

9/29
AM
ASAP

PERMIT

P 40108

A 30408

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 9/15/87

INDEXED

DATE SYSTEM APPROVED 9/29/87

03-308170

INSPECTOR S. Abel

Jack Fyock _____ IS PERMITTED TO INSTALL ALTER _____

ADDRESS 13775 Triadelphia Road, Glenelg, MD 21737 PHONE 988-9270

SUBDIVISION Wigglesworth property ROAD 3320 Pfefferkorn Road LOT 4

PROPERTY OWNER Scott and Kathy Marshall

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 2

TRENCHES - 200 sq. ft. sidewall area per bedroom. 40 foot trench/bedroom.

Trench to be 2 feet wide. Inlet 3 feet below original grade.

Bottom maximum depth 8 feet below original grade. Effective area begins at 3

feet below original grade. 5 feet of stone below distribution pipe. Start

the first trench at the highest perc hole which is located 625 feet from the

front (207.98') lot line and 35 feet from the right lot line. Run trenches
along contour toward left side of property.

OK
RW

WPE Pitless At 42" well line 42-50" below grade - NO INSIDE WORK COMPLETE

PLANS APPROVED BY Craig Williams DATE 1/13/87

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES).

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.

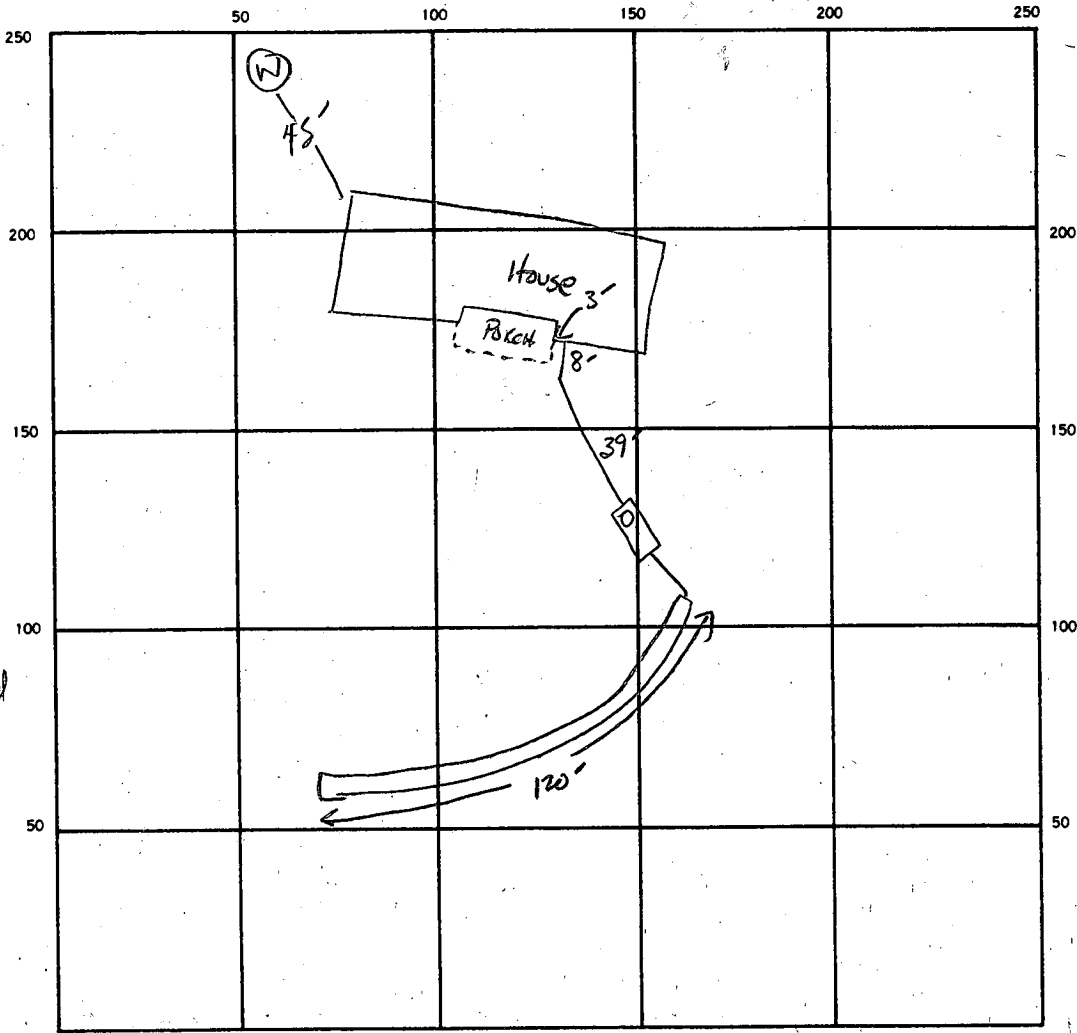
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 30408



