

6/27/79 - am if possible

approved 6/27/79

J. Stayer

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

05-367891

ELLICOTT CITY

DISTRICT 5th

DATE 6/18/79

INDEXED

Donald Souder

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 14269 Triadelphia Mill Rd., Dayton, Md.

PHONE 725-5772

SUBDIVISION ROAD 14191 Triadelphia Mill Road

PROPERTY OWNER Donald Souder

ADDRESS same as above

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ☒ ABSORBENT SIDE-WALL AREA 400 SQ. FT. total sidewall area.

INLET PIPE 2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN
FACING LOT FROM

Locate dry well at a point 155 ft. from existing well and 140 ft. from fence
line which roughly parallels Triadelphia Mill Road.

PLANS APPROVED BY George L. Keller

DATE 4/16/79

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

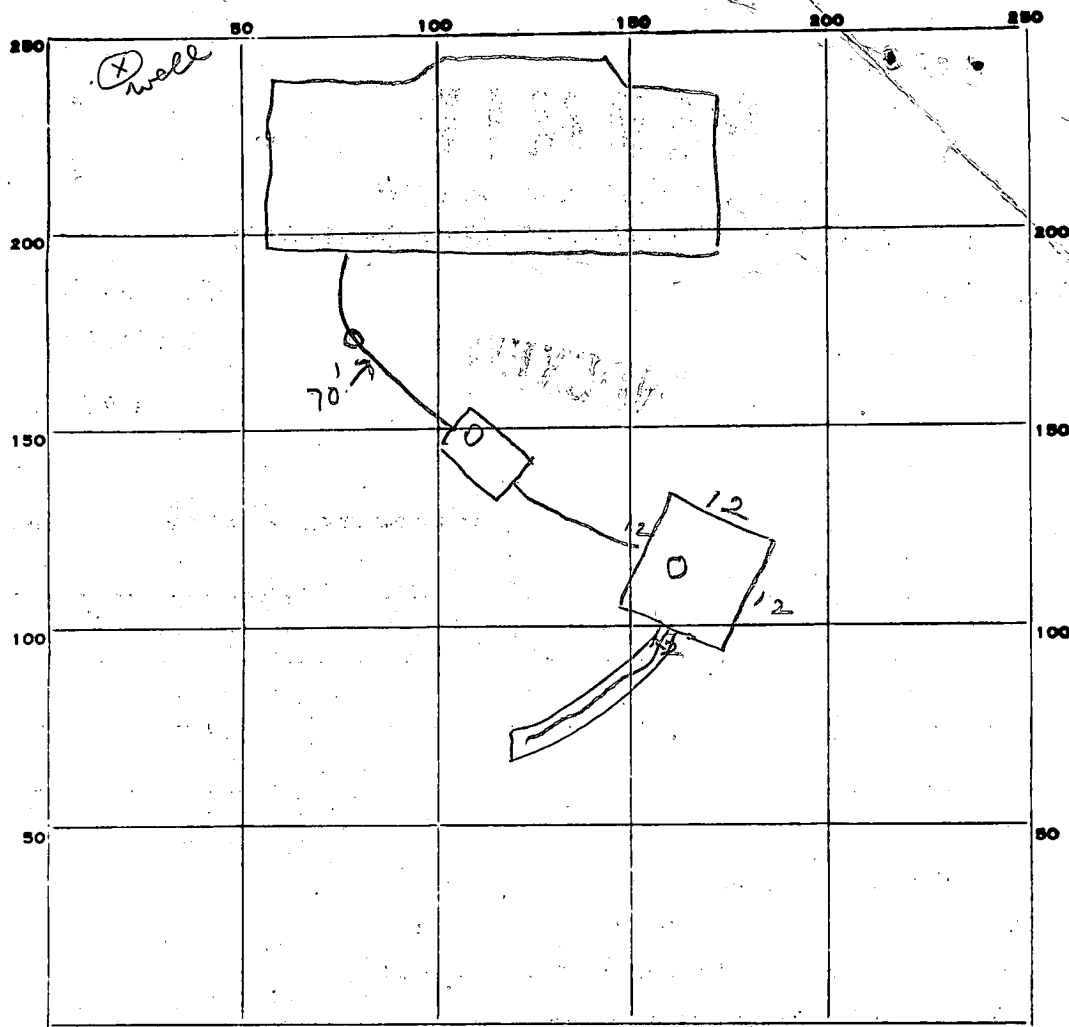
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA
COTTA ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 29709

48
7
336
154
490

22
7
154



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS

ST/DW terra cotta

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 22 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 154

SEEPAGE PITS, INSIDE DIAMETER 48 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 490 SQ. FT.

