

10-14-85
approved
S. Ahl

P 35977
A 29824

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

04-339991

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 4th

INDEXED

DATE 9/13/85

Arnold Septic Tank Service IS PERMITTED TO INSTALL ALTER

ADDRESS Jacobs Road, Mt. Airy, Maryland 21771 PHONE 795-7873

SUBDIVISION Woodcamp Farms ROAD 17501 Woodcamp Road LOT 16, Sec. 1

PROPERTY OWNER Thomas Harris

ADDRESS 7902 Red Barn Way, Elkridge, Maryland 21227 Phone: 796-7870 Work phone: 625-5342

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1,000 GALLONS NUMBER OF BEDROOMS 3

DRY WELL AND TRENCH - 144 sq. ft. sidewall area per bedroom. Dry well inlet maximum to be 3 1/2 ft. below original grade. Effective area starts at 4 ft. below original grade. Dry well bottom to be 9 ft. below original grade. Place the dry well 263 ft. from the back lot line and 112 ft. from the right lot line as seen when facing the lot from Woodcamp Road. Add a ditch off the dry well after a 5 ft. earth buffer. Ditch to be 9 ft. deep with inlet 4 ft. below original grade and 5 ft. of stone. Run the ditch toward the back of the lot along contour lines. Two inspections of ditch necessary.

IF TRENCHES ONLY, THEN 200' PER BEDROOM.

PLANS APPROVED BY Raymond Hodges DATE 11/24/80

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 AND AFTER PLACING GRAVEL IN TRENCH.

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. BLDG. PERMIT SIGNED AND RETURNED 1/24/92 Serial # 40945

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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED. Extension of kitchen family room

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29824

10-14-85
1 PM AND 3 PM

10-14-85
approved
S. And

PERMIT

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MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
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***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

72262

A29824

WOODCAMP FARMS

LOT 16 SECT 1

3 BEDROOMS - 1000 GALLON TANK

4 BEDROOMS - 1250 GALLON TANK

DITCHES

DRY WELL

~~144~~
~~130~~ square foot sidewall area per bedroom. Dry well inlet maximum to be 3 1/2 feet below original ^{off area starts at 4 ft} grade and dry

well bottom to be ~~max~~ 9 feet below original grade. Place the dry well 263

feet from the BACK lot line and 112 feet from the RIGHT lot

line as seen when facing the lot from WOODCAMP road.

ADD A DITCH OFF DW AFTER A 5 FT BUFFER
DITCH TO BE 9 FT DEEP WITH INLET 4 FT BELOW
ORIGINAL GRADE AND 5 FT OF STONE

RUN THE DITCH TOWARD THE BACK OF THE LOT

ALONG CONTOUR LINES TWO INSPECTIONS OF
DITCH NECESSARY,

*Permit
5-14-79*

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29824

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th.

DATE 5/8/79

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 Wayne C. Hough THOMAS HARRIS W. 625-5342
L. 746-7870
ADDRESS 17740 Hardy Road Boender Associates
Mt. Airy, Md. 21771 PHONE 465-7777

PROPERTY LOCATION: 1674
SUBDIVISION Woodcamp Farms LOT NO. 20 Section 1

ROAD AND DESCRIPTION Hardy Road 17501 Woodcamp Rd.

SIZE OF LOT 3 Acres m/1 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.

SIGNATURE OF APPLICANT /s/ Wayne C. Hough

APPROVED BY Raymond Hodger FOR Ditch & Day Well DATE 11/24/80

REJECTED BY _____ FOR _____ DATE B.P. 64258

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/14/79 DIGMORE (slow) RH 5/22/79 Held for
Review with DM He said perc time OK RH Final Plat
OK 11/24/80 RH

