

FAB 2PM 12/8/87 1130PM

Meals Council on

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 40255

A 31825

DISTRICT 5th

DATE 10/13/87

DATE SYSTEM APPROVED 5/12/88

INSPECTOR C. Williams

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED
05-392489

Paul Schissler IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salembottom Road, Westminster, Maryland PHONE 531-2166

SUBDIVISION Dorothy E. Hungerford ROAD 519Z Green Bridge Rd LOT 3

PROPERTY OWNER Mike Sikora

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 - 160 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 8.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Place the distribution box 240 feet from the front lot line and ⁴⁰40 feet from the left lot line as seen when facing the lot from 50 ft common right-of-way. Run trenches on contour toward right lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. O/SK

PLANS APPROVED BY S. Abel DATE 5/26/87

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.

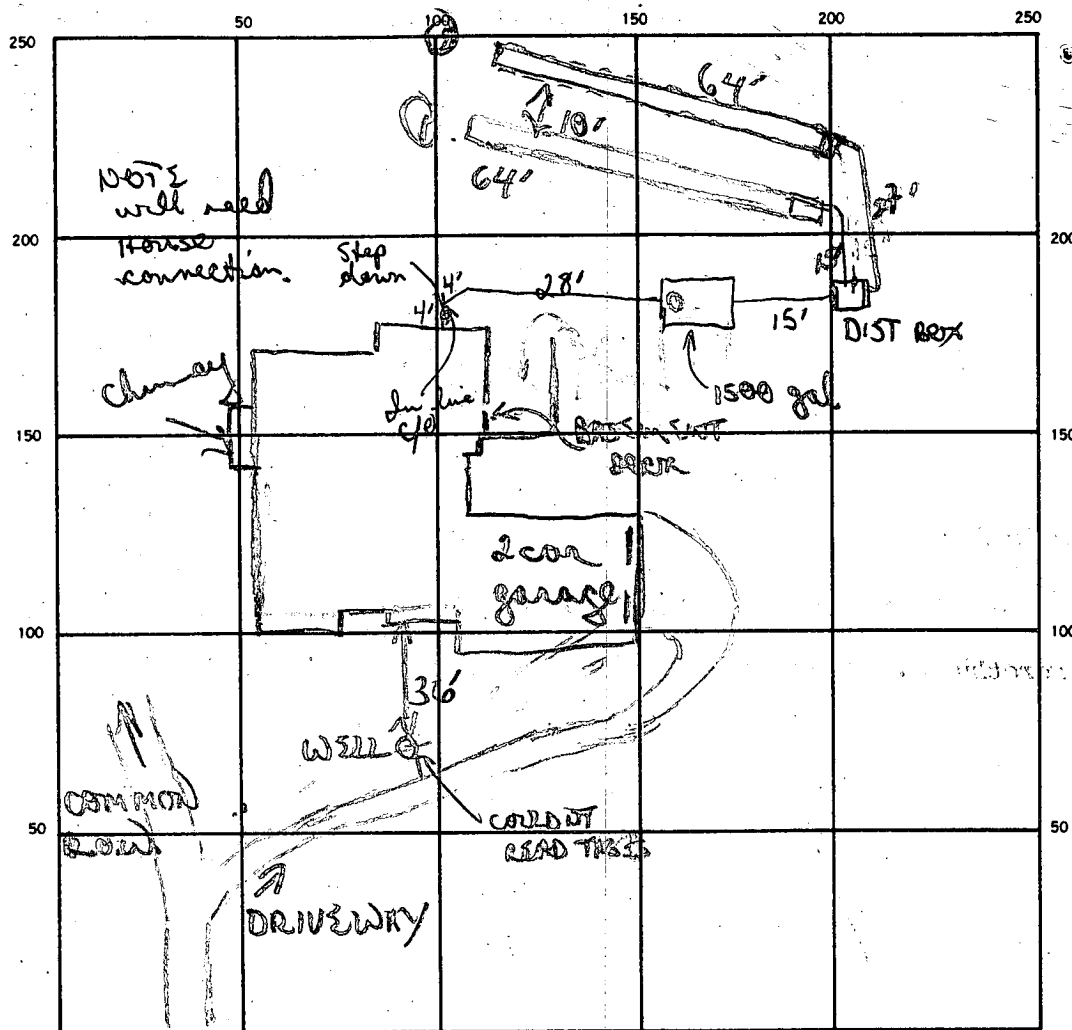
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 31825



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE

GREEN BRIDGE RD

✓ cond ✓ no final

160
4
1640
128
53680
5
14
10
70
64

SEPTIC TANK LEVEL 1500 gal CLEANOUTS 1 In line, 1 SOT

DISTRIBUTION BOX LEVEL w/ baffle

DRAIN FIELD/TILE FIELD DEPTH 8 1/2 8 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 5' 5' FT. TOTAL LENGTH 64' 64' FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 320 + 320 SQ. FT.