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

Pfefferkorn Rd.

SEPTIC TANK. LEVEL ✓ 1250 CLEANOUTS ✓

DISTRIBUTION BOX. LEVEL N/A

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 FT.

EFFECTIVE GRAVEL DEPTH 6 FT. TOTAL LENGTH 120 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL BOTTOM AREA 720A SQ. FT.

DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS OK TO FINISH SOME / OK TO COVER ALL WORK

DATE SYSTEM APPROVED 9/29/87 INSPECTOR Sid Abel

SUBDIVISION: PEEPER CORN RD

LOT NUMBER: 4

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
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

200 sq. ft./bedroom

Trench to be 2 wide.

Inlet 3 feet below original grade.

Bottom maximum depth 8 feet below original grade.

Effective area begins at 3 feet below original grade.

5 feet of stone below distribution pipe.

(40' TRENCH / BDRoom)

2 bedrooms
no disposal

- 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 absorbant sidewall area by 22%.

LOCATION: START THE FIRST TRENCH AT THE HIGHEST
PEARC HOLE WHICH IS LOCATED 625' FROM THE FRONT (207.98')
LOT LINE AND 35' FROM THE RIGHT LOT LINE.
RUN TRENCHES ALONG CONTOUR TOWARD LEFT SIDE
OF PROPERTY.

REVISED 1/13/87 CW [Signature]

APPLICATION

4

A 30408

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT 3 BR 1000 GAL TANK
ENVIRONMENTAL HEALTH SERVICES 4 BR 1250 GAL TANK

P.O. BOX 476 ELLICOTT, MARYLAND 21043

DISTRICT 3rd.

DEE P TELEPHONE: 992-2330
DITCH 3 BR 460 SQ FT SIDEWALL AREA ONE SIDE
4 BR 580 SQ FT

DATE 12/10/79

DITCH TO BE 9 FT DEEP WITH INLET AT 3 FT & 6 FT OF STONE
FOR 3 BR FOR EXAMPLE DITCH WILL BE 84 FT LONG
" " 4 BR " " " " " " 97 FT LONG

PLACE THE DITCH BETWEEN THE TWO HIGH PERC HOLES (ELEVATION 327.9 & ELEVATION 327.8)

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

SHOWN ON THE PERC CERTIFICATION

PROPERTY OWNER James P. Wigglesworth PLAT SIGNED BY DR BOYD

ADDRESS 3310 Pfefferkorn Road, W. Friendship, Md. ON 4/15/81

PROPERTY LOCATION: SCOTT + KATHY MARSHALL

BLDG. PERMIT SIGNED AND RETURNED 7/30/81
BP 1094
886

SUBDIVISION Wigglesworth Property LOT NO. 4

ROAD AND DESCRIPTION 3320 Pfefferkorn Road

SIZE OF LOT 5.0 acres TYPE BLDG. 3 or 4 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.