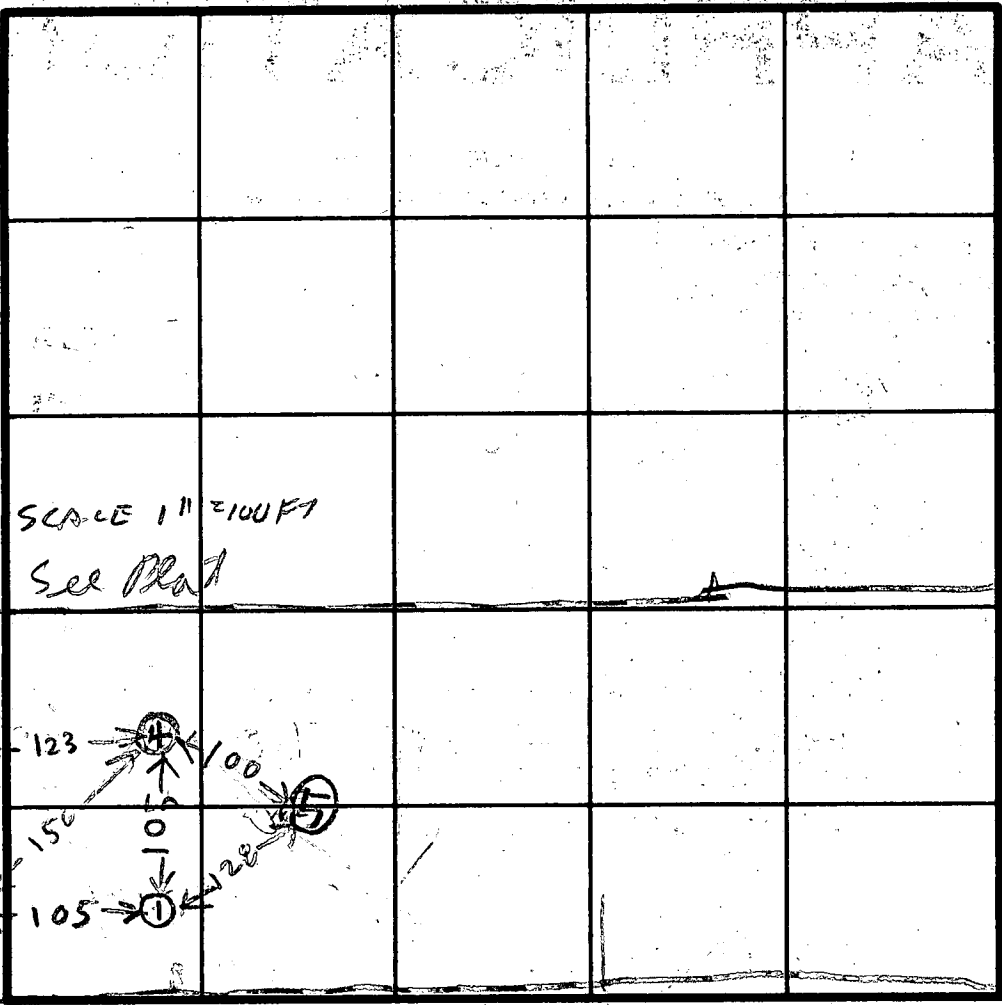
BLDG. PERMIT SIGNED
AND RETURNED 4/22/85

THIS IS NOT A PERMIT

20

16

SOIL PROFILE



SCALE 1" = 100 FT
See Plat

WOOD CAMP RD

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

HARDY RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	HOLE ELEVATION
			START	STOP	START	STOP		
5/14/79	1D	12 1/2	135	144	144	158	14	HIGH
	1S	4	136	140	140	144	4	
	2S	4	142	150	150	158	8	LOW
	2D	13	143	150	150	210	20	
	3D	13	141	215	144	36	FAIL	LOW
	3S	4	142	215	144	36	FAIL	
	4S	4	221	228	228	236	8	HIGH
	4D	13 1/2	222	229	229	243	14	
5/15/79	5S	4	332	337	337	344	7	HIGHEST
	5D	12 1/2	332	340	340	351	11	