REMARKS 26 June 79 - Contacted by Sander (phone) who stated he was short on area and intends to add ~ 20' trench. Give him the OK to gravel trench provided he certifies gravel depth. (6ck)
6/27/79 OK to cover work. JB

DATE SYSTEM APPROVED

6/27/79

INSPECTOR

J. Stayer

APPLICATION

Prel.
4/16/79
1:30 p.m.

A 29709

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE 4/10/79

DRYWELL: 400 square feet total area, inlet at 2', max. depth not to exceed 10' below original grade. Locate drywell at a point 155' from existing well 3' 140' from fence line which roughly parallels Philadelphia Mill Road.

"perc hole"
③

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

G.L. Keller
24 Apr. 79

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

PROPERTY OWNER Ronald Souder

ADDRESS 14269 Triadelphia Mill Rd. PHONE 725-5772
Hayton, Md.

PROPERTY LOCATION:

SUBDIVISION 14191 LOT NO. _____

ROAD AND DESCRIPTION Triadelphia Mill Road - right above pond on farm

SIZE OF LOT 70 acres TYPE BLDG. 3 bedrooms

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.

ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT Ronald E. Souder

BLDG. PERMIT SIGNED
AND RETURNED 5/14/79
Serial No. 39320

APPROVED BY G. Keller FOR Drywell DATE 16 Apr. 79

REJECTED BY _____ FOR _____ DATE _____

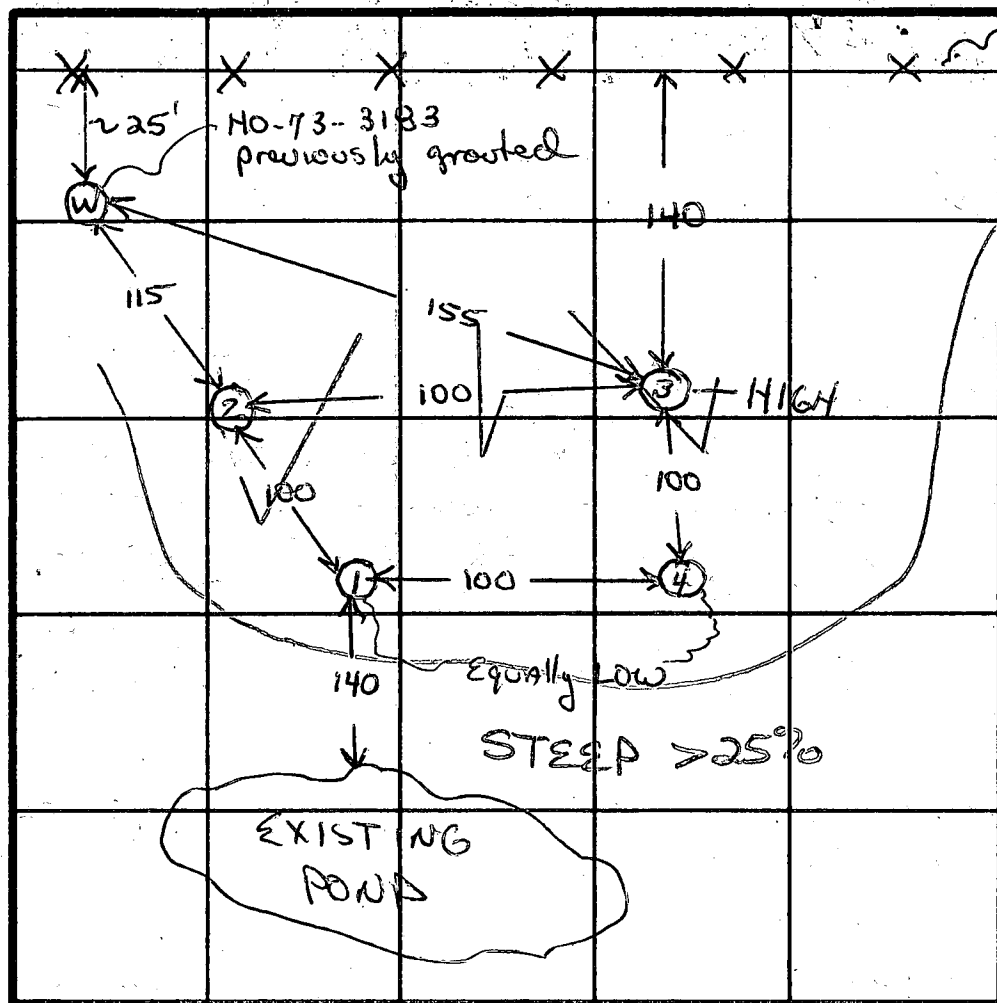
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Hold for elevations. (GLK) 24 Apr 79
Elevations accepted. (GLK) 27 Apr 79

