

7/7/83
10:30 a.m. 11:00

approved
3-7-83
C. Williams

#6/83
After trench

PERMIT

P 32877
A 29601

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

04-332342
INDEX

ELLICOTT CITY
DISTRICT 4th
DATE 6/20/83

Paul Schissler - South Carroll Backhoe Service IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 7311 Brangles Road, Marriottsville, Md. 21104 PHONE 795-2642

SUBDIVISION Middle Trail ROAD 16377 Old Frederick Road LOT 17

PROPERTY OWNER Scott and Sandra Keeton

ADDRESS 10989 Swansfield Road, Columbia, Md. 21044 Phone: 596-6403

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 3

TRENCH SYSTEM - To have 158 sq. ft. effective bottom area per bedroom. Inlet at trench to be 2 ft. below original grade. Use a distribution box to connect trenches to septic tank. No trench may exceed 100 ft. in length. Start the first trench 10 feet from the right (822.24 long lot line) lot line and 185 ft. from the front (1293.57 ft. long) lot line. Continue to dig the trench on level ground the necessary ~~XXXXXX~~ distance. Place parallel trenches 9 ft. apart. Maximum depth of bottom of trench is 4 ft. below original grade. Maintain at least 75 ft. from water well to trenches. Maintain minimum 20 feet to house foundation to trenches.

PLANS APPROVED BY Frank A. Skinner DATE 3/28/83

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.

PERMIT VOID AFTER THREE YEARS.

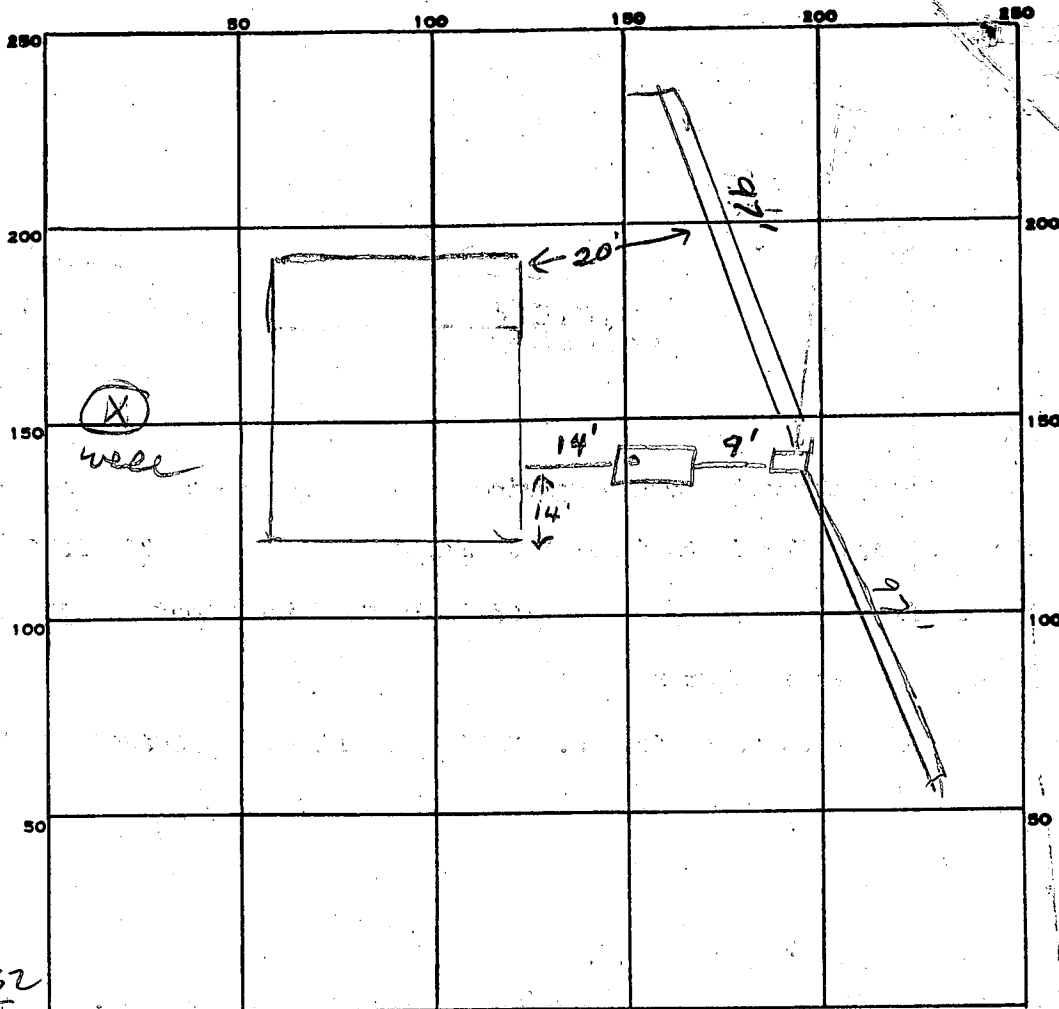
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A29601



