

11/15 ① P.C.O. C.B.D.

File

11/15/88 AM  
11/16/88 AM

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-403499  
**INDEXED**

P 43009

A 37887

DISTRICT \_\_\_\_\_

DATE 11/16/88

DATE SYSTEM APPROVED 11/16/88

INSPECTOR C.B.D.

Kenny Yates

IS PERMITTED TO INSTALL X ALTER \_\_\_\_\_

ADDRESS 13299 Baltimore Avenue, Laurel, MD 20707 PHONE 369-4000

SUBDIVISION Hallmark, Sec. 1 ROAD 11370 Old Hopkins Rd LOT 53

PROPERTY OWNER Frank Stanton

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 187 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Place the distribution box 145 feet down the right (150.00') lot line and 140 feet off the right line as seen when viewing property from Old Hopkins Road. Run trenches in both directions along contour towards the left (240.00') and right (150.00') lot lines.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

MAINTAIN MINIMUM 100 FEET DISTANCE FROM WELL TO SEPTIC. ok/cw

PLANS APPROVED BY B. Nixon DATE 9/14/88

COVER NO WORK UNTIL INSPECTED AND APPROVED

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

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

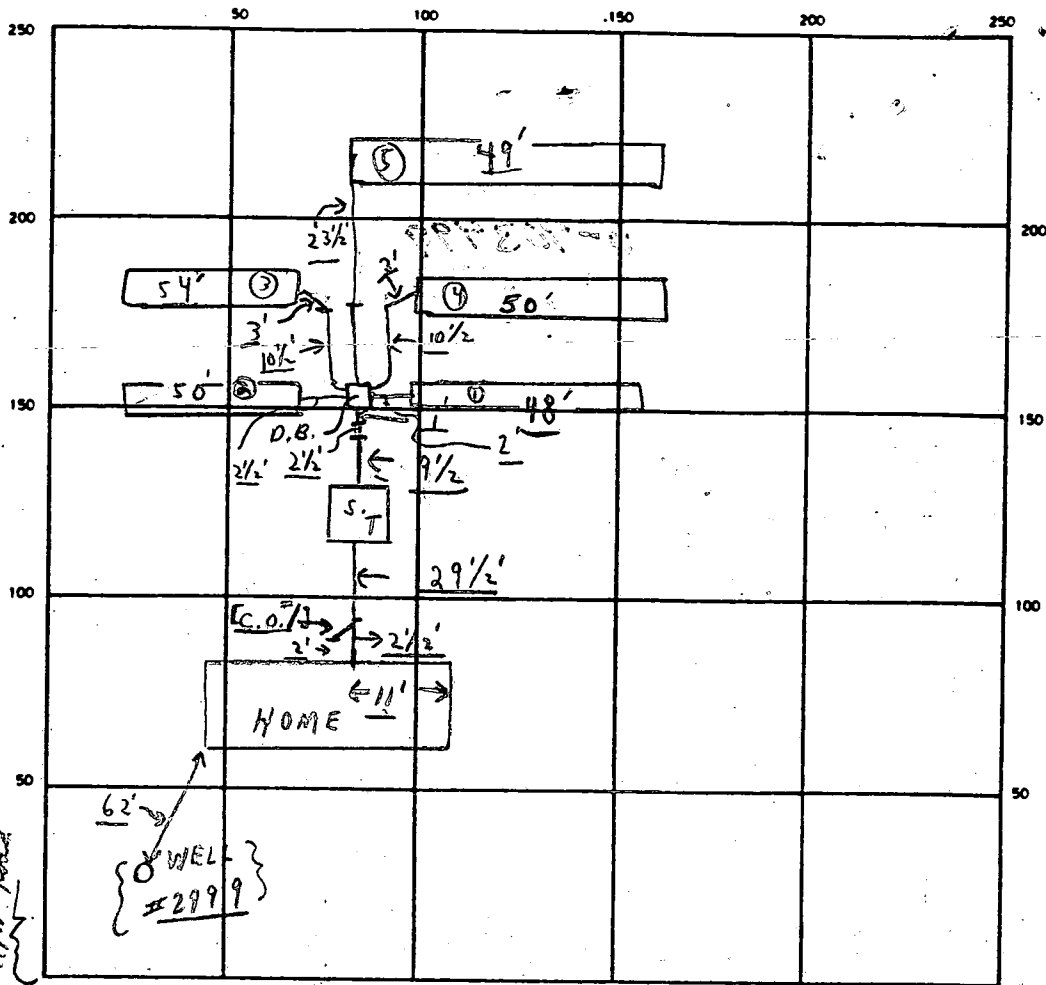
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A  
37887



