

5/2 7/23
2/2/92

PERMIT

TAX # 05405319

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 48756

A 37026

DISTRICT 5th

DATE 12/15/92

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH
461-9933 313-2640

INDEXED

DATE SYSTEM APPROVED 5/28/93

INSPECTOR C. Bel

Fogel's Septic Service

~~Whitworth Excavating~~

IS PERMITTED TO INSTALL ALTER

ADDRESS ~~12680 Clarksville Pike, Clarksville, Maryland~~ PHONE 854-2513

SUBDIVISION The Chase LOT 30 ROAD 11665 Log Jump Trail

PROPERTY OWNER Susan & Gary Rosenbaum

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 300

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 95 feet down the right (440') lot line and 80 feet in from the right (440') lot line as seen when facing the lot from Log Jump Trail. Run trenches on contour toward the right lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 7/21/92

PLANS APPROVED BY Sid Abel DATE 1/06/87

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 PVC OR ABS

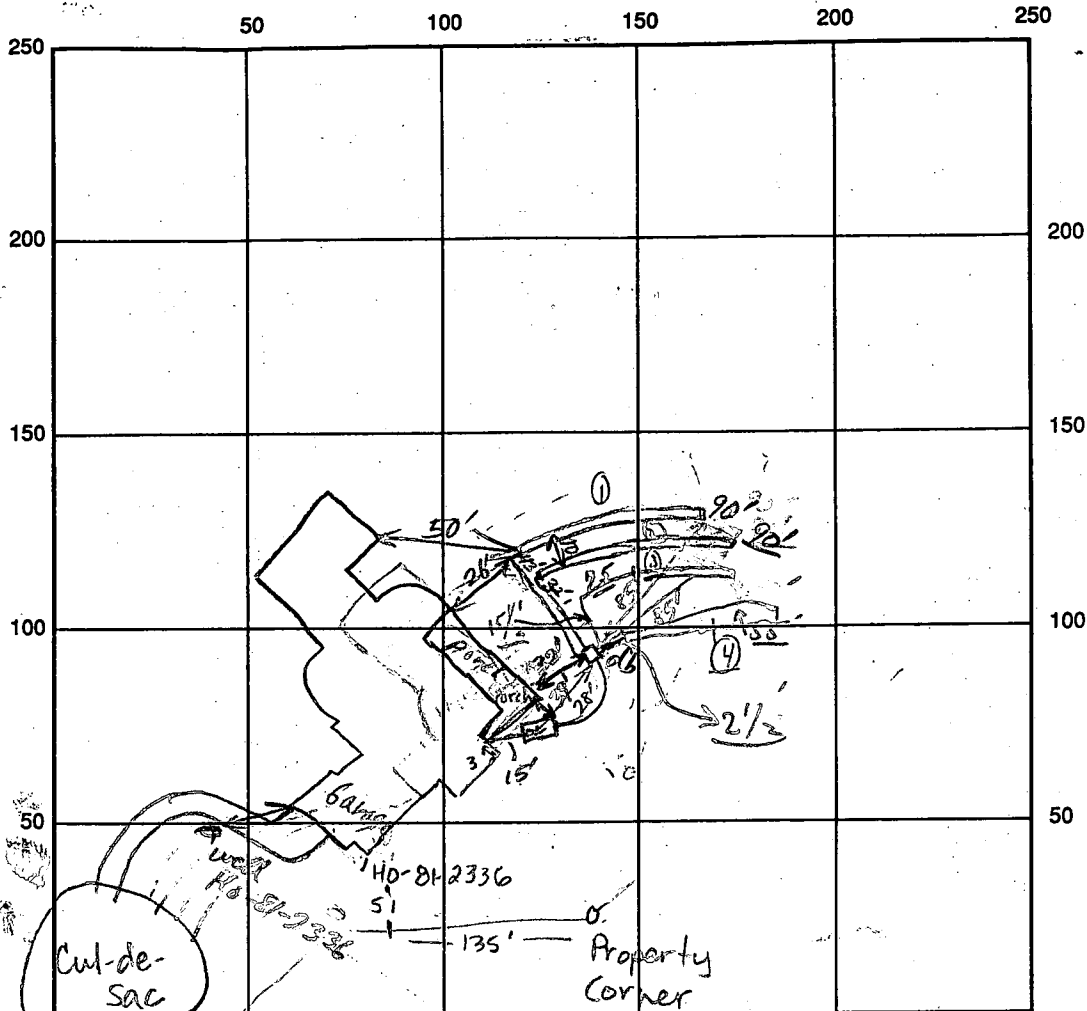
PERMIT VOID AFTER TWO YEARS

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 PVA 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**

A 37026



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 2000 gal CLEANOUTS ST. OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 90/90/25/55 FT. } 310

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 930 + SQ. FT.

