

C 1 8581 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

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 7 1977

DEPTH OF WELL 305

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-2457

OWNER

LAST NAME

FIRST NAME

STREET OR RFD

POST OFFICE

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 CHECK IF WATER BEARING

Table with columns for Description, Feet (From, To), and Check if Water Bearing. Includes handwritten entries for Sand and Gravel.

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES (Y) NO (N). TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT (C-M) BENTONITE CLAY (B-C). NO. OF BAGS 42 NO. OF POUNDS 3948.

DEPTH OF-GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 48 FT. (ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES: INSERT APPROPRIATE CODE BELOW. STEEL (S-T), CONCRETE (C-O), PLASTIC (P-L), OTHER (O-T).

MAIN CASING TYPE: S-T. NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH): 6. TOTAL DEPTH OF MAIN CASING (NEAREST FOOT): 50.

OTHER CASING (IF USED)

DIAMETER (INCH) and DEPTH (FEET) FROM TO.

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE: INSERT APPROPRIATE CODE BELOW. STEEL (S-T), BRASS (BR), OPEN HOLE (H-O), PLASTIC (P-L), OTHER (O-T).

Table for E A C H S C R E E N with columns for Depth (Nearest Whole Foot) and Slot Size.

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM TO

GRAVEL PACK IF WELL DRILLED WAS A FLOWING WELL, CIRCLE BOX 68-F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

RUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2. PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2.

WATER LEVEL (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 55 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) FOR PUMPING TEST: C CENTRIFUGAL, R ROTARY, O OTHER, J JET, S SUBMERSIBLE.

PUMP INSTALLED

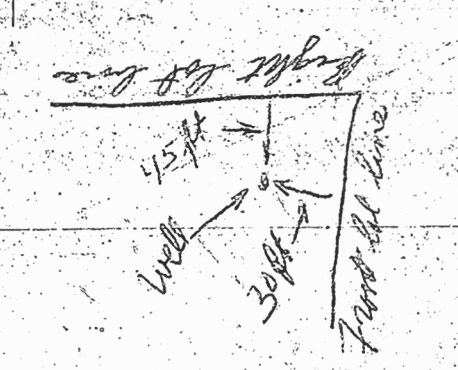
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES (Y) NO (N). CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31.

CASING HEIGHT (CIRCLE APPROPRIATE BOX, AND ENTER CASING HEIGHT)

ABOVE (+) or BELOW (-) LAND SURFACE. (NEAREST FOOT) 2

LOCATION OF WELL ON LOT



- CIRCLE APPROPRIATE BOXES: 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.

DRILLER'S NAME: Joseph L. Mayne. SIGNATURE: Joseph L. Mayne.

**B 1** 8808  
 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**

WRA PERMIT NUMBER  
 40-73-2451  
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)  
 12/11/77  
 1:30 p.m.  
 OWNER: Newburn L. James  
 COL 15 LAST NAME COL. 34  
 STREET OR RFD: 218 Teachers Building  
 COL 36 COL. 56  
 POST OFFICE: Columbia Md- 21044  
 COL 57 COL. 76

**B 1 CONTINUED DRILLER INFORMATION**  
 1 2 3 (SEQ. NO.) 6  
 DATE: Nov 11 1977 LICENSE NUMBER: 238  
 77 80  
 SIGNATURE: Joseph L. Wayne  
 FIRST NAME DRILLER LAST NAME

**B 3 LOCATION OF WELL**  
 1 2 3 (SEQ. NO.) 6  
 COUNTY: Howard  
 (DO NOT ABBREVIATE COUNTY NAME) 21  
 SUBDIVISION: Hallmark 42  
 SECTION: B LOT: 20  
 44 48 50  
 NEAREST TOWN: Fulton 67  
 MILES FROM TOWN (ENTER 0 IF IN TOWN): 3 1/2 MI 76 77 78

**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): 750  
 14 20  
 USE FOR WATER (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING, AGRICULTURE, IRRIGATION  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.  
 MUNICIPAL WATER SUPPLY  
 PRIVATE WATER COMPANY  
 TEST  
 MUST HAVE STATE HEALTH DEPT. APPROVAL