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

OLD HOPKINS ROAD

*Partial*

*No cap*

S.T.

C.O. #1

"/16 OK

SEPTIC TANK LEVEL OK

CLEANOUTS "/16 OK | "/16 OK

DISTRIBUTION BOX LEVEL OK (OK "/16 baffle)

DRAIN FIELD/TILE FIELD DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2' + FT. TOTAL LENGTH 251 FT

NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA 7.53 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 7.53 SQ. FT.

REMARKS Partial "/15/88 OK to cover from house to i' of south end of septic tanks only. Trenches not complete.  
Permit card at houses foundation. C.R. &  
"/16/88 inspection made - OK TO COVER ALL WORK. FINALED.  
Permit card signed.

DATE SYSTEM APPROVED " / 16 / 88

INSPECTOR Charles Bryan J. Stecker

3/30/88

# HALLMARK SECT 1

A 37887

SUBDIVISION:

(SIMPSON PROP)  
OLD HOPKINS ROAD

LOT NUMBER: 53

DRY WELL OR DRY WELL AND TRENCH

\_\_\_\_\_ sq. ft./bedroom

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet \_\_\_\_\_ feet below original grade.

Bottom maximum depth \_\_\_\_\_ feet below original grade.

Effective area begins at \_\_\_\_\_ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with \_\_\_\_\_ feet of stone below distribution pipe.

## TRENCHES

187 sq. ft./bedroom

Trench to be 3 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 5 feet below original grade.

Effective area begins at 3 feet below original grade.

2 feet of stone below distribution pipe.

4BL/BP

NEW CONCEPT HOME

KENNY YATES

13299 BATHURST AVE

LAUREL 20707

- NOTE:
- (1) No trench to exceed 100 feet in length.
  - (2) If more than one trench used, a distribution box is required.
  - (3) Trenches to be installed on level ground.
  - (4) Call for inspection of trench before gravel is installed.
  - (5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
  - (6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: SHALLOW SYSTEM ONLY. PLACE THE DISTRIBUTION BOX 145' DOWN THE RIGHT (750.00') LOT LINE AND 140' OFF THE RIGHT LINE AS SEEN WHEN VIEWING PROPERTY FROM OLD HOPKINS ROAD. RUN TRENCHES IN BOTH DIRECTIONS ALONG CONTOUR TOWARDS THE LEFT (240.00') AND RIGHT (150.00') LOT LINES.

NOTE: MAINTAIN MINIMUM 100' DISTANCE FROM WELL TO SEPTIC. 9-14-88 UPDATED W/BP

# APPLICATION

PERCOLATION TESTING

A 37887  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT \_\_\_\_\_  
DATE 10/7/86

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 Donald L. Simpson / FRANK STANTON 490-7947

ADDRESS 11382 John Hopkins Rd PHONE \_\_\_\_\_  
Cladwell Ave 21029

PROSPECTIVE BUYER \_\_\_\_\_  
ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: \_\_\_\_\_  
SUBDIVISION Hill Mark - Resubdivision of lot 21 LOT NO. 53  
008 A

ROAD AND DESCRIPTION John Hopkins Rd - 11370 Old Hopkins Rd.