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

unnamed road

4
 ✓
 124
 205

 970 162
 388 485

PERMIT CARD

SEPTIC TANK, LEVEL

✓ 1000 gal CLEANOUTS ST

DISTRIBUTION BOX, LEVEL

✓

TILE FIELD, DEPTH

3 1/2 FT. TRENCH WIDTH 2 1/2 FT.

GRAVEL DEPTH

18 IN. TOTAL LENGTH 2 x 97 = 194 FT. x 2 1/2" wide

NUMBER OF TRENCHES

2 TOTAL BOTTOM AREA 485

SEEPAGE PITS, INSIDE DIAMETER

FT. DEPTH BELOW INLET

ABSORBENT AREA

SQ. FT.

REMARKS

work OK JS

DATE SYSTEM APPROVED

7-7-83

INSPECTOR

Challinor

APPLICATION

A 29601

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

3 B.R. 1000 gallon septic tank
4 B.R. 1250 " " "

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 4th

DATE 3/20/79

Trench system to have 158 SQ FT effective bottom area per bedroom. Inlet at trench to be 2 ft. below original grade. Use a distribution box to connect trenches to septic tank. No trench may exceed 100 ft. in length. Start the first trench 10 feet from the right (822.24 long lot line) lot line and 18.5 feet from the front (1293.57 ft. long) lot line. Continue to dig the trench on level ground the

TO: THE COUNTY HEALTH OFFICER necessary distance. Place parallel trenches 9 ft. apart. Maximum depth of bottom of trench is 4 feet below original grade. Maintain at least 75 feet from water well. For trenches maintain minimum 20 feet to house foundation to trenches

PROPERTY OWNER ~~Howard Associates - Mr. Joel Abramson~~ Scott & Sandra Keeton

ADDRESS Suite 118, Teachers Bldg., Columbia, Md. 21044 PHONE Carl Hudgins - 321-0307

10989 Swanfield Road, Columbia, Md. 21044 596-6403

SUBDIVISION (Middle Trail) LOT NO. 17

ROAD AND DESCRIPTION 16377 Old Frederick Road - Lisbon, Md.

3 acres m/1 (?) SIZE OF LOT 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/ Carl Hudgins for Joel Abramson BLDG. PERMIT SIGNED AND RETURNED 4/21/83 Serial No. 53385

APPROVED BY F. Sherrin FOR Swanfield DATE 3/20/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