**B 4 DIRECTION FROM TOWN**  
 (CIRCLE APPROPRIATE BOX)  
 1 2 3 (SEQ. NO.) 6  
 NORTH  EAST  NE NORTHEAST  SE SOUTHEAST  
 SOUTH  WEST  NW NORTHWEST  SW SOUTHWEST  
 NEAR WHAT ROAD: Hopkins Way  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX):  NORTH  SOUTH  EAST  WEST  
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 30 MI 34 37 38 39

APPROXIMATE DEPTH OF WELL: 200 FEET  
 24 28  
 APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)  
 METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)  
 BORED (OR AUGERED)  JETTED  DRIVEN  
 AIR-ROTARY  AIR-PERCUSSION  ROTARY (HYDRAULIC ROTARY)  
 CABLE  REVERSE-ROTARY  DRIVE-POINT  
 OTHER (DESCRIBE):

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWN 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 SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

well  
 Hopkins Way  
 50' casing  
 3' above ground  
 50' open hole  
 27 bags cement  
 Not completed  
 Ran out of cement  
 12/9/77 - see other side  
 R.H.

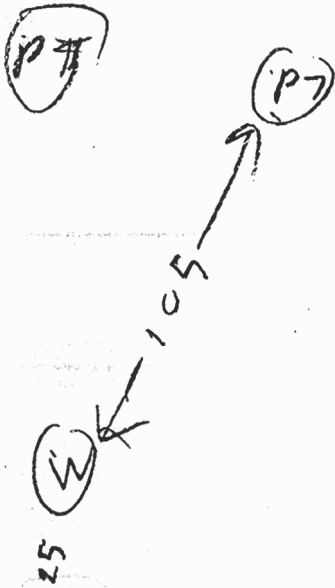
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE):

**NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)**  
 APPROPRIATION PERMIT NUMBER: 820  
 ENGINEER REVIEW DISTRICT NO.: 480  
 FORCE: 54 WRITE INITIALS IN BOX: 53 CONDITIONS: 55  
 67 68 70 71 72 73 74 75 76 77 78 79

BOX NUMBER: 820  
480  
 NORTH COORDINATE: 485000  
 50 51 52 53 54 55  
 EAST COORDINATE: 052500  
 57 58 59 60 61 62 63  
 ELEVATION AT WELL HEAD (FEET): 0/0 65 66 67 68 0/0 5/0

**B 4 CONTINUED HEALTH DEPARTMENT APPROVAL**  
 1 2 3 (SEQ. NO.) 6  
 STATE HEALTH (CIRCLE BOX): S  
 COUNTY NAME: Howard COUNTY NO.: 107221  
 DATE: 11 15 77  
 APPROVED BY: Fred Frommelt, Sanitarian  
 43 48

**B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)**  
 1 2 3 (SEQ. NO.) 6



12/19/77

- ① Location of well OK
- ② 41 ft open hole left to be grouted
- ③ Total of 41 bags used