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_  
SIZE OF LOT 3.326 TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. John F. Johnson  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

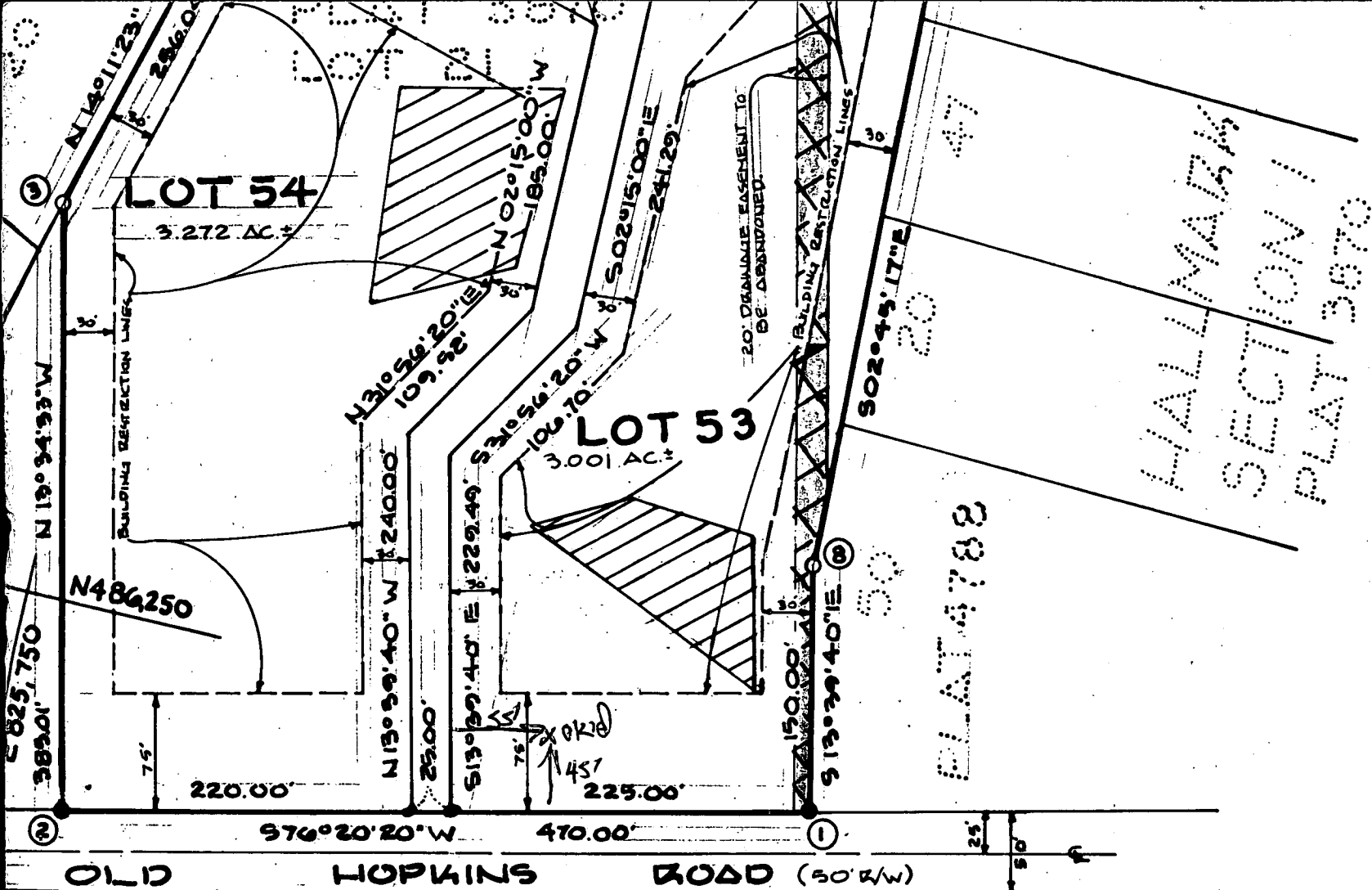
REJECTED BY \_\_\_\_\_ FOR BLDG. PERMIT SIGNED DATE \_\_\_\_\_  
AND RETURNED 9-14-88

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 10/28/86 PERC OK HOLD FOR PERC CBRT PLATIN  
Soil Types per map are mg (main gravelly loam) Concretions  
found are more typical for clay if no gravel was noticed  
S. June

# THIS IS NOT A PERMIT





ADJUSTED PLAT 5678 FOR SIGNATURE

3/6/87 CW.