BLDG. PERMIT SIGNED AND RETURNED _____

SIGNATURE OF APPLICANT Dennis White

APPROVED BY Raymond Boyde FOR Deep Ditch DATE 4/23/81

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS Stephen H Hill DATE 7-15-80

REASONS FOR ~~REJECTION~~ OR HOLDING Hole for certified holes & wet season
Test, possible water table problems 3/6/81 HELD FOR REVIEW

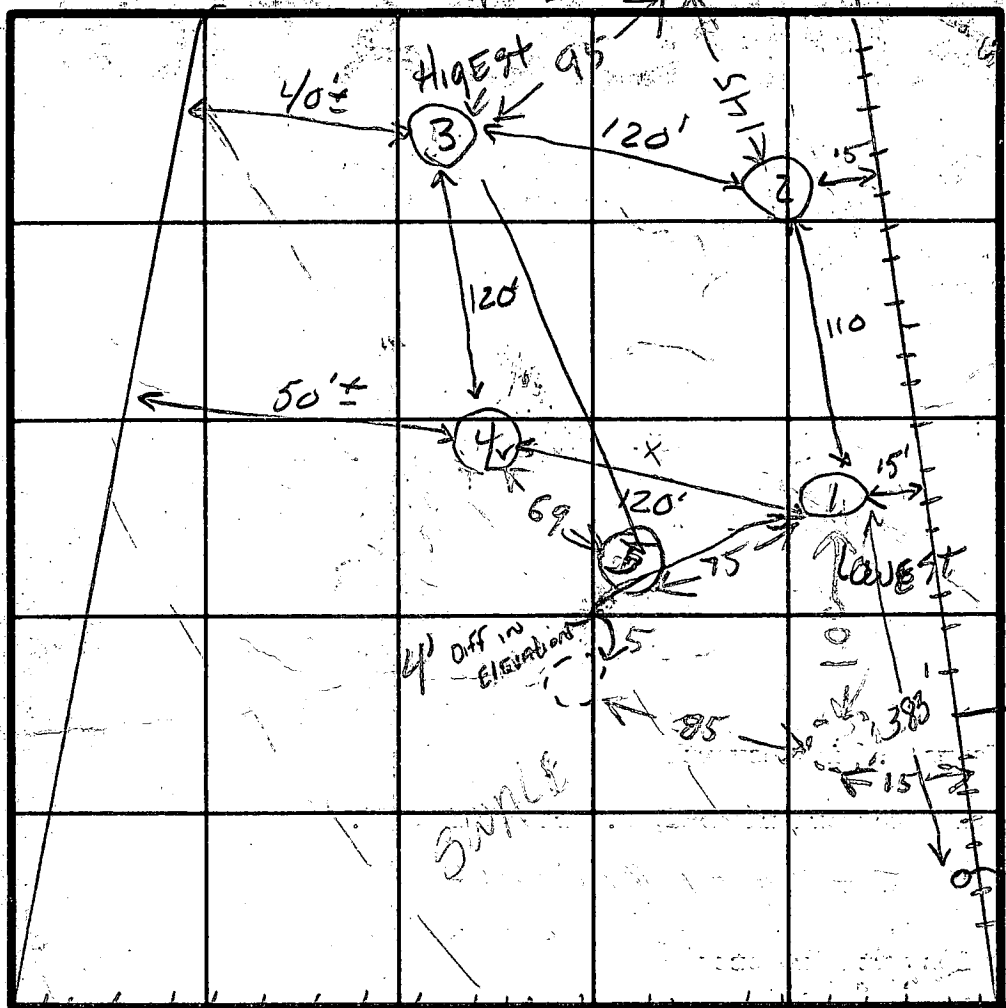
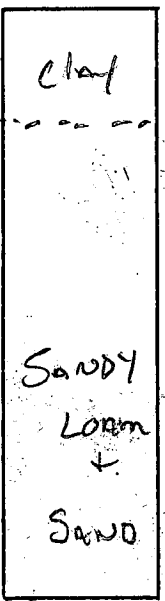
WITH FF FF SAID HOLD FOR FURTHER DISCUSSION WITH SK
3/9/81 DISCUSSED WITH RF & SK DECIDED DRINK FIELDS OK
TOLD O. KETTERMAN 3/12/81 TOLD RESULTS OF BEST