RECEIVED  
 HEALTH DEPT.  
 BIRMINGHAM, ALA.  
 DEC 28 11 19 AM '77

RECEIVED

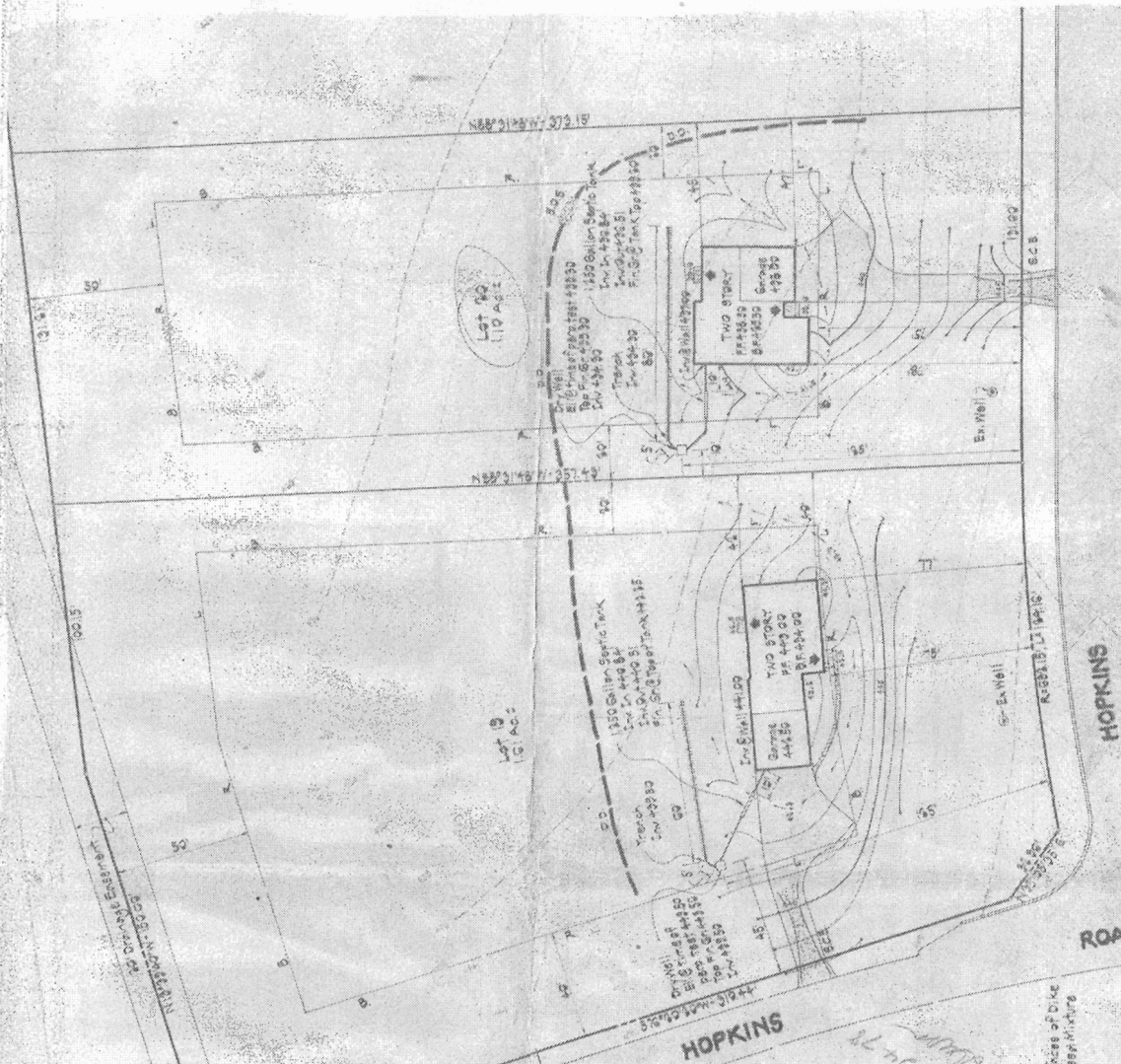
3/27/79 CONTINUED

PERMIT 29214

HOUSESEWER APPEARS TO  
BE COVERED I SAW

BACHOE MAN M. WILEY & HIS  
UNCOVERED PART OF HOUSE SEWER  
HE NOTICED PART OF HOUSE SEWER  
COMING OUT OF HOUSE NOT YET  
CONNECTED TO TANK HE SAID  
HE WOULD CONNECT IT TO TANKS  
& CALL US R/H

1. Develop and submit to the Board of Public Works a preliminary plat for the lots of  
 2. Prepare a final plat for the lots of  
 3. File the final plat with the Board of Public Works for recording.

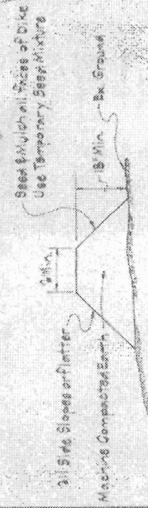


**SITE ANALYSIS**

- 1. Total number of lots in this submission - 2
- 2. Total area of lots - 2.0 AC
- 3. Total area to be disturbed - 0.8 AC
- 4. Total area to be regraded - 0.8 AC

**CONSTRUCTION SEQUENCE**

1. Obtain grading permit.
2. Install settlement control structures and stabilize.
3. Backfill driveway.
4. Excavate for foundation.
5. Construct dwelling.
6. Grading within 2' of finished grade.
7. Install septic system.
8. Lay driveway and sidewalks.
9. Stabilize unsewered areas.
10. Remove settlement control structures.



**DIVERSION DIKE**

Not to Scale

Reviewed for Howard Ball Conservation District and meet Technical Requirements.