● DENOTES IRON BAR SET.

**MEYORS CERTIFICATE**

COPY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT.  
 DIVISION OF ALL OF THAT LAND WHICH BY DEED DATED  
 AND RECORDED AMONG THE LAND RECORDS OF  
 MARYLAND IN LIBER 155 OF FOLIO 461, ETC. WAS  
 CONVEYED BY JOHN H. DASHBA, AND WIFE, UNTO DONALD  
 AND CHESLEY F. SIMPSON HIS WIFE BY DEED DATED

**OWNERS CERTIFICATE**

WE, DONALD L. SIMPSON AND CHESLEY F. SIMPSON, HIS WIFE, OWNERS OF THE  
 PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF  
 SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS PLAT BY THE  
 OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION  
 LINES, ALL EASEMENTS OF RIGHTS OF WAY AFFECTING THE PROPERTY ARE  
 INCLUDED WITHIN THE PLAN OF SUBDIVISION



B 1 **4931** SEQUENCE NO. (DP 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

STATE PERMIT NUMBER  
**HO-81-2799**  
 fill in this form completely

Date Received (APA) **030888**  
 OWNER INFORMATION  
 MEYRON MARTIN  
 2110 CAMPFIELD RD  
 BALTIMORE MD 21202

B 3 LOCATION OF WELL  
 HOWARD  
 24 A Z L M A R K B (MAP 41)  
 SECTION 1 LOT 53  
 CLARKSVILLE  
 MILES FROM TOWN (enter 0 if in town) 3 MI

DRILLER INFORMATION  
 RALPH MAYNE  
 RALPH MAYNE WELL DRILLING  
 9110 BROWN CHURCH RD. MT AIRY  
 Ralph Mayne 2/27/88

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 NEAR WHAT ROAD  
 OLD HOPKINS RD.  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD 502 FT

B 2 WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) 5  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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  
 HOWARD A 37887  
 COUNTY NAME COUNTY NO.  
 STATE SIGNATURE DATE ISSUED 06/14/88  
 CO SIGNATURE B. W. Wilson 12/14/88  
 NORTH GRID 486000 EAST GRID 0826000

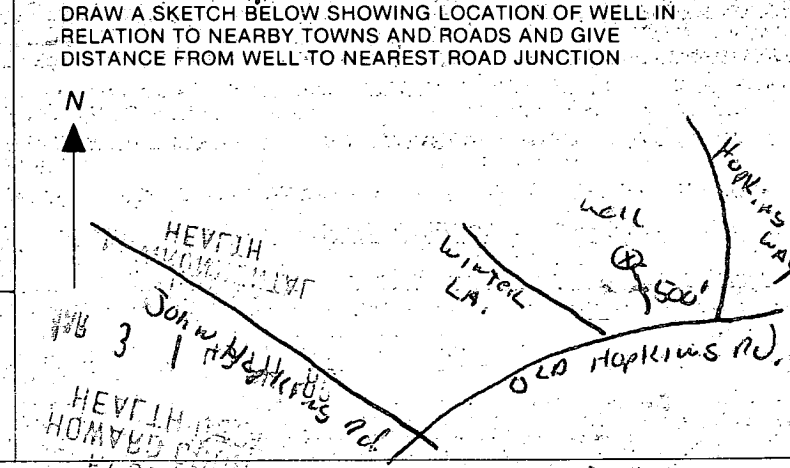
APPROXIMATE DEPTH OF WELL 150 FEET

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  
 8266  
 1806

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)  
 APPROX. PERMIT NUMBER GAP  
 FORCE PERMIT NO. HO-81-2799

SPECIAL CONDITIONS ORIGINAL # HO81 1991 WAS CANCELLED - THIS RETURNED (9/87)



B T **1565** 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  
**HO-81-1991**  
 fill in this form completely