REMARKS ①②③④ almost level at time 11 Max Depth 4

TYPE OF SOIL

TESTED BY

at time 11 AM

Max Depth 4 FT

DENNY & GARDNER

ALSO PRESENT WILCOUGH OWNER

B 1 6915

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-81-0932

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

please print or type

fill in this form completely

Date Received

4/2/85 9:30 AM

B 3

LOCATION OF WELL R-35119 40.00

8 13

OWNER INFORMATION

HARRIS THOMAS

7909 Red Barn Way

Elkridge Md 21227

Howard

Woodcamp Park

SECTION 16 LOT

Mt Airy

MILES FROM TOWN (enter 0 if in town) 3 MI

DRILLER INFORMATION

George Eastwood 40 License No. 80

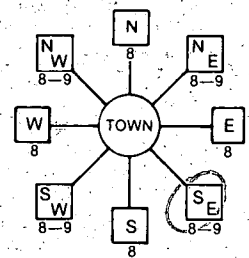
Firm Name John Klin Esterday Inc

Address 9265 Brown Church Rd Mt Airy

Signature George J Esterday Date 3-7-85

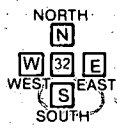
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Hardy NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 150

ENTER FT or MI FT

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 600

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

A 29824

COUNTY NAME COUNTY NO.

OEP SIGNATURE STATE HEALTH INSERT S

DATE ISSUED

032185 J. Stamen 9/21/85

NORTH GRID 550000 EAST GRID 0765000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

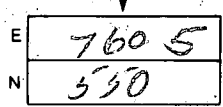
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROtary DRIVE-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

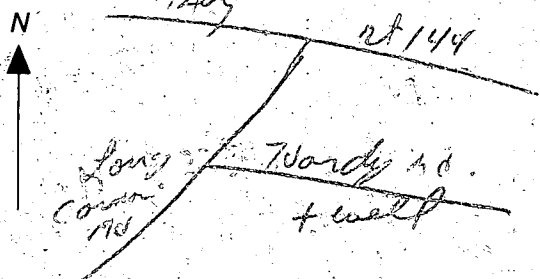
SOURCES OF DRILLING WATER

- 1. WELL

WRITE THE BOX NUMBER FROM THE MAP HERE



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



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 DEEPEM AN EXISTING WELL

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

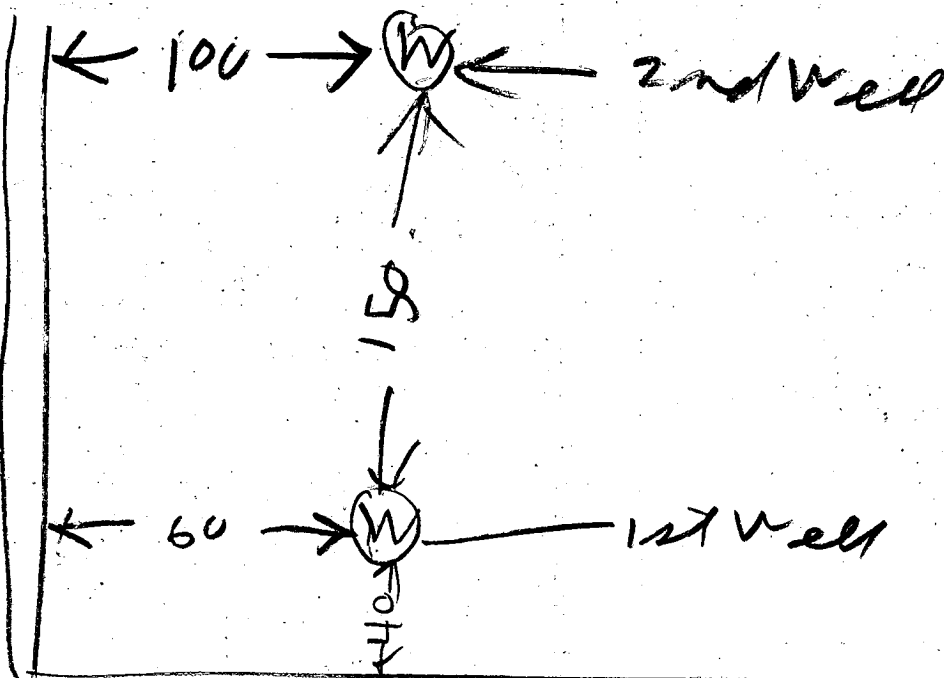
Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE JS WRITE INITIALS IN BOX PERMIT No. HO-81-0932

