, 8 ft deep - 5' gravel under pipe and 60 ft long. Trench to follow contour + run towards left side line. Place Dry Well 130 ft from rear lot line and 130 ft from right side lot line looking from Rosemary La. Call foreman of trench before gravel is installed

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mr. Russell

ADDRESS 1797 Roxsboro Place, Crofton, MD. ~~2113~~ 21113 PHONE 721-2052

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 3347 Rosemary Lane

SIZE OF LOT 2.109 acres TYPE BLDG. 3

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE 4 br - basement - 3 bathrooms - Proposed pool forgot

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

BLDG. PERMIT SIGNED AND RETURNED 6/20/77
Serial No. 32027

SIGNATURE OF APPLICANT /s/ Mr. Russell

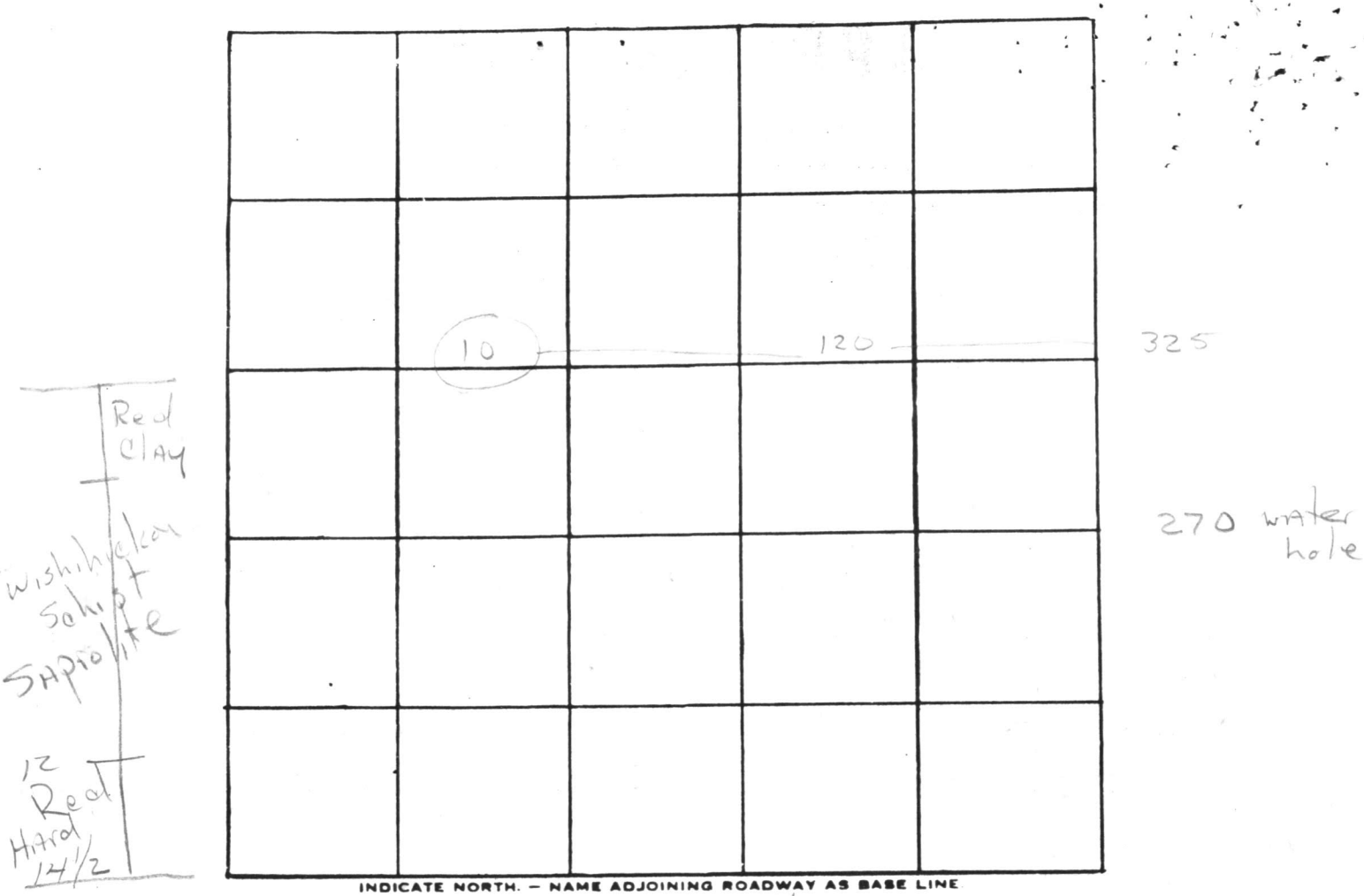
APPROVED BY Dev. Monroe Lane FOR Dry Well + Trench (KIND OF SYSTEM) DATE 3-2-77

REJECTED BY _____ FOR _____ (KIND OF SYSTEM) DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE

2 1/2 min

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
Jan 5/77	1□D	14	2:19	2:21 1/2	2:21 1/2		2 1/2
	1□S1	8 1/2	2:19	2:23			7
	1□S2	4	2:19	2:34			20
	11	11	water at 6 - mud at 4				

35
15
20

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT: _____

11/30/76 - 13' visual hole needed or retest if not suitable to house location.

Russell

A 11700

P

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3

DATE 4/14/66

Septic Tank - 3 bedroom - ~~750~~ 1000 gal
4 bedroom - ~~1000~~ 1250 gal

Dry Well - 112 sq ft absorbent sidewall area per bedroom to begin below the inlet pipe. Inlet pipe no deeper than 4ft below orig ind grade.

Place Dry Well about - 100 ft. from front lot line and about 66 ft from right sideline as seen when facing lot from Rosemary Lane!