Date Received  
 OWNER INFORMATION  
 8 **SIMPSON** 13  
 15 Last Name 34 Owner First Name  
 36 **OLD HOPKINS RD** 55  
 Street or RFD  
 57 **CLARKSVILLE** 76  
 Town State Zip

B 3 LOCATION OF WELL  
 1 **HALL** 21  
 8 COUNTY  
 23 SUBDIVISION **DUNFORD SIMPSON PLACD** 42  
 SECTION **53** LOT **53** (HALLMARK)  
 44 46 48 50  
 52 NEAREST TOWN **CLARKSVILLE** 71  
 MILES FROM TOWN (enter 0 if in town) **2 1/2** M I  
 73 76 77 78

DRILLER INFORMATION  
 Driller's Name **Joseph L. Mayne** 77 License No. **238**  
 Firm Name **Joseph L. Mayne Well Drilling**  
 Address **5512 Ridge Rd Mt. Airy, Md. 21771**  
 Signature **Joseph L. Mayne** Date **12/29/86**

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 11 **Old Hopkins Road** 30  
 NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  WEST  EAST  SOUTH   
 34 **4** 37  
 DISTANCE FROM ROAD  
 ENTER FT or MI **FT**  
 38 39

B 2 WELL INFORMATION  
 1 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)  
 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)

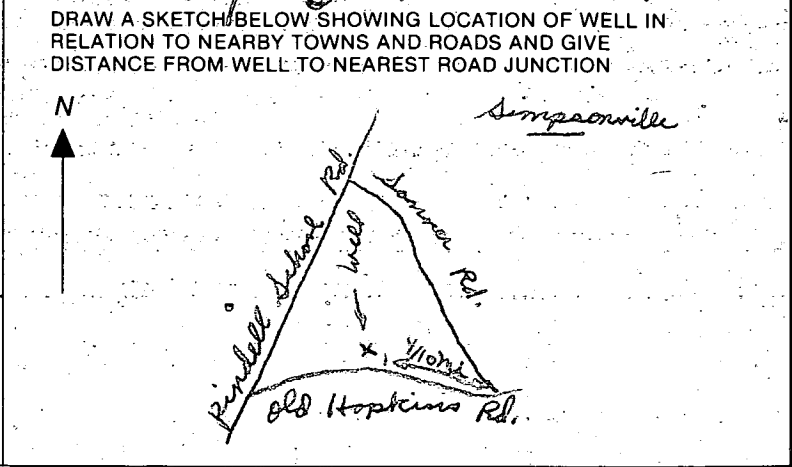
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
 COUNTY NAME **HOWARD** COUNTY NO. **A37887**  
 OEP SIGNATURE \_\_\_\_\_ STATE HEALTH INSERT S \_\_\_\_\_  
 DATE ISSUED **09/30/87**  
 CO SIGNATURE \_\_\_\_\_ EXP. DATE \_\_\_\_\_  
 NORTH GRID **0000** EAST GRID **08760000**  
 53 55 57 63

APPROXIMATE DEPTH OF WELL **200** FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL **6** INCH  
 NEAREST

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. **WEA RETURN**  
 2. \_\_\_\_\_  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E **8266**  
 N **480**  
 000 000