THIS IS NOT A PERMIT

ALL HOLES
CONSISTENT
SOIL PROFILE

0	CLAYEY SAND
2-3	MICACEOUS SANDY LOAM
13	HARD PACKED



Elevation:
pond -> ① = 35'
① -> ② = 11'
② -> ③ = 6'
③ -> ④ = 5'

TRENCH
IF NEEDED
③ -> ②
(NO LONGER
than 50')

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

TRIDELPHIA MILL ROAD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/16/79	1S	3	144	145	145	147	2
	1D	1 1/2	150	153	153	157	4
	2S	2 1/2	159	202	202	204	2
	2D	1 1/2 -	VISUAL -	SIMILAR TO ③			
	3S	2	234	235	235	237	2
	3D	13	229	238	238	255	17
	4S	2'	251	253	253	256	3
	4D	1 1/2 -	VISUAL	SIMILAR TO ①			

HARD DEEP

REMARKS open field - tests for Souders' house

TYPE OF SOIL micaceous sandy loam - hard packed deep - no pronounced clay layer

TESTED BY GLK

ALSO PRESENT Souders

Revisions made by: W. Souder

27 Apr 79

Approved

(GLK)

27 Apr. 79

Donald & Allen Mae Souder
14267 Triadelphia Mill Rd
Jefferson County, W. Va. 26103

Greenbridge Road

67.758 Acres

Well Elev
Exist. 648'

135' from Well to
dry well hole #3

24' from h. Septic

Tank

25'

Jug

140' from
fence line to
dry well

F.F. Elev. 643'

Base Elev. 639'

House Inv. 638'

Tank Inv. 637.50'

ORIG. ~~Exist.~~ Elev. at Tank 641'