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

ABSORBENT AREA 930 SQ. FT.

REMARKS: 5-17-93 Met contractor to locate trenches. JEN 5-18-93 Met builder to confirm house and septic location. JEN 1st 2 trenches OK to cover. RFB 5/27/93

well casing broken & needs replacement, casing has minor dent on top under cap but most of casing is undamaged. 5/28/93 P.M. - Final all done; last 2 trenches were measured. P. Bot. C.B.

5/28 W.P.I. - Final CRd

DATE SYSTEM APPROVED 5/28/93 INSPECTOR Charles Bayne

APPLICATION

PERCOLATION TESTING

A 37025

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5

DATE 5/15/86

*Combined
w/ other
lots
27*

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 Wayback Corporation

ADDRESS P.O. Box 1018, Columbia, MD. 21044 PHONE 997-8800

PROSPECTIVE BUYER NONE

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

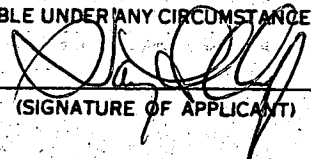
SUBDIVISION The Chase - formerly The Paddock LOT NO. 38 30

ROAD AND DESCRIPTION Homewood Road

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.


(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

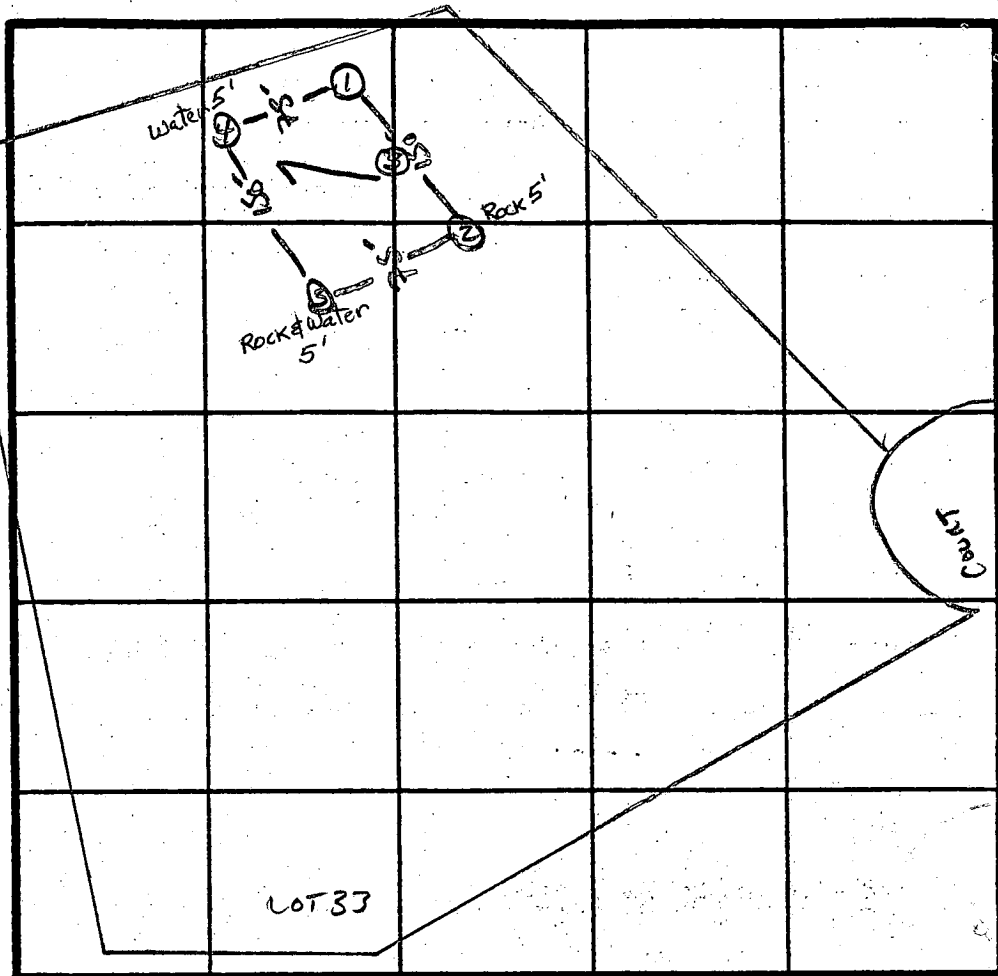
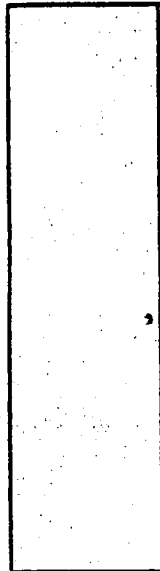
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 7/1/86 Perc UNSATISFACTORY; Redesign. S. Amt.

