

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-284230

INDEXED

P 4/12/88

A 25303

DISTRICT 5th

DATE 3/17/88

DATE SYSTEM APPROVED 4/12/88

INSPECTOR R.H.

Alan Whitworth Excavating IS PERMITTED TO INSTALL  ALTER

ADDRESS 12680 Clarksville Pike, Clarksville, MD 21029 PHONE 531-5033

SUBDIVISION Simpson Woods ROAD 7218 Meadow Wood Way LOT 2, Section 2

PROPERTY OWNER Joseph Farley

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

**TRENCHES** - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 9.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 5 feet of stone below distribution pipe.

**LOCATION** - Place the distribution box 125 feet up the right (344.81') lot line and 130 feet off the same lot line as seen when facing the lot from Meadowwood Way. Run trenches on contour toward rear property lines.

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

PLANS APPROVED BY S. Abel DATE 12/29/87

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.

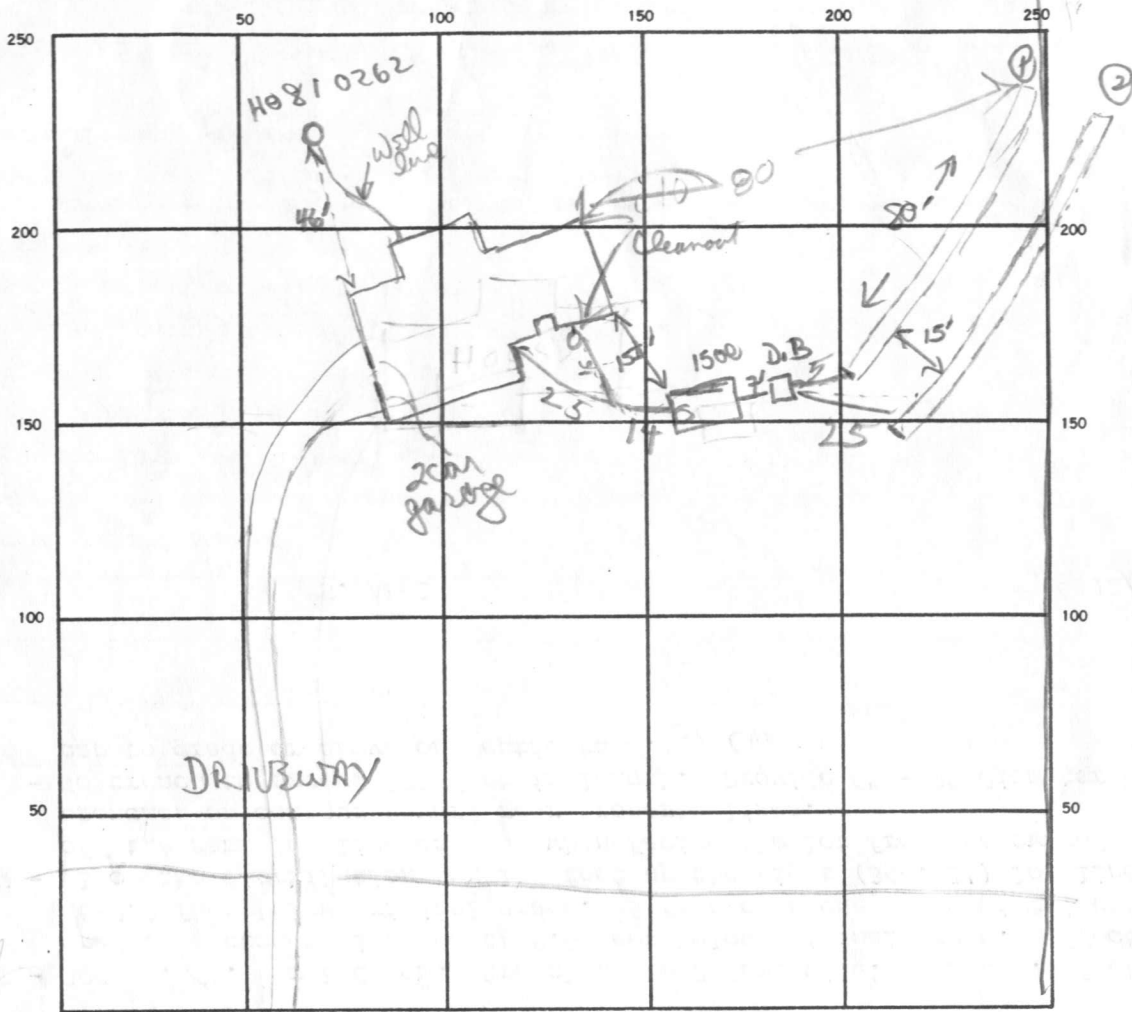
**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