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

ABSORBENT AREA 640 SQ. FT.

REMARKS 12/3/87 OK to finish stoning trench #1 + partial cover
OK to start trench #2. OK to install all lines.
12/7/87 OK to cover trench #1. OK to cover line from house to
tank; tank to dist box. House connection NOT made
12/8/87 OK to finish stoning trench #2. OK to cover trench
#2 + all other work. 5/12/88 CONNECTION CONFIRMED BY CONTRACTOR -
PASCAL RENN - WITNESS 60.

DATE SYSTEM APPROVED 5/12/88 INSPECTOR C. Williams

for

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A. 31825

P. _____

DISTRICT 5TH

DATE 3-5-82

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 DOROTHY E. HUNGERFORD

ADDRESS 5152 GREEN BRIDGE RD. PHONE 531-6743

PROPERTY LOCATION:

SUBDIVISION PROPERTY OF DOROTHY E. HUNGERFORD LOT NO. 3

ROAD AND DESCRIPTION 3600' SOUTH ON GREEN BRIDGE RD. FROM
INTERSECTION OF TEN OAKS & HOWARD ROADS

SIZE OF LOT 3.8 ACRES TYPE BLDG. SINGLE FAMILY
(NUMBER OF 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. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

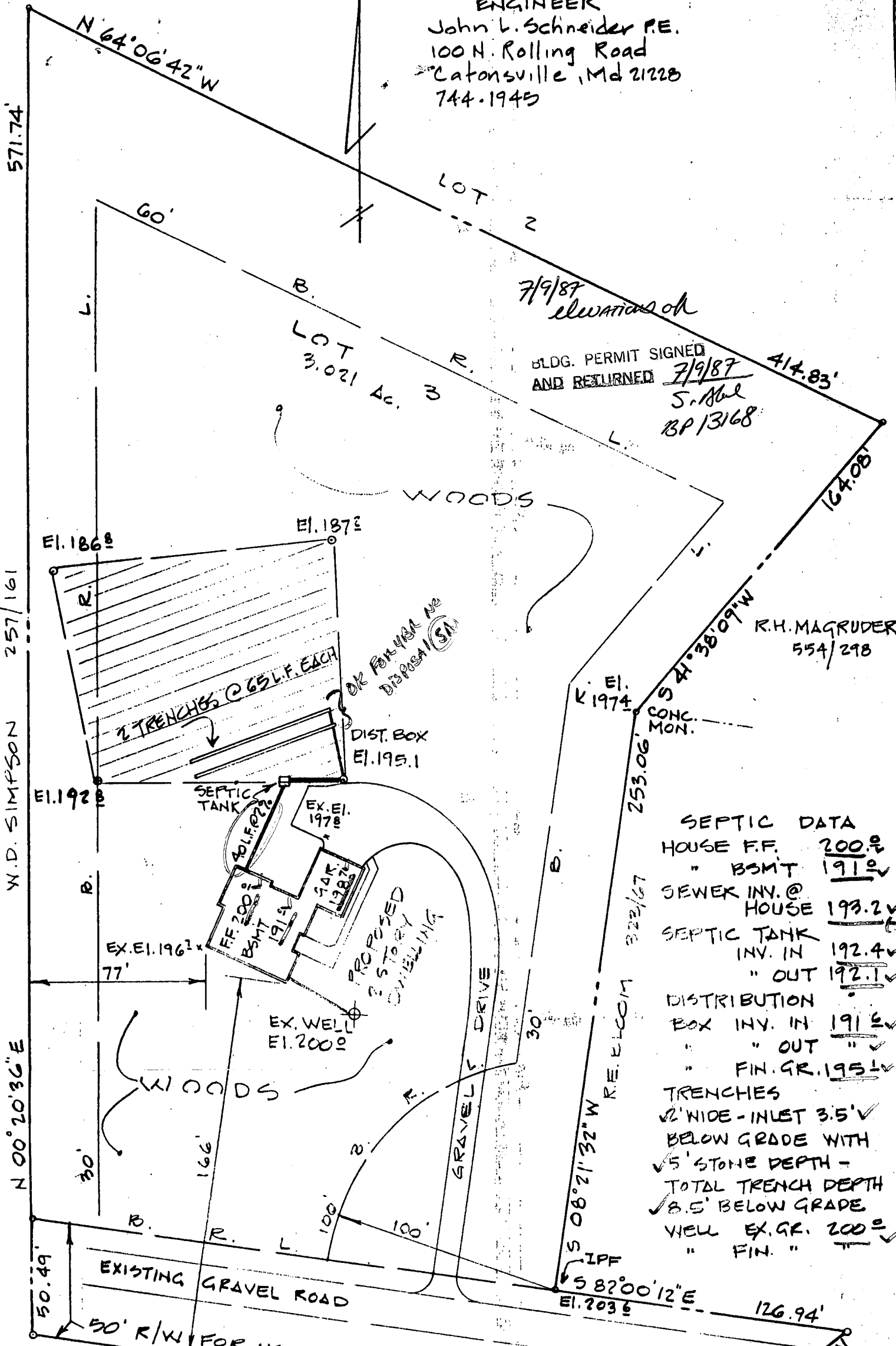
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