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Ray E. Bateman Mr. Russell
1797 Roxbor. Place, Crofton, Md. 21113

ADDRESS Triadelphia Rd., Dayton, Md. PHONE AT 6-2003 721-2052

PROPERTY LOCATION:

SUBDIVISION ~~Sycamore Springs~~ LOT NO. ~~8~~

ROAD AND DESCRIPTION Rosemary Lane

OCCUPANT PHONE

PERSON TO CONSTRUCT SYSTEM

ADDRESS PHONE

SIZE OF LOT 2.09 acres TYPE BLDG. 3 or 4 (NUMBER OF BEDROOMS)

IF NOT SINGLE RESIDENCE DESCRIBE

SIGNATURE OF APPLICANT /s/ David Scaggs

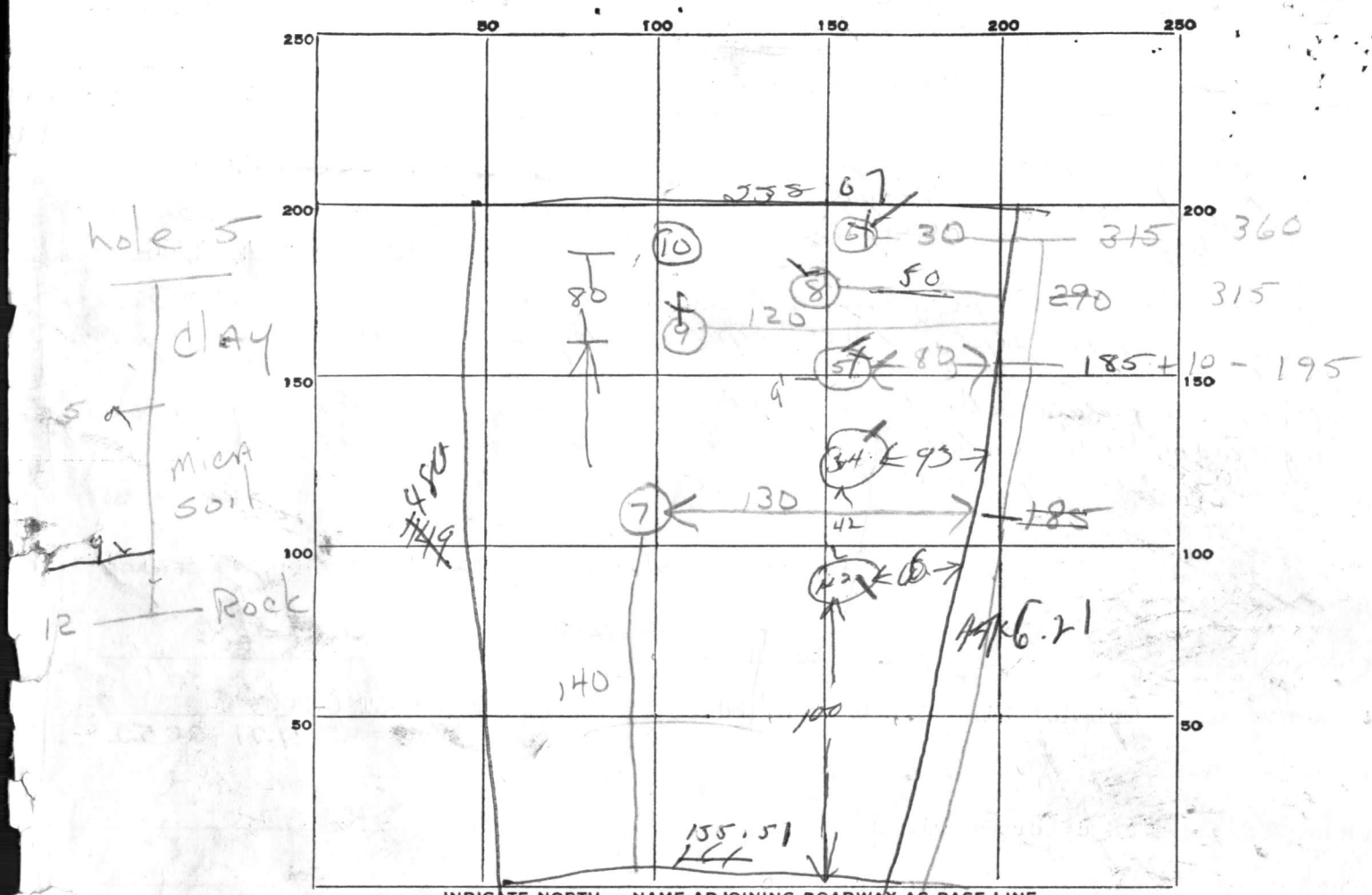
✓ APPROVED BY Donald W. Monaghan FOR Dry Well (KIND OF SYSTEM) DATE 4/15/66

REJECTED BY FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

THIS IS NOT A PERMIT



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Rosemary Lane

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
4/14/66	1	9	12 18	12 20	12 20	12 24	4 min
	2	4	12 21	12 25	12 25	12 33	8 min
	3	10	12 30	12 39	12 39	12 56	17 min
	4	4 1/2	12 30	12 32	12 32	12 35	3 min
	5	12	No Perk - see Profile				
	6	8	Rock at 8'				
	7 ✓	13	sandy mica - good - below 4'				
	8 -	4 12	sandy soil				
	9		water at 12				

SOIL AUGER FINDING

TESTED BY 721-2052

REMARKS not part of Subdivision

13 April 1977

Howard County Health Department
3450 Court House Drive
Ellicott City, MD

LET IT BE SHOWN FROM THIS 13th DAY OF APRIL 1977 THAT I, JOSEPH E. RUSSELL, OWNER OF THE PARCEL OF LAND LOCATED AT 3347 ROSEMARY LANE, HOWARD COUNTY, MARYLAND, DO HEREBY ABSOLVE AND RELEASE THE HOWARD COUNTY PUBLIC HEALTH DEPARTMENT FROM ANY RESPONSIBILITY RESULTING FROM MY USE OF A SEPTIC SYSTEM AREA SITUATED APPROXIMATELY 118 FEET FROM REAR PROPERTY LINE AND BETWEEN POINTS 60 FEET AND 125 FEET FROM RIGHT-HAND PROPERTY LINE AS VIEWED FROM ROSEMARY LANE. SUCCESSFUL PERCOLATION TESTS WERE PERFORMED IN THIS AREA DURING JANUARY 1977 AND RE-CHECKED DURING MARCH 1977. BOTH TESTS WERE WITNESSED BY HOWARD COUNTY HEALTH DEPARTMENT OFFICIALS.

Signed: Joseph E. Russell

Date: 13 April, 1977

Notary Public: Larry Brewsaugh

Date: 13 April, 1977

SEAL: LARRY BREWSAUGH NOTARY PUBLIC ANNE ARUNDEL CO. MD.