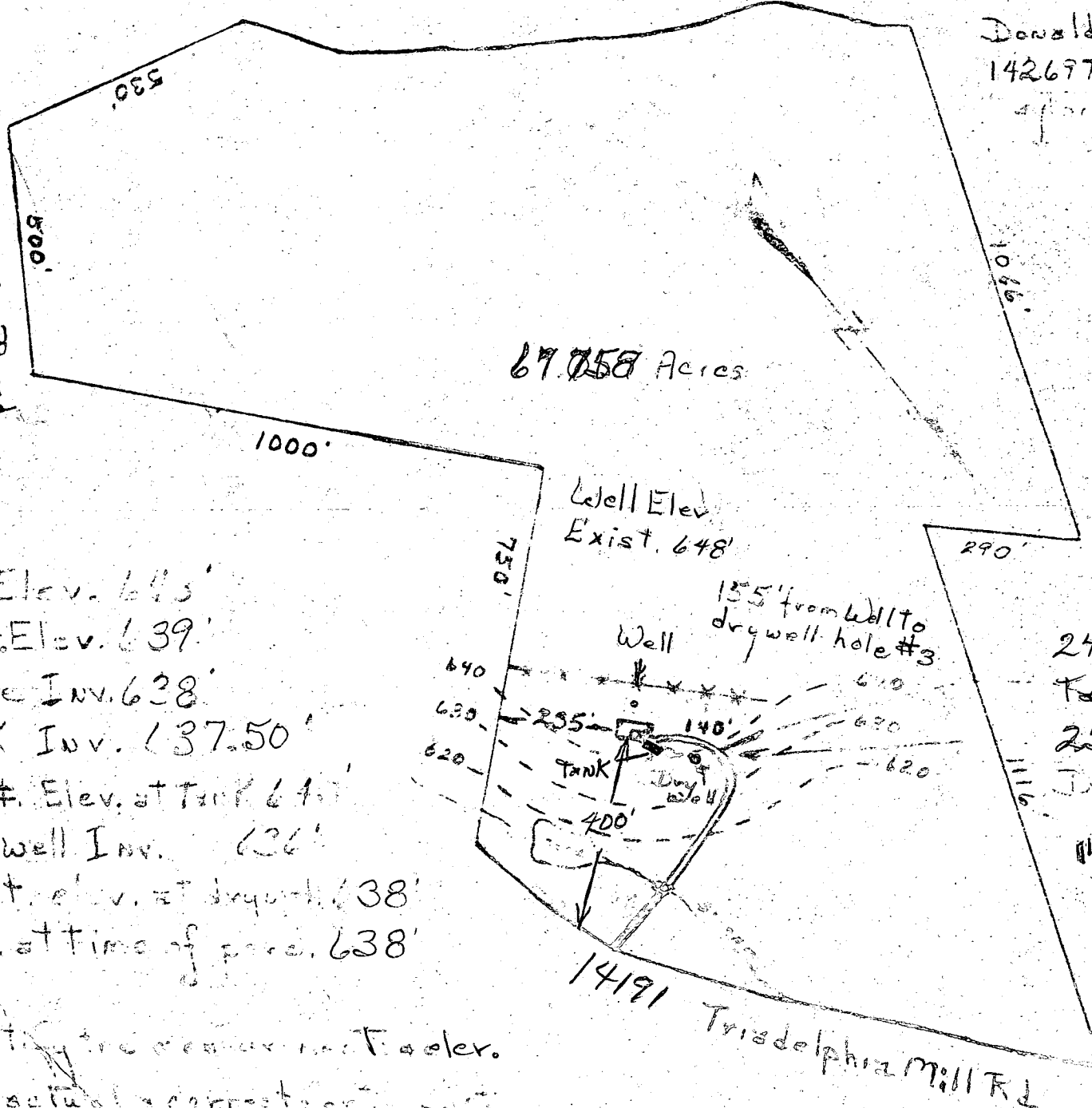
Dry well Inv. 636'

Exist. elev. at dry well 638'

Elev. at time of purchase 638'