SPECIAL CONDITIONS

HARDY (R)

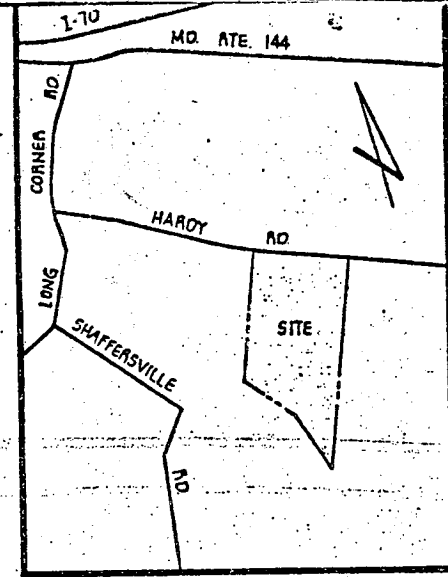
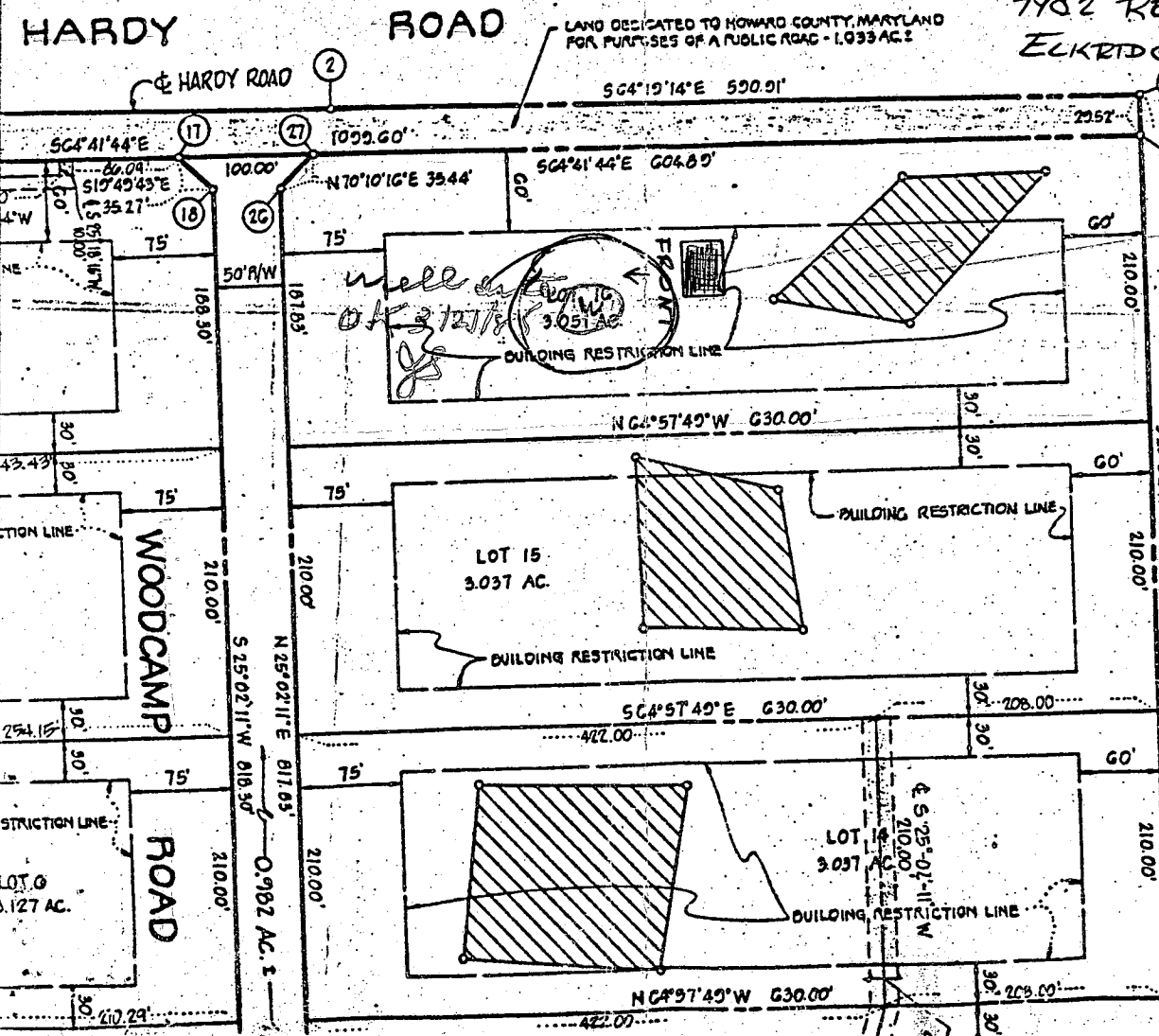