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

EH - 2-1186

A 25303

*4/6/88 1PM 4/12/88  
Late AM (Mon)*



OVER 500 FT TANK TO STREAM  
STREAM ON NEXT LOT

200  
516 300 / 4  
50 150

INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE.  
TO SIMPSON ROAD — MENDOWAZIK ROAD

SEPTIC TANK. LEVEL 1590 gal CLEANOUTS ST OK

DISTRIBUTION BOX. LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD. DEPTH 9' 9 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4' 4 1/2 = 5 FT.

EFFECTIVE GRAVEL DEPTH 5, 5 FT. TOTAL LENGTH 80 50 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 400 + 400 SQ. FT. Install 800

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

ABSORBENT AREA 800 SQ. FT.

REMARKS 4/6/88 - SOME ONE COMPAINED TRENCHES TOO CLOSE TO FLOW PIAIN BUT NOT TRUE OVER 500 FT TANK TO STREAM WHICH IS MUCH LOWER THAN TANK, TANK OK LOCATION OK DIG TRENCH & CALL RH 4/11/88 dual outlet pipe from house to tank, OR to add stone pipe paper to trench #3 + trench #2, OK to partial fill center of #1 to get to 2. OR to hook up piping 3/11/88 OR to finish stony 1/2.

DATE SYSTEM APPROVED 4/12/88 INSPECTOR Richard Taylor

# APPLICATION

A 25303

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

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: 465-3000, EXT. 356

DISTRICT 5

DATE 3/1/77

Septic Tank {

1-3 Bedrooms

4 Bedrooms

1700 gallons

absorbent sidewall seeps per bedroom  
inlet. Inlet to be 3 1/2' below original grade and maximum  
depth 12'. location per engineers plat, 120' from  
left property line and 130' from rear property line  
when facing lot from Meadow Wood Way (1+2)

Dry well to have 165 sq ft effective

or if dry well & trench used need:  
① 5' earth buffer between dry well & trench

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

ok 70 ft. trench  
9 ft. stone

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

PROPERTY OWNER % LANDBERG, INC. SUITE 128 2 inspections of 2 sec 2

ADDRESS 1000 CENTURY PLAZA COL. MO. 21044 PHONE 730-0500

PROPERTY LOCATION:

SUBDIVISION SIMPSON WOODS, SECTION ~~ONE~~ 2 LOT NO. 7 Lot 2 sec 2

ROAD AND DESCRIPTION ROAD A 7218 MEADOW WOOD WAY BLOCK A

SIZE OF LOT 66,600 TYPE BLDG. 3 or 4  
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

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

SIGNATURE OR APPLICANT Clawburg, Pres. Phase II, Ltd.

APPROVED BY C.B. Steaks FOR Dry well & trench DATE 1/13/78  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