Inserting the new meter & T. & S. are actual & correct

W. Souder



STATE OF MARYLAND WATER RESOURCES ADMINISTRATION		WRA PERMIT NUMBER HO 29,3183	
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401		FILL IN THIS FORM COMPLETELY	
APPLICATION FOR PERMIT TO DRILL WELL			
B 1 1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) DATE RECEIVED (WRA USE ONLY) 4/11/79 9:30 A.M.		OWNER COL 15 LAST NAME Soulders FIRST NAME Donald COL 34 STREET OR RFD COL 36 14269 TRIADELPHIA Rd. COL 55 POST OFFICE COL 57 Dayton MD. COL 76	
B 1 1 2 3 (SEQ. NO.) 6 CONTINUED DATE March 5, 1979 LICENSE NUMBER 273 77 80 FIRST NAME Ralph DRILLER LAST NAME Wayne SIGNATURE Ralph Wayne		B 3 1 2 3 (SEQ. NO.) 6 LOCATION OF WELL COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21 SUBDIVISION 23 SECTION 44 LOT 48 NEAREST TOWN Dayton MILES FROM TOWN (ENTER 0 IF IN TOWN) 4 79 76 77 78	
B 2 1 2 3 (SEQ. NO.) 6 WELL INFORMATION MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 500 14 20 USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ 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 ☐ T TEST MUST HAVE STATE HEALTH DEPT. APPROVAL		B 4 1 2 3 (SEQ. NO.) 6 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) ☐ N NORTH ☐ E EAST ☐ NE NORTHEAST ☒ SE SOUTHEAST ☐ S SOUTH ☐ W WEST ☐ NW NORTHWEST ☐ SW SOUTHWEST NEAR WHAT TRIADELPHIA Rd. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) ☒ S 32 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 130 34 37 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 47' - CASING 2' - ABOVE GR 45' - OPEN 15 - BAGS CEMENT TRIADELPHIA Rd. 4/11/79 150' X well GREENWICH Rd. 0/5 5/5	
APPROXIMATE DEPTH OF WELL 150 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH) METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) BORED (OR AUGERED) JETTED DRIVEN 30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY) CABLE REVERSE-ROTARY DRIVE-POINT OTHER (DESCRIBE)		REPLACEMENT OR DEEPEMED 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. ☐ S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ D THIS WELL WILL DEEPEMED 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 54 ENGINEER REVIEW DISTRICT NO. 65 FORCE WRITE INITIALS IN BOX CONDITIONS A E N S G W Q C L U 67 68 70 71 72 73 74 75 76 77 78 79		BOX NUMBER E 590 N 500 NORTH COORDINATE 80 81 82 83 84 85 EAST COORDINATE 57 58 59 60 61 62 63 ELEVATION AT WELL HEAD (FEET) 65 66 67 68 0/0 5/0	
B 4 1 2 3 (SEQ. NO.) 6 CONTINUED 41 S STATE HEALTH (CIRCLE BOX) MO. DAY YR. DATE 030770 APPROVED BY Donald H. Monahan, Secretary		HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. 22 APPROVED BY Donald H. Monahan, Secretary	
B 5 1 2 3 (SEQ. NO.) 6 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)		B 5 1 2 3 (SEQ. NO.) 6 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)	

A16917

HEALTH

7-771

C 1 5635

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 4129546

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED APRIL 11, 1979

DEPTH OF WELL 325' (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 41-49-9149

DRILLERS IDENTIFICATION NO. 273

OWNER SOLIDERS DONALD

OR RFD 14269 Triadelphia Rd

POST OFFICE Dayton Md

WELL LOG

DESCRIPTION OF FORMATIONS PENETRATED, THEIR THICKNESS AND IF WATER BEARING

WELL DESCRIPTION

GROUTING RECORD

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

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT [C] BENTONITE CLAY [B]

NO. OF BAGS 8 NO. OF POUNDS 800

GALLONS OF WATER 48

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 45 FT.

CASING RECORD

CASING TYPES (INSERT APPROPRIATE CODE BELOW) STEEL [S] CONCRETE [C] PLASTIC [P] OTHER [O]

MAIN CASING TYPE [S] NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 47

OTHER CASING (IF USED) DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE (INSERT APPROPRIATE CODE BELOW) STEEL [S] BRASS OR BRONZE [B] OPEN HOLE [H] PLASTIC [P] OTHER [O]

C 2

1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT) FROM 45 TO 325

EACH SCREEN

1 H C 2 3

23 24 26 30 32 36

38 39 41 45 47 51

SLOT SIZE 1. 2. 3.

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM 56 TO 60

GRAVEL PACK

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

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING 70 [] LOG INDICATOR 72 [] OTHER DATA AVAILABLE 74 75 76 []

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 Ralph MAYNE

(PLEASE PRINT)

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 8

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 40 (NEAREST FOOT) WHEN PUMPING 325 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) [A] AIR [P] PISTON [T] TURBINE [C] CENTRIFUGAL [R] ROTARY [O] OTHER (DESCRIBE BELOW) [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 39

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)

LOCATION OF WELL ON LOT

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

150' 250' Road