My commission expires July 1, 1978.

DNR-131 (7/73)

EMERGENCY NO. (If any) –

B 1 6665 — SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

A25030

WRA PERMIT NUMBER: HO-73-2093

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY): 6/7/77 1:30pm

8-13

OWNER: Russell, Joseph E. (COL 15 LAST NAME – FIRST NAME – COL. 34)

STREET OR RFD: 1797 Roxboro Place (COL 36 – COL. 55)

POST OFFICE: Crofton, Maryland 21114 (COL 57 – COL. 76)

B 1 CONTINUED — DRILLER INFORMATION

1 2 3 (SEQ. NO.) 6

DATE: May 12, 1977

LICENSE NUMBER: 256 (77 – 80)

FIRST NAME: Dana — DRILLER — LAST NAME: Kyker, Jr. II

SIGNATURE: Dana Kyker Jr. II

B 2 — WELL INFORMATION

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5 (8 – 12)

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 420 (14 – 20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

22

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F FARMING, AGRICULTURE, IRRIGATION
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.
- M MUNICIPAL WATER SUPPLY
- P PRIVATE WATER COMPANY

} MUST HAVE STATE HEALTH DEPT. APPROVAL

- T TEST

APPROXIMATE DEPTH OF WELL: 125' FEET (24 – 28)

APPROXIMATE DIAMETER OF WELL: 6" (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

30-37

BORED (OR AUGERED)	JETTED	DRIVEN
AIR-ROTARY	AIR-PERCUSSION	ROTARY (HYDRAULIC ROTARY)
CABLE	REVERSE-ROTARY	DRIVE-POINT

OTHER (DESCRIBE) _____

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

39

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL
  PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE)

(41 – 52)

B 3 — LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

COUNTY: Howard (8 – 21) (DO NOT ABBREVIATE COUNTY NAME)

SUBDIVISION: "Rosemary Estates" (23 – 42)

SECTION: (44 – 46) LOT: (48 – 50)

NEAREST TOWN: Glenelg (52 – 71)

MILES FROM TOWN (ENTER O IF IN TOWN): 1½ (73 – 76) M I 77 78

B 4 — DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)

1 2 3 (SEQ. NO.) 6

N NORTH	E EAST	N E NORTHEAST	S E SOUTHEAST
S SOUTH	W WEST	N W NORTHWEST	S W SOUTHWEST

8 8 8 9 8 9

NEAR WHAT ROAD: 3347 Rosemary Lane (11 – 30)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH N (32) SOUTH S (32) EAST E (32) WEST W (32)

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 185 (34 – 37) F T M I 38 39

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW, AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N

35½' ~~casing~~ open
49' casing
22' bags
X well
OK DPOW
6/7/77

Rosemary Lane

BOX NUMBER: E 810 / N 520

0/5 5/5 0/0 5/0

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER (G A P) (54 – 63)

ENGINEER REVIEW DISTRICT NO. (65)

FORCE (67 68) WRITE INITIALS IN BOX

CONDITIONS: A E N S G W Q C L U (70 71 72 73 74 75 76 77 78 79)

B 4 CONTINUED — HEALTH DEPARTMENT APPROVAL

1 2 3 (SEQ. NO.) 6

41 S STATE HEALTH (CIRCLE BOX)

COUNTY NAME: Howard — COUNTY NO.: 34

DATE (MO. DAY YR.): 0 5 1 3 7 7 (43 – 48)

APPROVED BY: Donald W. Monaghan, Sanitarian

NORTH COORDINATE (50 51 52 53 54 55)

EAST COORDINATE (57 58 59 60 61 62 63)

ELEVATION AT WELL HEAD (FEET) (65 66 67 68)

B 5

1 2 3 (SEQ. NO.) 6

SPECIAL CONDITIONS 8-63 (WRA USE ONLY) (8 – 63)

HEALTH

9 minutes discussion re value of using kosi

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 3 3 27 PM '77
DIVISION OF
ENVIRONMENTAL
HEALTH

DNR 214 9/71

C 1 0163 (SEQ. NO.) — 1 2 3 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER W25866

DATE RECEIVED (WRA USE ONLY) 8-13

DATE WELL COMPLETED: June 7, 1977 (06 07 77) 15–20

DEPTH OF WELL: 500 (TO NEAREST FOOT) 22–26

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-73-2093 (28–37)

DRILLERS IDENTIFICATION NO. 30

OWNER: Russell, (LAST NAME) Joseph E. (FIRST NAME)

STREET OR RFD: 1797 Roxboro Place POST OFFICE: Crofton, Maryland 21114

WELL DESCRIPTION

WELL LOG

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

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
Dirt	0	9	
Brown Mica	9	35	X
Red Clay	35	37	
Brown Mica	37	50	
Blue Mica	50	200	
Pink Mica	200	201	
Blue Mica	201	240	X
Pink Mica	240	241	
Blue Mica	241	344	
Fracture	344	350	X
Black Mica	350	500	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES [Y] (44) NO [N] (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT [C M] (45 46) BENTONITE CLAY [B C] (45 46)

NO. OF BAGS 22 NO. OF POUNDS 2,068

GALLONS OF WATER 132

DEPTH OF GROUT SEAL (TO NEAREST FOOT): FROM 0 (48–52) FT. TO 53 (54–58) FT.
(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES — INSERT APPROPRIATE CODE BELOW: [S T] STEEL, [C O] CONCRETE, [P L] PLASTIC, [O T] OTHER

MAIN CASING TYPE: [S T] (60–61) NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH): 6 (63–64) TOTAL DEPTH OF MAIN CASING (NEAREST FOOT): 55 (66–70)

EACH CASING — OTHER CASING (IF USED): DIAMETER (INCH) / DEPTH (FEET) FROM / TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW: [S T] STEEL, [B R] BRASS OR BRONZE, [H O] OPEN HOLE, [P L] PLASTIC, [O T] OTHER

C 2 (1 2 3 (SEQ. NO.) 6)

EACH SCREEN — DEPTH (NEAREST WHOLE FOOT) FROM / TO

1. [H O] (8–9) FROM 55 (11–15) TO 500 (17–21)
2. (23–24) FROM (26–30) TO (32–36)
3. (38–39) FROM (41–45) TO (47–51)