THIS IS NOT A PERMIT

lot 33

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

↓ Homewood Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/1/66	1 v	uniform soil below 4"					
	2 v	ROCK AT 5"					
	3 v	ROCK AT 5" H ₂ O AT 5"					
	4 v	WATER AT 5"					
	5 v	OK - uniform soil below 4"					

REMARKS 1 H₂LES REL PLAT.

TYPE OF SOIL MAJOR GRAV. LOESS

S. Abel

BOB, TOM, LARRY, PAT

EH-12-1079

APPLICATION

PERCOLATION TESTING

A 37026

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5

DATE 5/15/86

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 Wayback Corporation Susan & Gary Rosenbaum

ADDRESS P.O. Box 1018, Columbia, MD. 21044 PHONE 997-8800 313-7225

PROSPECTIVE BUYER NONE

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION The Chase - formerly The Paddock LOT NO. 27 Prelim. + Final
34 30

ROAD AND DESCRIPTION Homewood Road 11665 Log Jump Trail

TAX MAP 29 PARCEL # 24

SIZE OF LOT 3 acres TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

PERMIT SIGNED
AND RETURNED 6/25/86
Susan # 93013 - SFD
S.F.D. Spudrom

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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY Sichay Abel FOR Shallow tile fields DATE 1-6-87

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 6/24/86 MORE WELLS NEEDED. S.A.M., 7/1/86 PERC SATISFACTORY, HOLD
FOR SUBDIVISION PLAN, SHALLOW SUSP. ONLY. S.A.M.