THIS IS NOT A PERMIT

4/14/81 - FINAL PLAT READY TO BE SIGNED TO W. HARTZEL
4/15/81 Final Plat Signed

Lot # 4

SOIL PROFILE



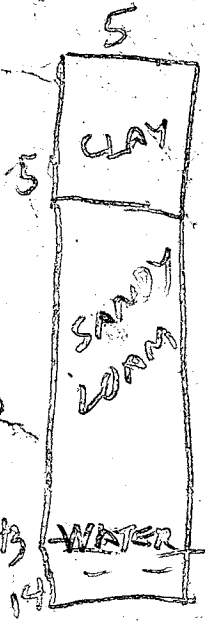
Excavated hole
Back filled
upon arrival

FENCE

Corner stake
Lot 9 / Lot 4
9-20-80

INDICATE NORTH, NAME ADJOINING ROADWAY AS BASE LINE

STREAM



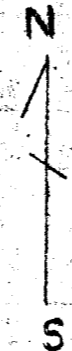
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
7-15-80	15	3 1/2	1:14	1:17	1:17	1:26	9	
	1D	1 1/2	1:13	1:16	1:16	1:24	8min	
	2S	2 1/2	1:17	1:20	1:20	1:26	6min	
	2D	12'	1:18	1:21	1:21	1:29	8min	
High	3S	4'	1:28	1:30	1:30	1:33	3min	
High	3D	12'	1:29	1:32	1:32	1:36	4min	
	4V	12'	1-4-clay	4-12	SANDY LOAM SAND			
3/6/81	5V	14	WATER		13 1/2 FT			
	6V	12 1/2	ALL SAND					

HOLE (3) ABOUT 8 FT HIGHER THAN (5) HOLE (6) SAME AS (3)

REMARKS OPEN FIELD NO LAT LINES.
 (5) IS ON GROUND LFT SK 7-15-80
 TYPE OF SOIL LOWER THAN (1) RH
 TESTED BY SK 7-15-80 ALSO PRESENT D. REUBER

PLAT LOT NO. 4

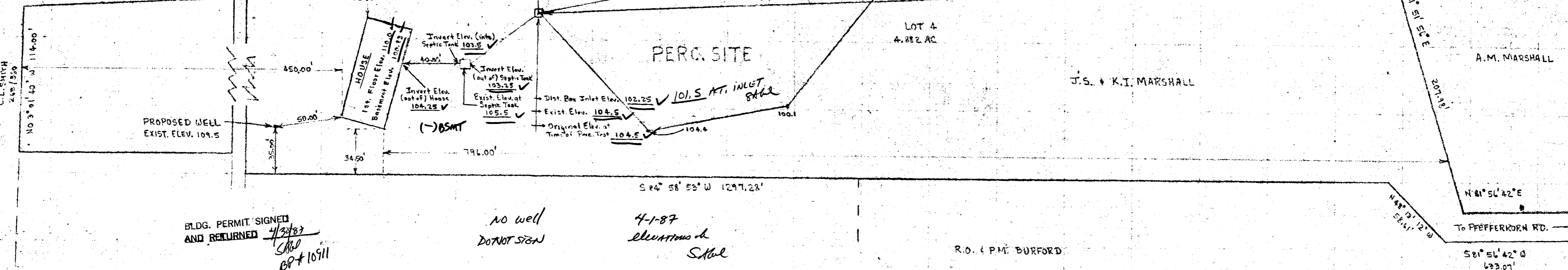
3320 Pfefferkorn Rd



ELMER R. MILES
504/297

THOMAS W. HOGG
485/246

W.M. KRUMH
628/104



BLDG. PERMIT SIGNED
AND RETURNED 4/30/87
SKB
BP # 10911

no well
DO NOT SIGN

4-1-87
Elevations of
Site

R.O. & P.M. BURFORD

A.M. MARSHALL

S 81° 56' 42" W
623.07'