SLOT SIZE 1, 2, 3,

DIAMETER OF SCREEN (56–60) (NEAREST INCH)

GRAVEL PACK FROM / TO

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 [F]

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER): T (70) TELESCOPE CASING; (E.R.O.S.) (72) LOG INDICATOR; W Q (74 75 76) OTHER DATA AVAILABLE

C 3 (1 2 3 (SEQ. NO.) 6)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6 (8–9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2 (11–15)

METHOD USED TO MEASURE PUMPING RATE Flowmeter

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
BEFORE PUMPING 240 (17–20) (NEAREST FOOT)
WHEN PUMPING 350 (22–25) (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
[A] AIR (27) [P] PISTON (27) [T] TURBINE (27)
[C] CENTRIFUGAL (27) [R] ROTARY (27) [O] OTHER (DESCRIBE BELOW) (27)
[J] JET (27) [S] SUBMERSIBLE (27)

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX — SEE ABOVE: A, C, J, P, R, S, T, O) (29)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES [Y] NO [N]

CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) (31–35)
PUMP HORSE POWER (37–41)
PUMP COLUMN LENGTH (NEAREST FOOT) (43–47)

CASING HEIGHT

(CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)
[+] ABOVE / [−] BELOW LAND SURFACE 2 (NEAREST FOOT) (49–51)

LOCATION OF WELL ON LOT

N ↑ SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

Roxburg Place

well X

CIRCLE APPROPRIATE BOXES

[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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

(PLEASE PRINT) Dana Kyker

SIGNATURE Dana Kyker

HEALTH

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
JUN 9 10 02 AM '77
DIVISION OF
ENVIRONMENTAL
HEALTH

hole 10

4 — Red Clay

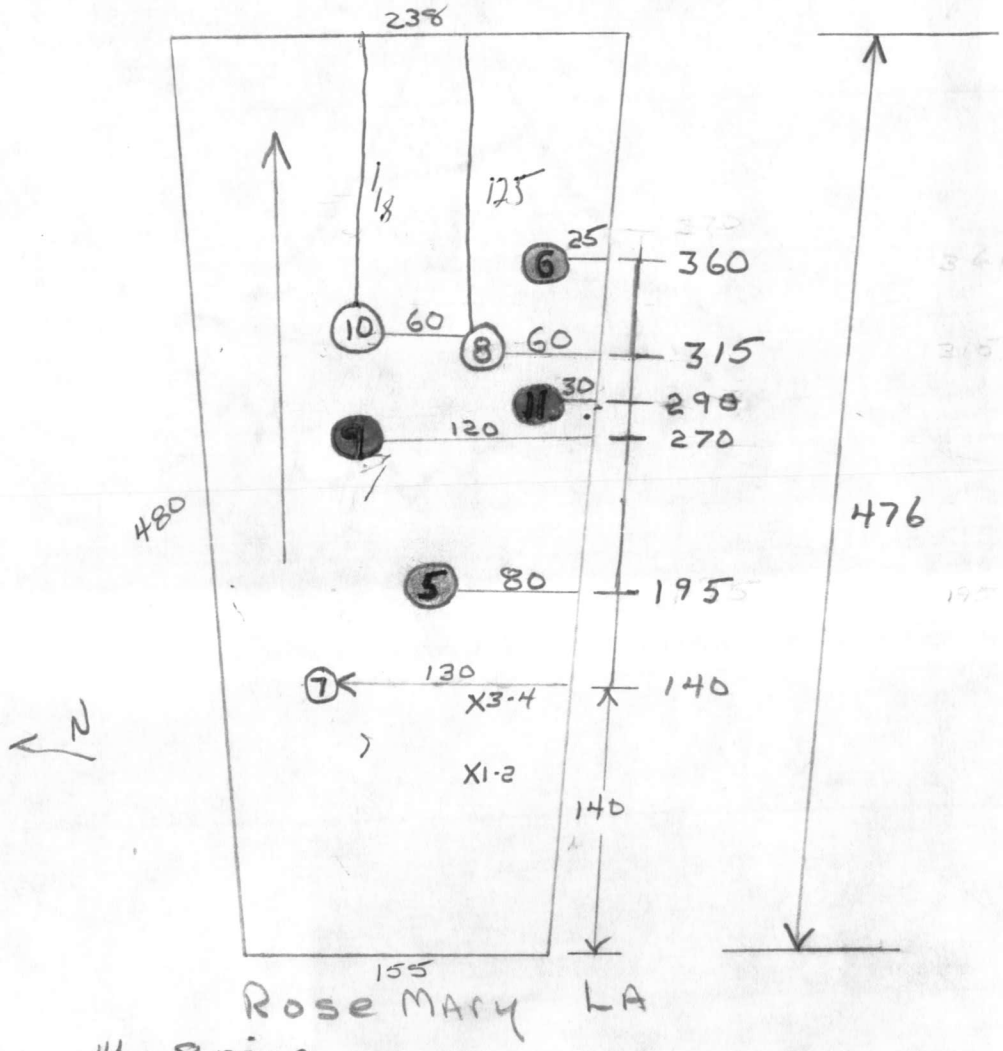
Wisahickon Schist Saprolite

12 — Red Clay + Sand Hard

14½

hole #10 is 118' from rear lot line as per owner

118
315
433



X1-2 perc in 1966 — 4' - 8 min, 9' - 4 min

X3-4 perc in 1966 — 4 - 3, 10 - 17

7 visual sandy mica soil - good below 4 ft

5 clay to 5' - rock at 12

9 water at 12 ft

11 water at 5 ft

8 perc — 4' - 20 min, 12' - 22 min — sandy mica - good below 4'