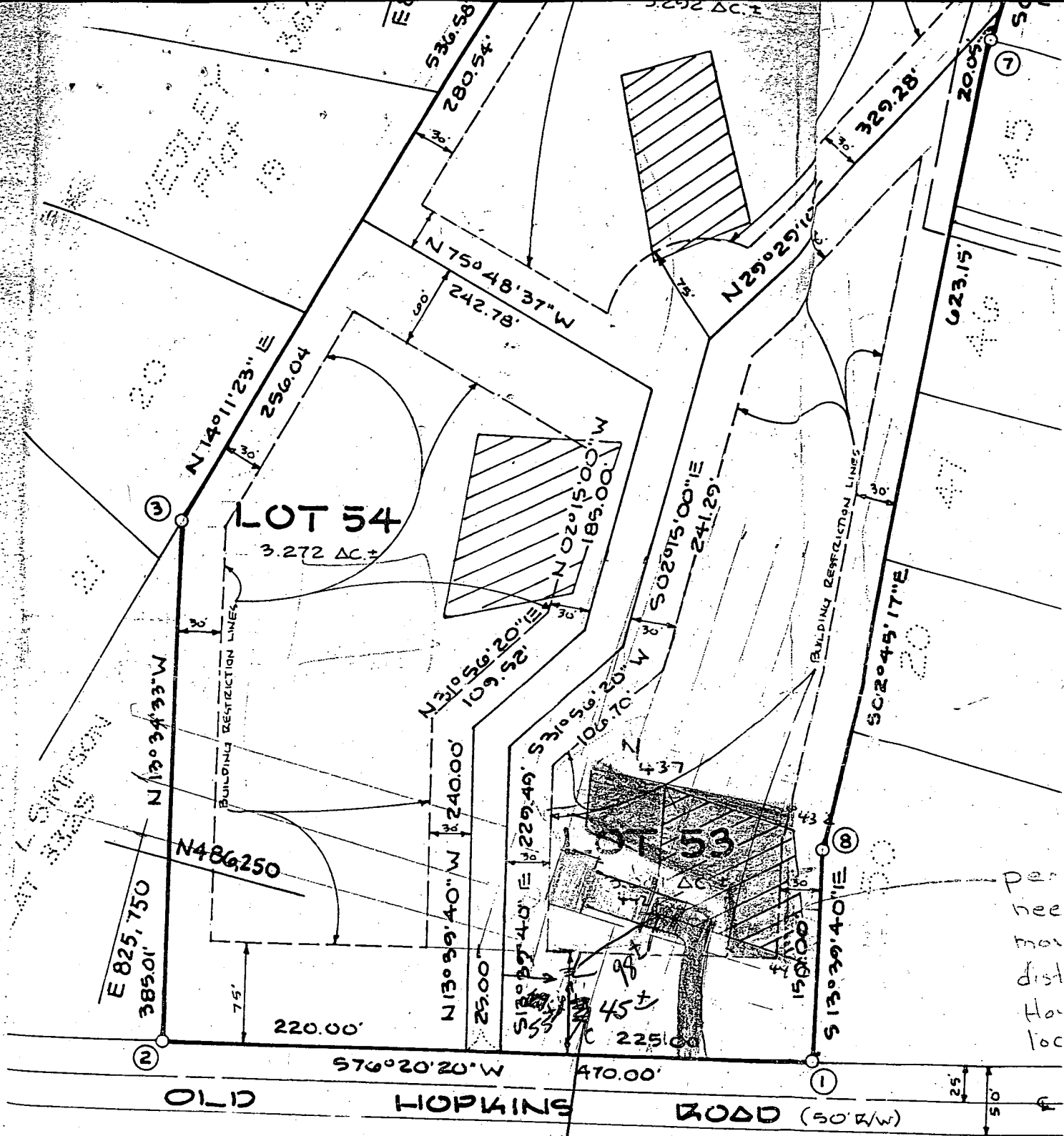
METHOD OF DRILLING (circle one)  
 BORED (or Augered)  JETTED  Jetted & DRIVEN  
 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT  
 other \_\_\_\_\_

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_



Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 54 63  
 FORCE **DA** WRITE INITIALS IN BOX PERMIT NO. **HO-81-1991**  
 167 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS



### SURVEYORS CERTIFICATE

WE HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT. IT IS A SUBDIVISION OF ALL OF THAT LAND WHICH BY DEED DATED 6<sup>TH</sup> 1945 AND RECORDED AMONG THE LAND RECORDS OF BALTIMORE COUNTY, MARYLAND, IN LIBERTY 185 AT FOLIO 461, ETC. WAS GRANTED AND CONVEYED BY JOHN M. DASHER, AND WIFE, UNTO DONALD L. SIMPSON AND CHESELEY E. SIMPSON.