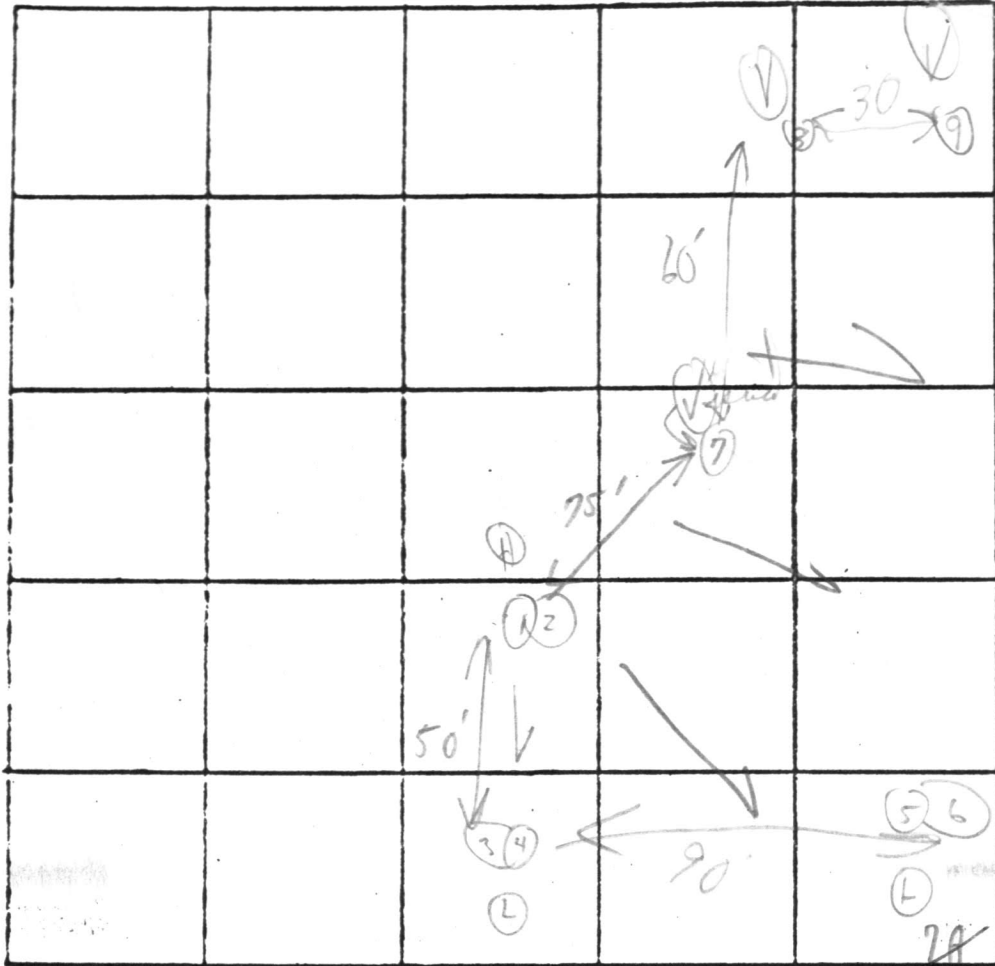
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

BLDG. PERMIT SIGNED  
AND RETURNED 12-29-87

BLDG. PERMIT SIGNED  
AND RETURNED 3/1/77  
checked

BP16150 8/11

# THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Road "A"

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/21/77	1	3 1/2'	4:20	4:25	4:25	4:32	7m
	(H) 2	12 1/2'	4:20	4:29	4:29	4:48	1.9m
	3	4 1/2'	4:22	4:26	4:26	4:31	5m
	(L) 4	13 1/2'	4:22	4:28	4:28	4:55	27m
	5	5' P	4:33	4:39	4:39	4:54	15m
	(L) 6	13'	4:34	4:39	4:39	4:50	11m
	(H) 7	12'					
	(H) 8	12 1/2'					
	(H) 9	12 1/2'					
							5/84

Sandy  
loam  
13 min. per hole

Visual similar to other

14m

REMARKS

Wooded lot

Note holes already dug when excavator used

TYPE OF SOIL

TESTED BY

CBA

ALSO PRESENT:

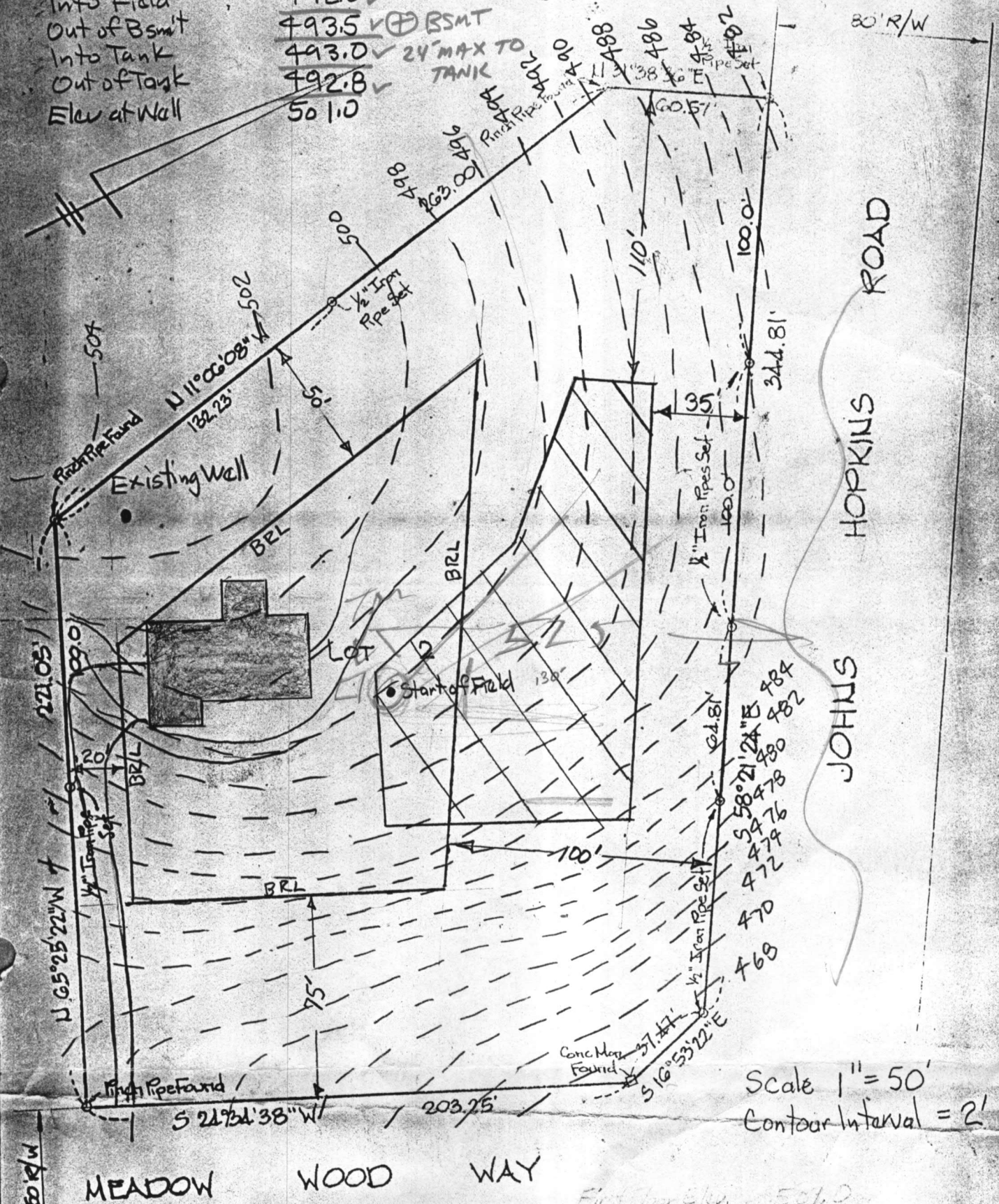
Ketterman

# BOUNDARY SURVEY

Lot 2 "SIMPSON WOODS" Lots 1 thru 17  
 Section 2, Sheet 1 of 1, Recorded Plat 3878  
 5th Election District Howard County, Md.  
 1.773 Acres = 77,236 sq. ft.

First Floor Elev.	503.0 ✓
Bsm't Elev.	494.0 ✓
Ground at Field	496.0 ✓
Into Field	492.0 ✓
Out of Bsm't	493.5 ✓ ⊕ BSMT
Into Tank	493.0 ✓
Out of Tank	492.8 ✓
Elev at Wall	501.0

Note: Sediment Control - Gravel Construction Apron, at Meadow Wood Way. Existing Heavy Vegetation on lot with Minimum Disturbance



Scale 1" = 50'  
 Contour Interval = 2'

12-29-87  
 elevations ok  
 S. Abel

BLDG. PERMIT SIGNED  
 AND RETURNED 12-29-87  
 SP N150  
 SAb

B 1 : 5297 SEQUENCE NO. (DEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-81-0262

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

please print or type

fill in this form completely

Date Received

082983

OWNER INFORMATION

HORNBERG R. JOHN 6368 BARREFOOT BOY COLUMBIA MD 21045

B 3

LOCATION OF WELL

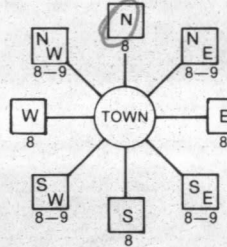
40 WARD 51 mps on woods SECTION 2 LOT 2 FULLTON

DRILLER INFORMATION

Joseph L. Mayne 238 77 License No. 80 Joseph L. Mayne 5512 Ridge Rd. Mt Airy Md. 8/29/83

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Meadow wood way NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



225 DISTANCE FROM ROAD

ENTER FT or MI 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)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A25303 COUNTY NO. OEP SIGNATURE DATE ISSUED 091383 CO SIGNATURE Frank Stein EXP. DATE 3/13/83