10 perc — 4 - 2½ min, 9 - 7 min, 14½ - 20 min

6 rock at 8 feet

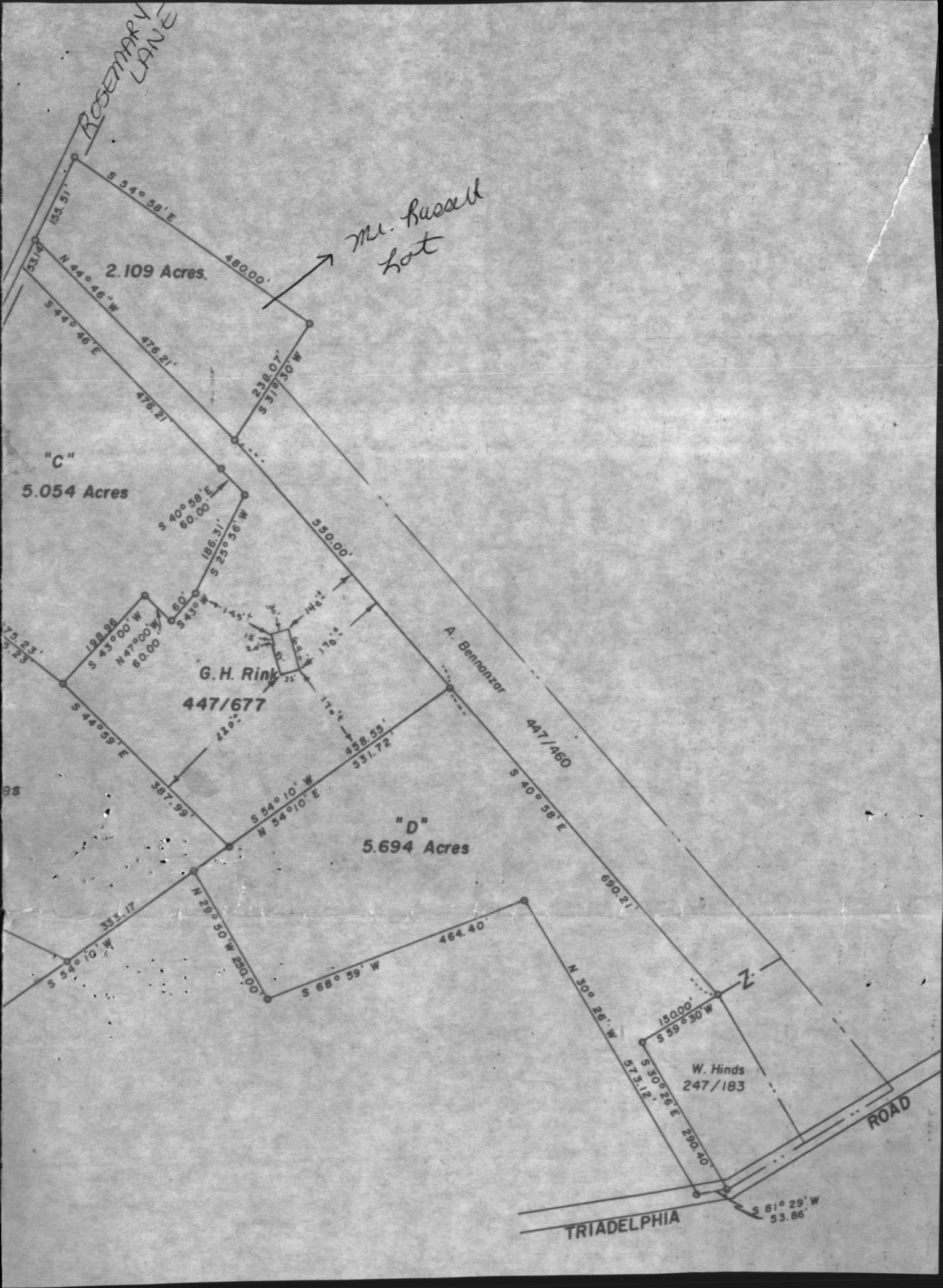
Prepared by HB

MARCH

Hole #9 water at 12

Hole #10 Appeared the same as when test on Jan 5 1977

$\frac{10000}{220}$ 50


ROSEMARY LANE
Mr. Russell Lot
2.109 Acres.
S 54° 58' E
480.00'
155.51'
N 44° 46' W
476.21'
S 44° 46' E
476.21'
238.07'
S 31° 30' W
"C"
5.054 Acres
S 40° 58' E
60.00'
186.31'
S 25° 56' W
550.00'
60'
S 43° W
145'
146'
170'
198.96
S 43° 00' W
N 47° 00' W
60.00
G.H. Rink
447/677
220'
S 44° 39' E
387.99'
438.55'
331.72'
S 54° 10' W
N 54° 10' E
"D"
5.694 Acres
A. Bennanzar
447/460
S 40° 58' E
690.21'
333.17
S 54° 10' W
N 29° 50' W 250.00'
S 68° 59' W
464.40'
N 30° 26' W
150.00'
S 59° 30' W
S 30° 26' E
573.12'
290.40'
W. Hinds
247/183
ROAD
TRIADELPHIA
S 81° 29' W
53.86'

5/24/82 afternoon

A 25030

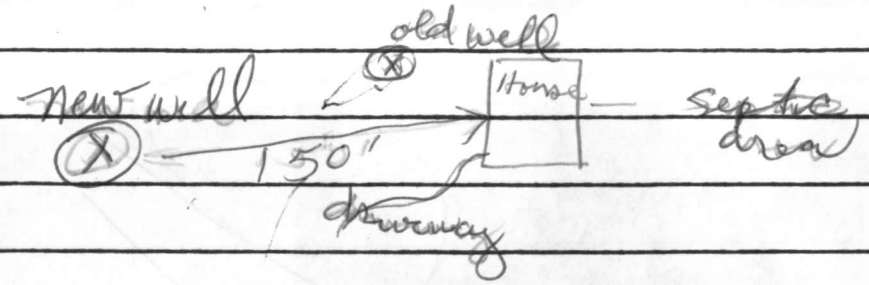
FILE Emergency Well Siting DATE REPORTED 5/20/82

PROPERTY OWNER Joe Russell

P.O. ADDRESS 3347 Rosemary Lane TELEPHONE 286-2046

DIRECTIONS TO PROPERTY West Friendship

INFORMANT 5/24/82 Talked with Mrs. Russell New well to be 150 ft in right front part of yard JS



CONDITION FOUND

ACTION TAKEN

FINAL DISPOSITION

HD - 76

~~Pump test to begin at 8:00 A.M.~~

EMERGENCY/TEMP. NO. IF ANY HO-73-4208

B 1 7256 SEQUENCE NO. (OEP USE ONLY)

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

7/1/82 9:30 A.M.