### OWNERS

WE, DONALD L. SIMPSON AND CHESELEY E. SIMPSON, AS OWNERS OF THE PROPERTY SHOWN AND DESCRIBED IN THE ABOVE SUBDIVISION, AND IN CONSIDERATION OF THE OFFICE OF PLANNING AND ZONING, HAVE AGREED TO SET BACK BUILDING RESTRICTION LINES, ALL EASEMENTS, ETC.

Donald Simpson  
Old Hopkins Rd  
Clarksville, MD 21029

Joe Ruprecht  
11308 Old Hopkins Rd  
(301) 490-8784

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2799  
 Location of property (road) OLD HOPKINS ROAD  
 Subdivision HALLMARK Lot 53 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. 1  
 Well Driller RALPH MAYNE Owner STANTON, FRANK

Depth of well 205'  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 30 ft

I. High rate pumping -- reservoir drawdown

Time pump started 5:45 Pumping rate 10 G.P.M.  
 Total time 15 min to reach pumping water level 41 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)	
6:00	41 ft	6 sec	/	10 G.P.M.	
6:15	41 ft	6 sec		10 G.P.M.	
6:30	41 ft	6 sec		10 G.P.M.	
6:45	41 ft	6 sec		10 G.P.M.	
7:00	41 ft	6 sec		10 G.P.M.	
7:15	42 ft	6 sec		10 G.P.M.	
7:30	42 ft	6 sec		10 G.P.M.	
7:45	42 ft	6 sec		10 G.P.M.	
8:00	42 ft	6 sec		10 G.P.M.	
8:15	42 ft	6 sec		10 G.P.M.	
8:30	42 ft	6 sec		10 G.P.M.	
8:45	42 ft	6 sec		10 G.P.M.	
9:00	42 ft	6 sec		10 G.P.M.	

49' PL 37 open 9 Base

**C1** 9659 SEQUENCE NO. (DENV 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 **A 37887**

DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED **042588** Depth of Well **205** (TO NEAREST FOOT) PERMIT NO. **WC-91-2799**

OWNER **STANTON FRANK** STREET OR RFD **OLD HOPKINS ROAD** TOWN **CLARKSVILLE** SUBDIVISION **HALLMARK** SECTION **1** LOT **53**

**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		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	37	✓
Sand Stone	37	40	
MICKA	40	50	
Sand Stone	50	55	✓
MICKA	55	205	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **9** NO. OF POUNDS **500**  
 GALLONS OF WATER **54**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from [ ] [ ] [ ] [ ] [ ] [ ] ft. to [ ] [ ] [ ] [ ] [ ] [ ] ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST CO** **PL OT**  
 STEEL CONCRETE PLASTIC OTHER  
 MAIN CASING TYPE **PL** **C** **49**  
 Nominal diameter top (main) casing (nearest inch) **4** **49**  
 Total depth of main casing (nearest foot) **49**

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

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

**C2**

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	<b>HU</b> <b>47</b>	<b>205</b>
2	[ ] [ ]	[ ] [ ]
3	[ ] [ ]	[ ] [ ]
4	[ ] [ ]	[ ] [ ]
5	[ ] [ ]	[ ] [ ]

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

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED  
**A**  
 ELECTRIC LOG OBTAINED  
**E**  
 TEST WELL CONVERTED TO PRODUCTION WELL  
**P**

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. **223**  
 DRILLERS SIGNATURE *Kath. Wayne*  
 DRILLERS SIGNATURE ON APPLICATION (MUST MATCH SIGNATURE ON APPLICATION) *Kath. Wayne*  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

**OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)**  
 T (E.R.O.S.) **70** **72** **74 75 76**  
 WQ  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **70** WHEN PUMPING **42**  
 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 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) [ ] [ ] [ ] [ ]  
 PUMP HORSE POWER [ ] [ ] [ ] [ ]  
 PUMP COLUMN LENGTH (nearest, ft.) [ ] [ ] [ ] [ ]  
 CASING HEIGHT (circle appropriate box and enter casing height) **+** above } LAND SURFACE **2** (nearest foot) **-** below }