U.S.A. Ball Conservation Services  
 1155 Development Planning Department, Ball Conservation District  
 1155 Development Planning Department, Ball Conservation District

**DEVELOPER'S CERTIFICATE**

I certify that the information on this plan is true and correct and that I am a duly licensed professional engineer in the State of Maryland. I have prepared this plan in accordance with the requirements of the Maryland State Board of Professional Engineers and Geoscientists, and I have not been convicted of any crime involving moral turpitude within the State of Maryland.

**ENGINEER'S CERTIFICATE**

I certify that this plan is in accordance with the requirements of the Maryland State Board of Professional Engineers and Geoscientists, and I have not been convicted of any crime involving moral turpitude within the State of Maryland.

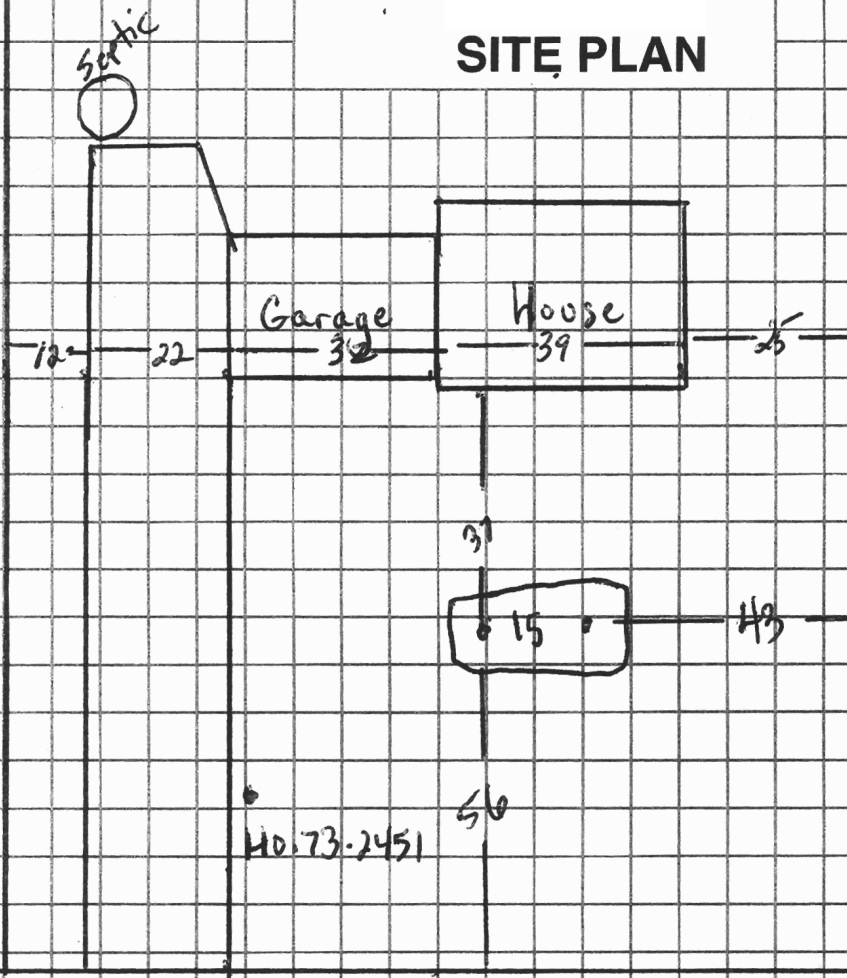
I certify the  
 this plan is  
 signed

Howard Ball Conservation District  
 1155 Development Planning Department, Ball Conservation District  
 1155 Development Planning Department, Ball Conservation District  
 1155 Development Planning Department, Ball Conservation District



WELL DRILLING

# SITE PLAN



7394 Hopkins Way  
 Clarksville Md (Howard Co)

Sediment Control Protocol: silt fence

Distance From House: 3  
 From Septic: 100+  
 From Sewer: n/a  
 From Property Line: 43+  
 From Street: 56

Trees Nearby: no  
 Utility Issues: need marked  
 Mats Needed: to leave asphalt  
 Access For H/U: drill only  
 Neighboring Tags: \_\_\_\_\_

Comments: pull in by garage & back across front to site

Person Completing Form: B Guzzardi