ENGINEER
 John L. Schneider P.E.
 100 N. Rolling Road
 Catonsville, Md 21228
 744.1945



7/9/87 elevations ok
 BLDG. PERMIT SIGNED
 AND RETURNED 7/9/87
 S. Abel
 BP/3168

R.H. MAGRUDER
 554/298

SEPTIC DATA

HOUSE F.F.	200.0
" BSMT	191.0
SEWER INV. @ HOUSE	193.2
SEPTIC TANK INV. IN	192.4
" OUT	192.1
DISTRIBUTION BOX INV. IN	191.5
" " OUT	"
" FIN. GR.	195.0
TRENCHES	
12" WIDE - INLET 3.5'	
BELOW GRADE WITH	
5' STONE DEPTH -	
TOTAL TRENCH DEPTH	
8.5' BELOW GRADE	
WELL EX. GR.	200.0
" FIN. "	"

GRADING STUDY

LOT 3 "DOROTHY HUNGERFORD" SUBDIV.
 5TH ELECTION DISTRICT - HOWARD COUNTY - MD.
 TAX MAP 28 PARCEL 102

SCALE 1" = 50'

MAY 26, 1987

571.74'

257/161

W.D. SIMPSON

N 00° 20' 36" E

50.49'

EI. 1974

322/67

R.E. ELCOM

S 08° 21' 32" W

EI. 203.6

S 82° 00' 12" E

126.94'

N 51° 34' 00" W
 69.45'

GREEN BRIDGE RD.

B 1 2349 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

HO-73-4294

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

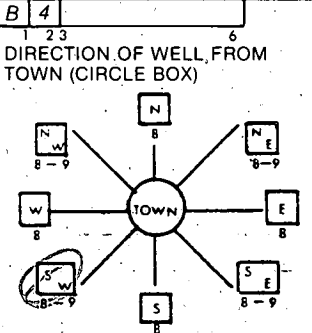
please print or type

fill in this form completely

Date Received 11/15/82 9:30 AM 10/19/82 (OEP Use Only) OWNER INFORMATION KIMMEL JEFFREY 112792 LINDEN CHURCH RD. CLARKSVILLE MD 21029

LOCATION OF WELL COUNTY Howard SUBDIVISION Crothy Hungerford SECTION 23 LOT 3 NEAREST TOWN Dayton MILES FROM TOWN 1

DRILLER INFORMATION Joseph L. Magna 238 77 License No. 80 Firm Name Joseph L. Magna 551 1/2 Bridge Rd. Mt Airy Md. Signature Joseph L. Magna Date



Dream Bridge Rd. NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH DISTANCE FROM ROAD 335

WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 700

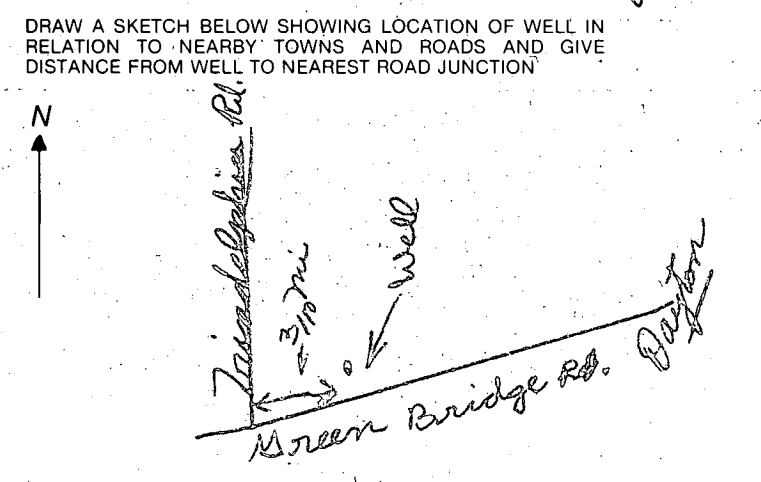
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE 8000 5007 11/15/82 JS

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)