APPROXIMATE DEPTH OF WELL 260 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

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 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 DEEPMEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER GAP FORCE FS WRITE INITIALS IN BOX PERMIT NO. 40-81-0262

SPECIAL CONDITIONS

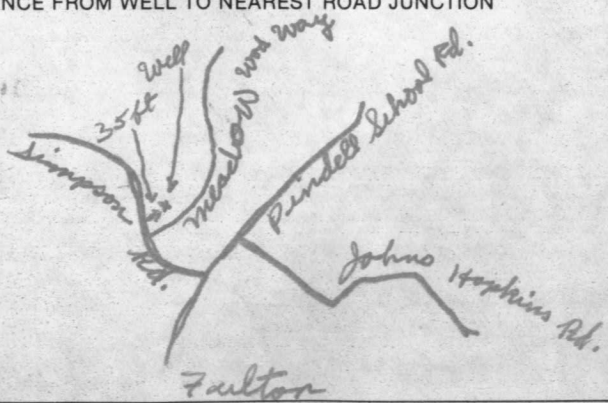
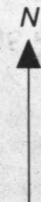
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER 1. WELL 2. 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

8201 4807

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



C1 4446 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER A25303

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 092783

Depth of Well grid: 420

PERMIT NO. grid: 40-81-0262

OWNER: Hornburg John R. last name first name TOWN: Fulton STREET OR RFD: Meadow Wood Way SUBDIVISION: Simpson Woods SECTION: 2 LOT: 2

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: Brown shale (0-40), Sand (40-80), Clay mica rock (80-420)

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 22 NO. OF POUNDS 2068 GALLONS OF WATER 132 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 50 ft.

CASING RECORD casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

MAIN CASING TYPE: ST Nominal diameter top (main) casing (nearest inch): 6 Total depth of main casing (nearest foot): 84

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

SCREEN RECORD screen type or open hole insert appropriate code below: ST (STEEL), BR (BRASS BRONZE), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER)

DEPTH (nearest ft.) grid: 82, 420. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) grid: 4

PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 1 METHOD USED TO MEASURE PUMPING RATE: bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 40 WHEN PUMPING 165 TYPE OF PUMP USED (for test) 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) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

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

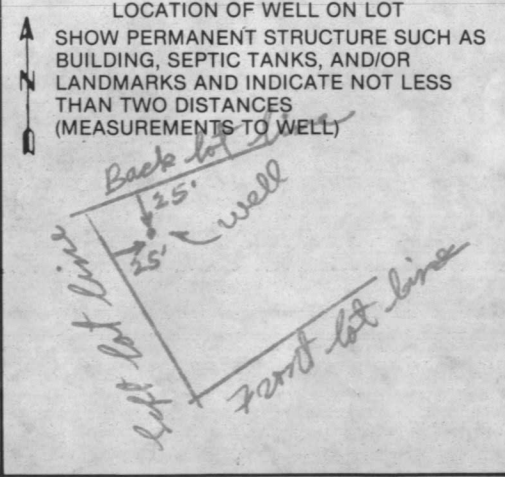
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 238 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

GRAVEL PACK 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.), WQ (OTHER DATA)



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0262  
 Location of property (road) Meadow Wood Way  
 Subdivision Simpson Woods Lot 2 Block      Plat      Sec. 2  
 Well Driller Joseph Mayne Owner John R. Hornburg

Depth of well 420  
 Distance of measuring point (M.P.) above ground 18"  
 Static water level (S.W.L.) below M.P. 40'

I. High rate pumping -- reservoir drawdown

Time pump started 9:15 Pumping rate 10 gal.  
 Total time 30 min. to reach pumping water level 165 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 7 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	95'	6 sec		10 gal.
9:45	165'	6		10
10:00	165'	60		1
10:15	165'	60		1
10:30	165'	60		1
10:45	165'	60		1
11:00	165'	60		1
11:15	165'	60		1
11:30	165'	60		1
11:45	165'	60		1
12:00	165'	60		1
12:15	165'	60		1
12:30	165'	60		1
12:45	165'	60		1
1:00	165'	60		1
1:15	165'	60		1
1:30	165'	60		1
1:45	165'	60		1
2:00	165'	60		1
2:15	165'	60		1
2:30	165'	60		1
2:45	165'	60		1
3:00	165'	60		1
3:15	165'	60		1