THIS IS NOT A PERMIT

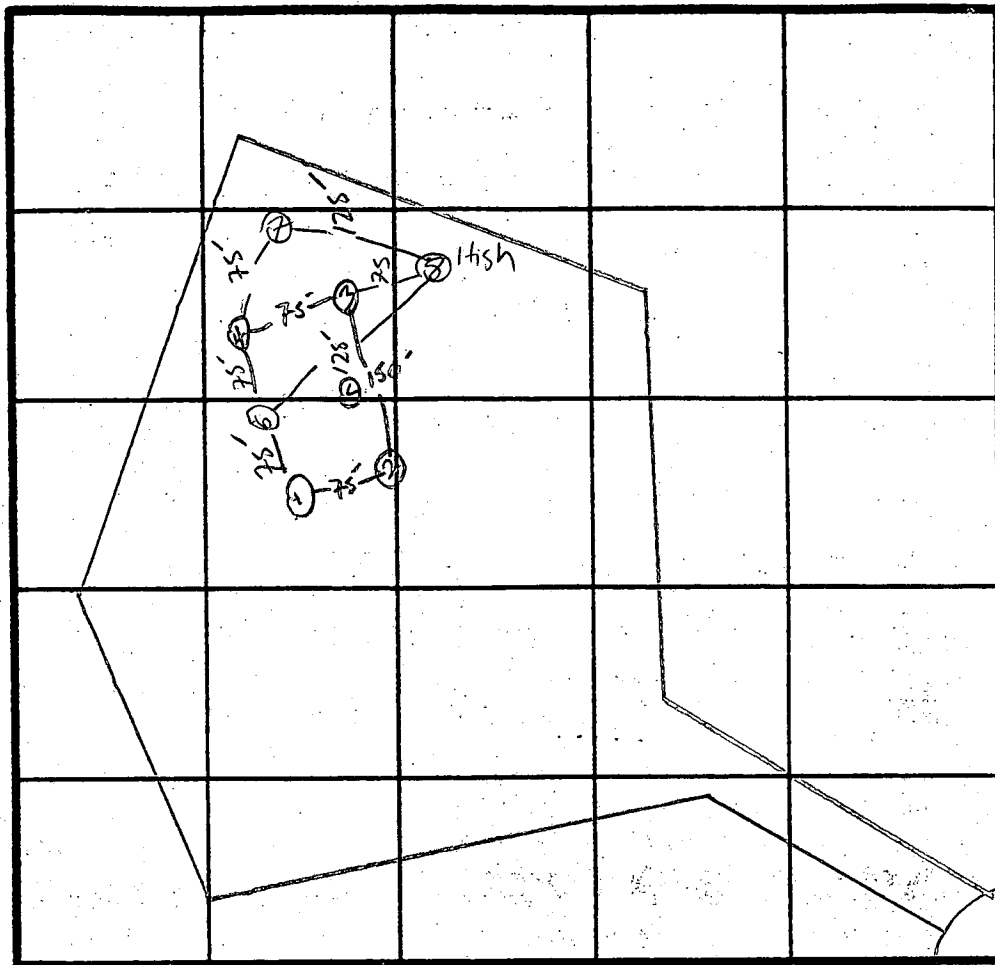
③ ④
⑧ ⑨ ⑩

SOIL PROFILE

4"
3'
12-13'

A-3
STONN-BR
SAND LOAM
<10% FRAG
<9% CLAY

BROWN
SAND LOAM
<10%
FRAGMENTS



7 PERC
2 MIN
INLET
3.5'
BOTTOM
5.0'
180φ BR

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6/24/86	1v	ROCK AT 9'					
	2v	ROCK AT 9'					
	5v	ROCK AT 8'					
7/1/86	3v	12' uniform soil below 3.5'					
	4v	12' uniform soil below 4'					
	5s	4.5	11:02	11:03	11:03	11:06	3min
	6v	12	SAME AS HOLE #8				
	7s	3.5'	11:08	11:09	11:09	11:11	2min
	7v	13'	SAME AS hole #8				
	8s	4'	10:57	10:58	10:58	10:59	1min
	8m	9'	10:57	10:58	10:58	10:59	1min
	8v	13'	uniform soil below 4'				

REMARKS LINES 1-5 AS PER PLAT

TYPE OF SOIL SANDY LOAM

S. Abel

Jeff. Mat, Rob, Woods

MATCH LINE - SEE SHEET 7 OF 7

33

E 82° 30' 00" W
N 51° 50' 00" E

LOG JUMP
R=415.00'

29
153 273 ϕ OF
3.5187 AC.

MD. GRID NORTH

32

R=25.00'
A=31.81'

A=150.96'
R=50.00'

E 507° 00' 00" E - 125.00'
20' Drainage & Utility Esm't. 60' B.R.L.

NO 8 12336
10/5/87

N 39° 19' 35" W - 213.61'
30' B.R.L.

88

N 12° 59' 41" E
333.54'

30' B.R.L.

E 54° 00' 00" E - 132.32'

30
261,769 ϕ OF
6.0094 AC.

319.8

B.R.L. N 83° 25' 05" E
130.86'

600.65'

60' B.R.L.

20
212 293 ϕ OF
4.8736 AC.

447.32'

30' B.R.L.