To PFEFFERKORN RD. →

B 1 **7689** 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 *4/29/87*
 please print or type *2 AFFR#1*

OEP PERMIT NUMBER
HO-81-2001
 fill in this form completely

Date Received
 OWNER INFORMATION
MARSHALL JOHN AKATHV
 15 Last Name Owner First Name
3310 FEEFFERKORN RD
 36 Street or RFD 55
WEST FREETENSBURG 21794
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL *R 38956*
HOWARD
 8 COUNTY 21
NIGGLESWORTH PROP
 23 SUBDIVISION 42
 SECTION **44** LOT **4**
 44 46 48 50
27 FINELE
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) **1** MI
 73 76 77 78

DRILLER INFORMATION
GEORGE F. EASTERDAY
 40
 77 License No. 80
L.F. EASTERDAY, INC.
 Firm Name
265 Crown Church Rd Mt Airy MD
 Address
George J. Easterday
 Signature Date

B 4
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
3300 Redstone Rd
 11 NEAR WHAT ROAD 30
 NORTH
 WEST EAST
 SOUTH
1500
 34 DISTANCE FROM ROAD 37
 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) **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
HOWARD
 COUNTY NAME
A-30408
 COUNTY NO.
 OEP SIGNATURE _____ STATE HEALTH INSERT S
 DATE ISSUED **033087** *R Nylon* **09/30/87**
 43 48 CO SIGNATURE 52 EXP. DATE
 NORTH GRID **526000** EAST GRID **0801000**
 50 55 57 63

APPROXIMATE DEPTH OF WELL **200** FEET
 24 28

APPROXIMATE DIAMETER OF WELL **6** INCH
 NEAREST 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
 E **800.1**
 N **5206**
 000
 000

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) _____

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION
 N
 X FEEFFERKORN RD
 RT 32
 GLENELE

Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 54 63
 FORCE **BA** WRITE INITIALS IN BOX PERMIT NO. **HO-81-2001**
 67 68 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

C1 2333

SEQUENCE NO. (OEP USE ONLY)

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-30408

DATE Received
[] [] [] [] [] [] [] []

DATE WELL COMPLETED
04 29 87

Depth of Well
22 140 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HC-81-2081

OWNER MARSHALL SOHN
last name first name

STREET OR RFD 3320 PFS FEES CORN

TOWN GLENELG

SUBDIVISION WIGGLESWORTH PROP SECTION

LOT 4

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	
clay	2	5	
Shaley	5	10	
brow slate	10	35	
blue slate	35	55	
brown slate	55	58	✓
blue slate	58	140	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO

TYPE OF GROUTING MATERIAL
CEMENT BENTONITE CLAY

NO. OF BAGS 14 NO. OF POUNDS 1400

GALLONS OF WATER 70

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 40 ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

STEEL CONCRETE
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) 60 61
Total depth of main casing (nearest foot) 43 66 70

OTHER CASING (if used)

diameter inch depth (feet) from to

EACH CASING [] [] [] [] [] [] [] []

SCREEN RECORD

screen type or open hole insert appropriate code below

STEEL BRASS OPEN HOLE
BRONZE PLASTIC OTHER

DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	

- 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

DRILLERS SIGNATURE Henry J. Guter

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

GRAVEL PACK from to

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

T (E.P.O.S.) 208100

WQ 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 32

WHEN PUMPING 41

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:

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 49 57

CASING HEIGHT (circle appropriate box and enter casing height)

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)