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER HO-73-4208

fill in this form completely

Date Received 06/68 2 (8 — (OEP Use Only) — 13)

OWNER INFORMATION

Russell Jd

Last Name 15 — Owner — 34 Name

3347 Rosemary Land

36 — Street or RFD — 55

W Friendship Md

Town 57 — State — 76 Zip

B 1 Continued

DRILLER INFORMATION

George Easterday — 40

Driller's Name — 77 License No. 80

L. Franklin Easterday Inc.

Firm Name

9265 Brown Church Rd Mt Airy Md

Address

George Easterday 6-15-82

Signature — Date

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)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- 22 [I] INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- [P] PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- [T] TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 (24 — 28) FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (OR AUGERED) — JETTED — JETTED & DRIVEN

30-37 AIR ROTARY — AIR PERCUSSION — ROTARY (HYDRAULIC ROTARY)

CABLE — REVERSE ROTARY — DRIVE POINT

other

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL
- [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- 39 (S) THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- [D] THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 — 52

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

APPROP. PERMIT NUMBER [ ][ ][ ][ ] G A P [ ][ ] (54 — 63)

FORCE [F S] (64 68) WRITE INITIALS IN BOX

PERMIT No. HO-73-4208 (70 71 72 73 74 75 76 77 78 79)

B 3

LOCATION OF WELL

COUNTY Howard (8 — 21)

SUBDIVISION

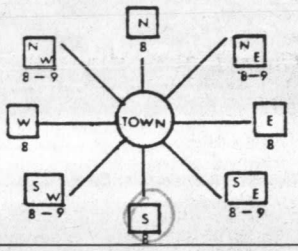
SECTION taxmap 22 (44 — 46) LOT parcel 169 (48 — 50)

NEAREST TOWN West Friendship (52 — 71)

MILES FROM TOWN (enter o if in town) 2 (73 — 76) [M I] (77 78)

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



3347 Rose Mary Lane

11 — NEAR WHAT ROAD — 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) — NORTH N, WEST W, 32, EAST E, SOUTH S

100 (34 — DISTANCE FROM FROM ROAD — 37) [F T] [M I] (38 39)

(CIRCLE APPROPRIATE BOX)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

Location OK
42'-casing
2'-above gr
36'-open
9-bags cement

7/1/82 JS

SOURCES OF DRILLING WATER

1.

2.

3.

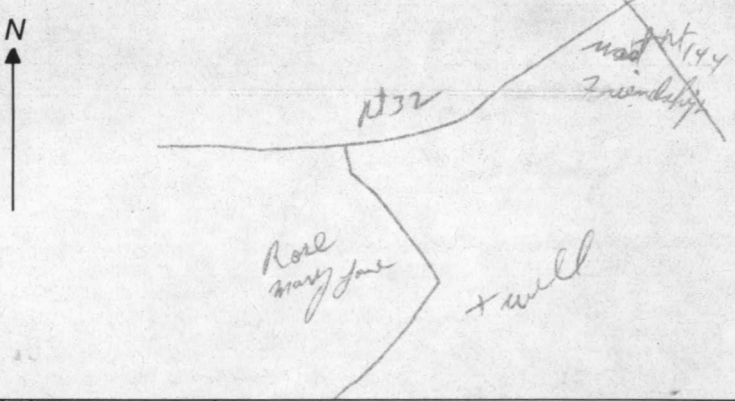
WRITE THE BOX NUMBER FROM THE MAP HERE

E 810 1

N 520 6

000 000

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



B 4

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD — COUNTY NAME

A25030 — COUNTY NO.

OEP SIGNATURE

STATE HEALTH CIRCLE BOX [S] 41

DATE ISSUED 06/17/82 (43 — 48)

CO SIGNATURE

NORTH GRID 526 000 (50 — 55) EAST GRID 0811 000 (57 — 63)

EXPIRES 12/17/82

B 5

SPECIAL CONDITIONS 8—63

HEALTH

C 1 3204 — SEQUENCE NO. (OEP USE ONLY)

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

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

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

COUNTY NUMBER: A25030

Date Received (OEP use only)

DATE WELL COMPLETED: 7 / 1 / 82

Depth of Well: 160 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": H 4-73-4208

OWNER: Russell (last name) Joe (first name)

STREET OR RFD: 3347 Rosemary Lane TOWN: West Friendship

SUBDIVISION: SECTION: taxmap 22 LOT: parcel 169

WELL LOG
Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
TOP SOIL	0	2	
SHALE	2	10	
SAND STONE	10	30	
SHALEY	30	45	✓
MICA	45	80	
SAND STONE	80	82	
MICA	82	160	

CIRCLE APPROPRIATE BOX

- 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 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. 40

George F. Kotsky

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Charles Kotsky

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes [Y] no [N]

TYPE OF GROUTING MATERIAL

CEMENT [CM] BENTONITE CLAY [BC]

NO. OF BAGS 9 NO. OF POUNDS 900

GALLONS OF WATER 45

DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. (TOP) to 36 ft. (BOTTOM) (enter 0 if from surface)

CASING RECORD
casing types — insert appropriate code below

[ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST	6	42

OTHER CASING (if used) — EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below

[ST] STEEL [BR] BRASS, BRONZE [HO] OPEN HOLE [PL] PLASTIC [OT] OTHER

C 2 (seq. no.)

EACH SCREEN		DEPTH (nearest ft.) from	to
1	HO	40	160
2			
3			

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX [F]

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T — TELESCOPE CASING; (E.R.O.S.) — LOG INDICATOR; W Q — OTHER DATA

C 3 (seq. no.)