B.R.L. N 18° 59' 48" W

322.57'

319.8

510° 47' 03" E

319.9

52° 12' E

70.5'

N 30° 10' 29" W

260.00'

610.00'

N 45° 01' 00" W
361.77'

N 21° 24' 47" E
161.92'

319.3

319.3

85.55'

319.3

100 Yr. Flood Plain, Drainage & Utility Easement.
3.2316 AC.

350.00'

S 31° 10' 06" W

B.R.L. N 50° 19' 56" E

266.32'

320.1

320.1

86

N 32° 07' 30" E

520.2

S 32° 07' 30" E

PHIL

B 1 5363

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

10-81-2330

please print or type

fill in this form completely

Date Received

090287

OWNER INFORMATION

Howard Est Dovel Col

DOB 1018

Columbia Md 21049

B 3

LOCATION OF WELL

Howard

The Chase

SECTION LOT 30

Clewell

MILES FROM TOWN 3 MI

DRILLER INFORMATION

George F. Easterday, XBRX

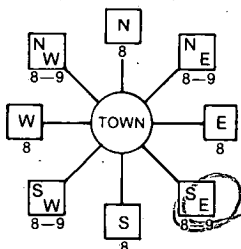
L. Franklin Easterday, Inc.

9265 Br. Ch. Rd., Mt. Airy, Md. 21771

Signature: George F. Easterday Date: 6/15/87

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



106 JUMP TO RAIL

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD

ENTER FT or MI 17

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)

- 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

37026

DATE ISSUED 100587

CO SIGNATURE B Nulton EXP. DATE 04/05/88

APPROXIMATE DEPTH OF WELL 200 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

REPLACEMENT OR DEEPEINED 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 deepen an existing well

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

APPROP. PERMIT NUMBER GAP

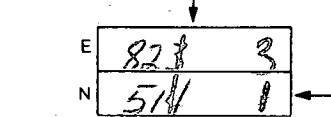
FORCE INITIALS PERMIT NO. 10-81-2330

SPECIAL CONDITIONS

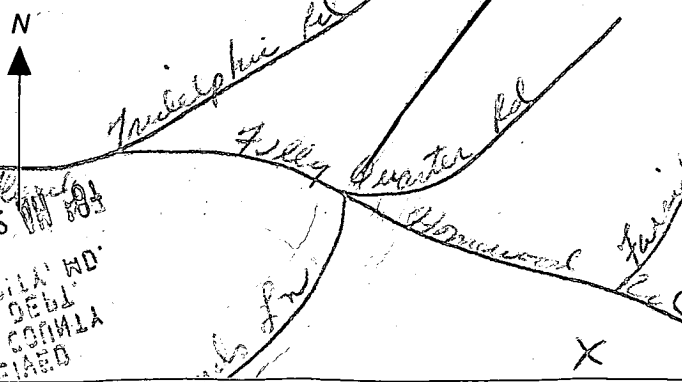
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

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



C1 1939 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 COLUMNS 3-6 ON ALL CARDS)

COUNTY NUMBER A-37026

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received grid

DATE WELL COMPLETED 100887

Depth of Well 160 (TO NEAREST FOOT)

PERMIT NO. 40-81-2336

OWNER HOWARD ESTAR Development last name first name STREET OR RFD LOG JUMP TRAIL TOWN SUBDIVISION THE CHASE SECTION LOT 30

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 Top Soil, B1 Shale, Gray Mica, B1 Mica, Gray Mica, openings, gray mica, Sand Stone, gray mica.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 7 NO. OF POUNDS 700 GALLONS OF WATER 45 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 18 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) ST 6 20

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

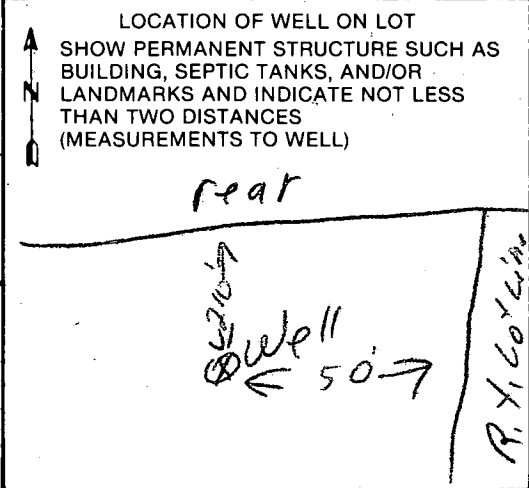
DEPTH (nearest ft.) HO 18 160 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE Bucher WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 26 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) (+) above LAND SURFACE (-) below (nearest foot)



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