WOOD CAMP

4/20/05 - 11:00 AM ① WELL ALREADY
GROUTED & NO ONE HERE
I NOTICED 6 BAGS ~~OF CEMENT~~
AT SITE; CEMENT STILL WET
② THE 2ND WELL IS ALSO GROUTED
& THE CEMENT IS STILL WET
& THERE ARE 6 EMPTY CEMENT
BAGS
13 HOURS


NO.	RADIUS	LENGTH	TANGENT	Δ	CHORD BEARING & DISTANCE

PLAT FOR:
 THOMAS HARRIS
 7902 RED BARN WAY
 ELKBRIDGE, MD.
 21227



VICINITY MAP
 SCALE: 1" = 2000'

GENERAL NOTES

1. TAX MAP: 7 PART OF PARCEL: 2
2. DEED REFERENCE:
3. COORDINATES SHOWN HEREON ARE BASED ON ASSUMED DATUM.
4. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
5.  THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY

48

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

WELL NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON A2L CARDS

COUNTY NUMBER

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: HARRIS last name, THOMAS first name, STREET OR RFD: Hardy Rd, TOWN, SUBDIVISION, SECTION, LOT 3

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 include Topsoil, Br. Slate, Gray Slate, Br. Slate, Gray slate, Br. slate, Gray slate, Br. slate, Gray slate, Br. slate, Gray slate.

GROUTING RECORD WELL HAS BEEN GROUTED (YES/NO), TYPE OF GROUTING MATERIAL (CEMENT/BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below, MAIN CASING Nominal diameter, Total depth, OTHER CASING (if used) diameter, depth

SCREEN RECORD screen type or open hole insert appropriate code below, DEPTH (nearest ft.)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68, OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T, WQ, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED

PUMP INSTALLED DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE

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)

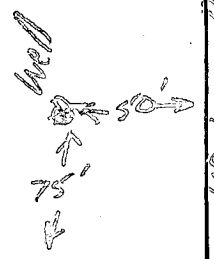
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED, E ELECTRIC LOG OBTAINED, P TEST WELL CONVERTED TO PRODUCTION WELL

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

HEALTH

Hardy Rd



**FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST**

Maryland Well Permit No. HO-81-0932 Election District _____

Location of Property (road) Hardy Rd.

Subdivision Woodcamp Farm Lot 16 Block _____ Plat _____ Sec. _____

Well Driller Eastday Owner Tom Harris

Depth of Well 260'

Distance of Measuring Point (M.P.) above ground 2'

Static Water Level (S.W.L.) below M.P. 36'

I. High Rate Pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 8 GPM
 Total time 30 min to reach pumping water level 95 ft. below M.P.