PUMPING TEST
HOURS PUMPED (nearest hour): 3

PUMPING RATE (gal. per min. to nearest gal.): 8

METHOD USED TO MEASURE PUMPING RATE: BUCKET

WATER LEVEL (distance from land surface)

BEFORE PUMPING: 40

WHEN PUMPING: 160

TYPE OF PUMP USED (for test)

[A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other (describe below) [J] jet [S] submersible

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES [Y] NO [N]

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

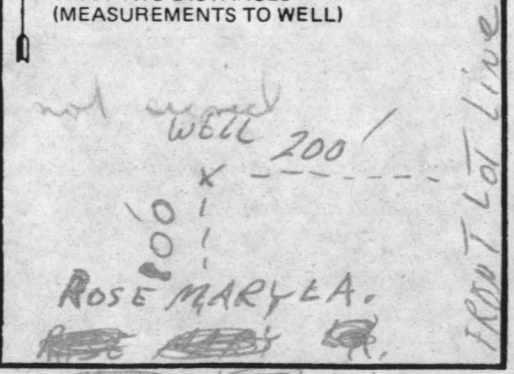
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height): [+] above / [−] 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)



HEALTH

FILE Emergency Well DATE REPORTED 10/18/83

PROPERTY OWNER Joseph Russell

P. O. ADDRESS 3347 Rosemary Lane A25030

DIRECTIONS TO PROPERTY

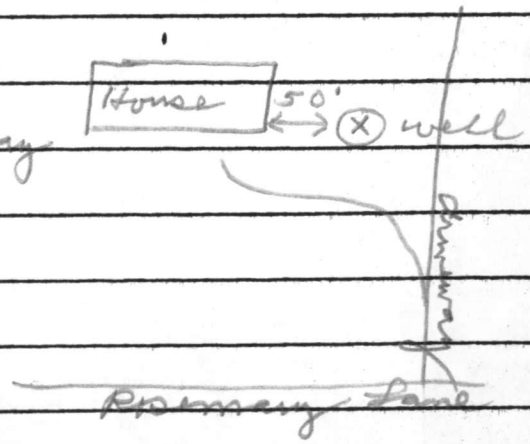
INFORMANT George Easterday given verbal o.k. HO-81-0307

10/19/83 Well site to be 40' to right of house per Pat of Easterday T.S.

CONDITION FOUND:

ACTION TAKEN: 10/20/83 Well pointed, location OK JS

36' - casing
34' - open
16 - bags cement
Permit tag given to Dave Easterday



FINAL DISPOSITION:

HD - 76

EMERGENCY/TEMP NO. IF ANY

B 1 1422 SEQUENCE NO. (OEP USE ONLY)

[redacted] TO BE PUNCHED IN [redacted] ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER H0-81-0307 (70–79)

fill in this form completely

Date Received 102083 (8–13)

OWNER INFORMATION

RUSSELL JOE (15 Last Name, Owner, First Name 34)

3347 ROSEMARY LANE (36 Street or RFD 55)

W FRIENDSHIP MD 21794 (57 Town, 70 State 72, Zip 76)

DRILLER INFORMATION

GEORGE F. EASTERDAY — Driller's Name

40 — 77 License No. 80

L.F. EASTERDAY, INC. — Firm Name

9865 BROWN CHURCH RD. MT. AIRY, MD. 21771 — Address

George F. Easterday — Signature — Date 10/19/83

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 (14–20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D — HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
- F — FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- 22 I — INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
- P — PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
- T — TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 200 (24–28) FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) — JETTED — Jetted & DRIVEN

30 AIR-ROTary — AIR-PERcussion — ROTARY (Hydraulic Rotary) 37

CABLE — REVerse-ROTary — DRive-POINT

other _____

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- N — THIS WELL WILL NOT REPLACE AN EXISTING WELL
- Y — THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- 39 S — THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D — THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) 41 H0-73-4208 52

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

APPROP. PERMIT NUMBER GAP (54–63)

FORCE FS (67 68) WRITE INITIALS IN BOX PERMIT No. H0-81-0307 (70–79)

B 3 LOCATION OF WELL

HOWARD (8 COUNTY 21)

Taxmap 22 parcel 164 (23 SUBDIVISION 42)

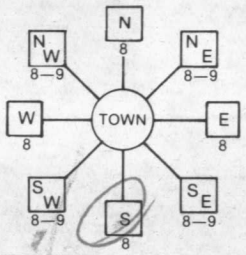
SECTION ___ (44–46) LOT ___ (48–50)

WEST FRIENDSHIP (52 NEAREST TOWN 71)

MILES FROM TOWN (enter 0 if in town) 2 (73–76) M I (77 78)

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



3347 ROSEMARY LANE (11 NEAR WHAT ROAD 30)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 180 37 DISTANCE FROM ROAD

ENTER FT or MI FT (38 39)

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD — COUNTY NAME

A250302 — COUNTY NO.

OEP SIGNATURE _____

STATE HEALTH INSERT S ___ (41)

DATE ISSUED 101983 (43–48) Frank Skinner — CO SIGNATURE — 4/19/84 EXP. DATE

NORTH GRID 526000 (50–55) EAST GRID 081000 (57–63)

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X →

10/20/83. 36 case 34' open 16 bags OK per J.S. 11/8/83 M.S.

X WELL

SOURCES OF DRILLING WATER

1. WELL
2.
3.

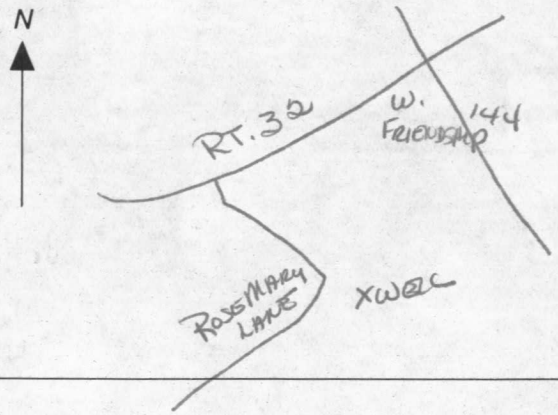
WRITE THE BOX NUMBER FROM THE MAP HERE

E 810 1

N 520 6

000
000

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

HEALTH

RECEIVED
HOWARD COUNTY
HEALTH DEPT.

OCT 20 2 14 PM '82

DIVISION OF
ENVIRONMENTAL
HEALTH

C 1 0854 — SEQUENCE NO. (OEP USE ONLY)

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

STATE OF MARYLAND
WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

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

COUNTY NUMBER: A25030Z

DATE Received: 8 – 13

DATE WELL COMPLETED: 10 20 83 (15 – 20)

Depth of Well: 300 (22 – 26) (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": H0-81-0307 (28 – 37)

OWNER: Russell (last name) Joe (first name)

STREET OR RFD: 3347 Rosemary Lane TOWN: West Friendship

SUBDIVISION: Taxmap 22, parcel 169 SECTION: LOT:

WELL LOG
Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
TOP Soil	0	2	
CLAY	2	5	
SHALE Y	5	15	
SANDSTONE	15	30	
MICA	30	42	
FLINT	42	44	✓
MICA & FLINT	44	300	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): yes Y (44) no N (44)

TYPE OF GROUTING MATERIAL

CEMENT CM (45 – 46) BENTONITE CLAY BC (45 – 46)

NO. OF BAGS 16 NO. OF POUNDS 1600

GALLONS OF WATER 86

DEPTH OF GROUT SEAL (to nearest foot)

from 0 (48 – 52) TOP ft. to 34 (54 – 58) BOTTOM ft.