APPROXIMATE DEPTH OF WELL 200 FEET APPROXIMATE DIAMETER OF WELL 6 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

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)



Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE INITIALS IN BOX PERMIT No. HO-73-4294

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. 83725 OEP SIGNATURE DATE ISSUED 11/01/82 CO SIGNATURE Frank Shuman STATE HEALTH CIRCLE BOX EAST GRID 0800 EXPIRES 05/01/83

SPECIAL CONDITIONS 8-63

Date Received (OEP use only) _____ DATE WELL COMPLETED **11/15/82** Depth of Well **320** PERMIT NO. FROM "PERMIT TO DRILL WELL" **H0-73-4294**
 (TO NEAREST FOOT)

OWNER **Kimmel Jeffrey** last name first name
 STREET OR RFD **Green Bridge Road** TOWN **Dayton**
 SUBDIVISION **Dorothy Hungerford property** SECTION _____ LOT **3**

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	
Brown Shale	0	10	
Sand	10	56	
Gray Micaceous rock	56	320	<input checked="" type="checkbox"/>

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT: **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **15** NO. OF BOUNDS **1/10**
 GALLONS OF WATER **10**
 DEPTH OF GROUT SEAL (to nearest foot) from **0** ft. to **55** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST **CO**
 STEEL CONCRETE
 PL **OT**
 PLASTIC OTHER
 MAIN CASING TYPE Nominal diameter top(main)casing (nearest inch) Total depth of main casing (nearest foot)
 ST **6** **61**

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST **BR** **HO**
 STEEL BRASS OPEN HOLE
 PL **OT**
 PLASTIC OTHER

C 2 (seq. no.)
A-H DEPTH (nearest ft.) **50** **320**

- CIRCLE APPROPRIATE BOX
- 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. **238**
Joseph L. Morgan
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

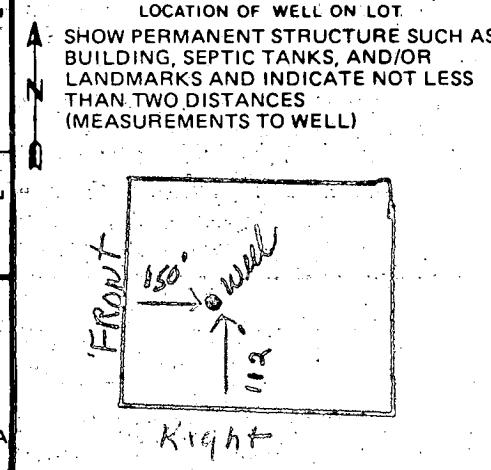
SLOT SIZE _____
 DIAMETER OF SCREEN (NEAREST INCH) _____
 from _____ to _____

GRAVEL-PACK _____
 IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX **F**

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) **WQ**
 70 **72** **74** **75** **76**
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq. no.)
PUMPING TEST
 HOURS PUMPED (nearest hour) **6**
 PUMPING RATE (gal. per min. to nearest gal.) **3**
 METHOD USED TO MEASURE PUMPING RATE **Submersible**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **38** WHEN PUMPING **95**
 TYPE OF PUMP USED (for test) **A** air **P** piston **T** turbine **C** centrifugal **R** rotary **O** other (describe below) **S** submersible **J** jet

PUMP INSTALLED YES **Y** NO **N**
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) **29**
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
 CASING HEIGHT (circle appropriate box, and enter casing height) **F** above LAND SURFACE below (nearest foot) _____



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4294
 Location of property (road) Green Bridge Rd.
 Subdivision Dorothy Hungerford prop. Lot 3 Block — Plat — Sec. —
 Well Driller Joseph L. Mayne Owner Jeffrey Kimmel

Depth of well 320
 Distance of measuring point (M.P.) above ground 1
 Static water level (S.W.L.) below M.P. 38

I. High rate pumping -- reservoir drawdown
 Time pump started 9:00 Pumping rate 10
 Total time 30 to reach pumping water level 125 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 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:00	38	30 sec.		10
9:15	85	30 sec		10
9:30	125	30 sec		10
9:45	125	100 sec		3
10:00	100	100 sec		3
10:15	100	75 sec		4
10:30	95	75 sec		4
10:45	95	75 sec		4
11:00	93	75 sec		4
11:15	95	100 sec		3
11:30	95	100 sec		3
11:45	95	100 sec		3
12:00	95	100 sec		3
12:15	95	100 sec		3
12:30	95	100 sec		3
12:45	95	100 sec		3
1:00	95	100 sec		3
1:15	95	100 sec		3
1:30	95	100 sec		3
1:45	95	100 sec		3
2:00	95	100 sec		3
2:15	95	100 sec		
2:30	95			
2:45	95			
3:00	95			