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

TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill 1 gal. bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per min.)
8:45	95	25 sec		2 1/2
9:00	95	25 sec		2 1/2
9:15	95	25 sec		2 1/2
9:30	97	25 sec		2 1/2
9:45	100	30 sec		2
10:00	100	30 sec		2
10:15	100	30 sec		2
10:30	100	30 sec		2
10:45	100	30 sec		2
11:00	101	30 sec		2
11:15	101	30 sec		2
11:30	102	30 sec		2
11:45	103	30 sec		2
12:00	103	30 sec		2
12:15	104	30 sec		2
12:30	104	30 sec		2
12:45	104	30 sec		2
1:00	105	30 sec		2
1:15	105	30 sec		2
1:30	105	30 sec		2
1:45	105	30 sec		2
✓ 2:00	105	30 sec		2
✓ 2:15	105	30 sec		2
2:30	105	30 sec		2
2:45	"	"		"

WOODCAMP ROAD

DRIVEWAY ENTRANCE

225'

WELL

FRONT

42'

75'

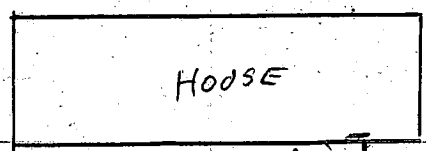
(3) ACRE PARCELS

HARDY ROAD

PLAT PLAN FOR WOODCAMP FARMS

THOMAS HARRIS
7902 RED BARN WAY
EUKRIDGE, MD. 21227

BP # 62458



GRADE 0' INV. -2'8"

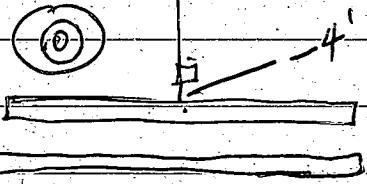
40'

INV. 3'1"

INV. 3'4"

60'

GRADE -1/2'



the pipe gets
into
wall

trench either way
of test hole closest
to house ok, to follow
bed ground ±



Septic tank location ok 75'

⊙ perc. holes

X

o

LOT. 16

1" = 50'

WOOD CAMP FARM

Jean W. Harris
April 22, 1985

W E L L P U M P I N S P E C T I O N

Owner's Name: Thomas Harris
17501 Woodcamp Road

Address:

LOCATION OF PROPERTY: Woodcamp Farms - Lot 16
17501 Woodcamp Road

WELL TAG NUMBER:

81 - 0932

PLUMBER OR CERTIFIED PUMP INSTALLER: Stanely Spurrier

Phone Number:

License Number:

Receipt Number:

Date:

Comments: 10/1/85 Line dug + in place at 4ft below
grade. Patches + pump not installed. JS