(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST (60 – 61)	6 (63 – 64)	36 (66 – 70)

OTHER CASING (if used) — EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below

ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

C 2 (1 – 2)

EACH SCREEN — DEPTH (nearest ft.)

1	H0 (8 – 9)	34 (11 – 15) 300 (17 – 21)
2	(23 – 24)	(26 – 30) (32 – 36)
3	(38 – 39)	(41 – 45) (47 – 51)

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN (56 – 60) (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 (68)

C 3 (1 – 2)

PUMPING TEST

HOURS PUMPED (nearest hour) 4 (8 – 9)

PUMPING RATE (gal. per min. to nearest gal.) 1 (11 – 15)

METHOD USED TO MEASURE PUMPING RATE: Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30 (17 – 20)

WHEN PUMPING 300 (22 – 25)

TYPE OF PUMP USED (for test)

A air (27) P piston (27) T turbine (27)

C centrifugal (27) R rotary (27) O other (describe below) (27)

J jet (27) S submersible (27)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) 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: (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 (49) LAND SURFACE 2 (50 – 51) (nearest foot)

CIRCLE APPROPRIATE LETTER

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 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. 40

George E. Eastenday

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Charles R. Fellows

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

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)

N

WELL 200'

180'

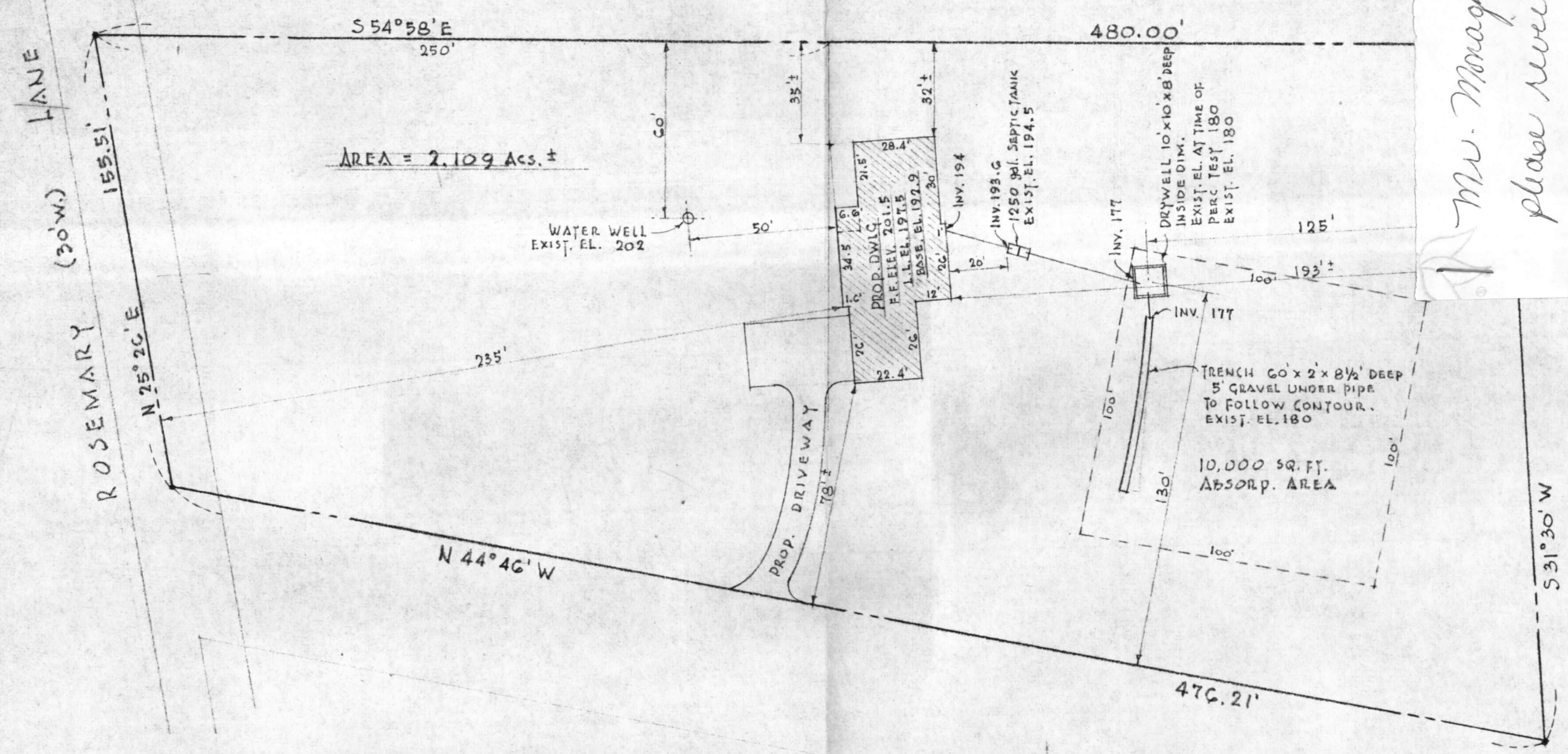
Right Lot Line

3347 Rose MARY LANE

OEP USE ONLY
(NOT TO BE FILLED IN BY DRILLER)

T (70) TELESCOPE CASING — (E.R.O.S.) (72) LOG INDICATOR — WQ (74 – 76) OTHER DATA

HEALTH



Mr. Morgan
please review
Plans
Well not drilled
is not on water &
sewer
5-13-77

PLOT PLAN

SCALE: 1" = 40'

I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY.

SIGNED: Gregor L. Velishenko

4/22/77 9/11

— PROPERTY OF —
MR. & MRS. JOSEPH E. RUSSELL
3RD ELECT. DIST., HOWARD CO., MD.

LIBER 477, PAGE 11