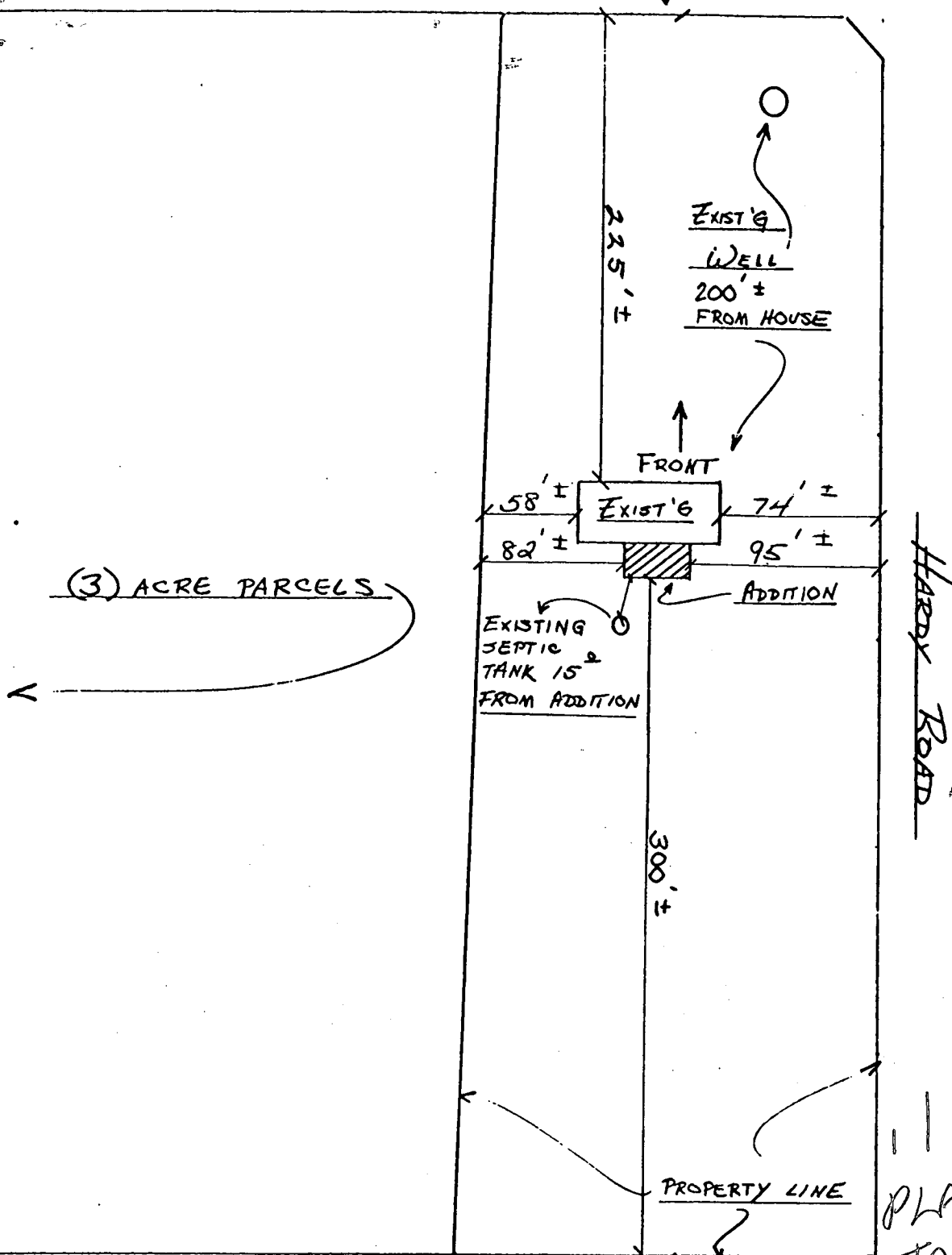
Inspection:

Date Well Pump Inspection Was Approved:

Inspector:

WOODCAMP ROAD

DRIVEWAY ENTRANCE



PLAT PLAN FOR WOODCAMP FARMS

THOMAS HARRIS
17501 WOOD CAMP RD
MT AIRY, MD 21771

11/24/92
PLANS OK
TOSI & N
RH

February 19, 1986

Mr. & Mrs. Harris
17501 Woodcamp Road
Mt. Airy, Maryland 21771

Dear Mr. & Mrs. Harris:

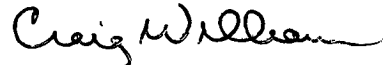
The water sample recently submitted for testing was free of coliform and fecal coliform bacteria at the time of sampling and is bacteriologically safe for drinking.

FINAL CERTIFICATE OF POTABILITY

This certifies that all sampling requirements of COMAR 10.17.13 "Well Regulations" have been met for the water supply system installed under permit(s) HO-81-0932.

February 5, 1986
Date of Final Sampling

February 18, 1985
Date of Acceptance



Craig Williams, Director
Water and Sewerage Program

CW/JS:JR

Date Well Approved: 4/02/85
Date Septic Approved: 10/14/85

Water Sample Dates: 1/09/86
2/08/86