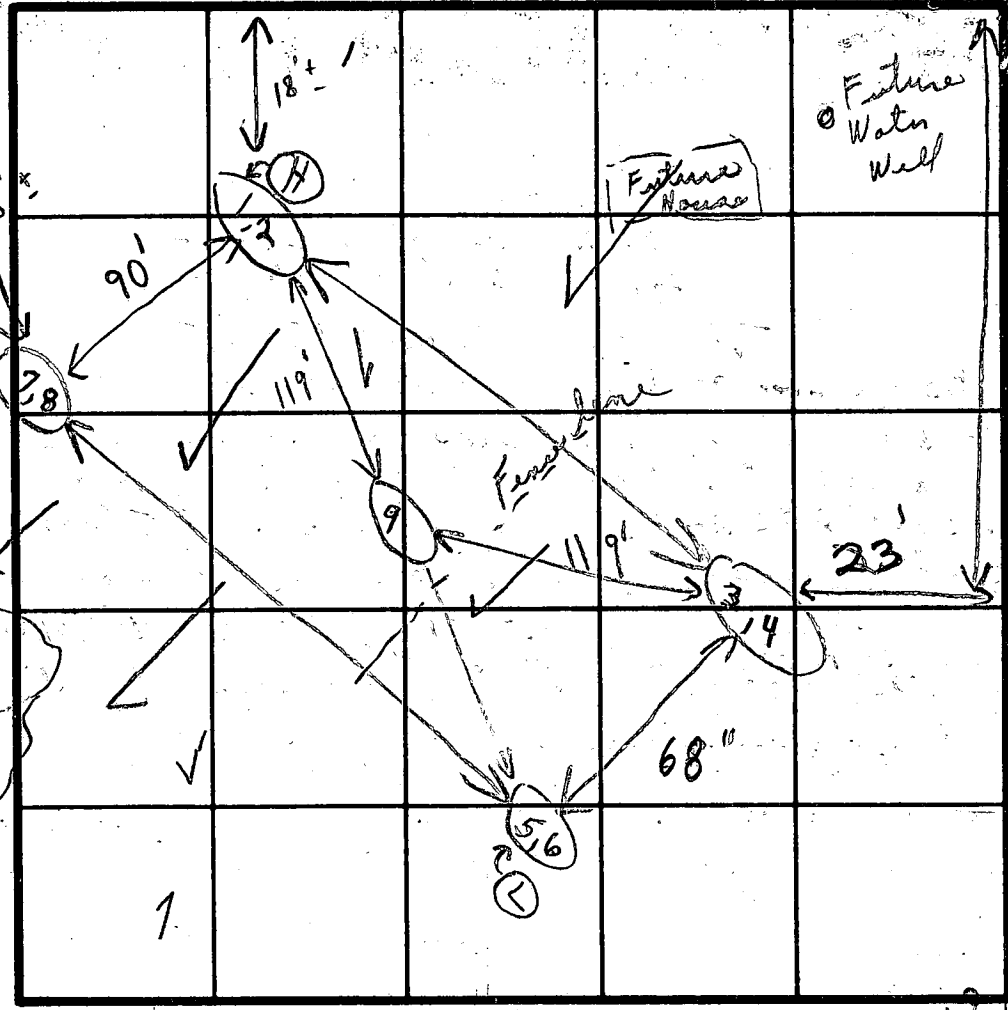
REASONS FOR REJECTION OR HOLDING 3/28/79 5 acres in #18 as of this date. c. ped.

THIS IS NOT A PERMIT

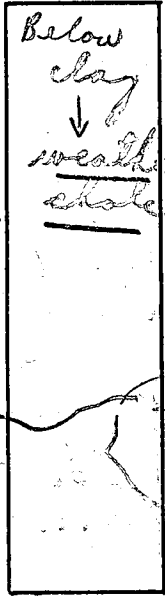
17

822

17 24 pm date
Field sheet



SOIL PROFILE



133'

1293'

2 in let
to trenches
100' fanned
trenches

A29601

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
3/28/79	1	2'	10:49	10:51	10:51	10:52	1 1/2 min	
	2	7'	10:49	10:50	10:50	10:51	1 min	
	3	2'	10:38	10:40	10:40	10:42	2 min	
	4	7'	10:38	10:39	10:39	10:41	2 min	
	5	2'	10:45	10:53	10:53	11:01	8 min	
	6	7-3 3/4'	10:45	10:53	10:53	11:00	8 min	
	7	2'	10:56	10:57	10:57	10:58	1 min	
	8	7 1/2'	10:55	10:57	10:57	10:59	2 min	
	9	11'	Visual similar to other					

1014

To Fuchsich
Koop

REMARKS: 1 = 5 acres parcel
Holes in open field - after tests measured lot
shallow tests - waited for hot leads
to be put in
Mr. Hudgens

TESTED BY: C. B. A.

ALSO PRESENT: Mr. Allen

Hold for overlay of adjacent

Date Received (WRA use only) **7/8/81** DATE WELL COMPLETED **7/8/81** Depth of Well **200** PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-73-3888**
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS) 8-13 15 20 22 (TO NEAREST FOOT) 26 28 29 30 31 32 33 34 35 36 37

OWNER **Keeton Scott** last name first name
 STREET OR RD **Old Fredrick Road** TOWN **Poplar Springs**
 SUBDIVISION **Middle Trail (How. Ass.)** SECTION **135** LOT **17**

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	
Topsoil	0	2	
Shaley	2	40	
Gravel	40	45	✓
Shaley	45	48	
Brown shale	48	73	✓
Blue slate	73	79	
Brown slate	79	88	
Blue slate	88	133	
Flint	133	140	✓
Blue slate	140	200	

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **13** NO. OF POUNDS **1300**
 GALLONS OF WATER **65**
 DEPTH OF GROUT SEAL (to nearest foot) from **0** ft. to **50** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER
 MAIN CASING TYPE Nominal diameter top/main casing (nearest inch) Total depth of main casing (nearest foot)
ST **6** **63**

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

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

DEPTH (nearest ft.) **HO** **61** **200**
 EACH SCREEN

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

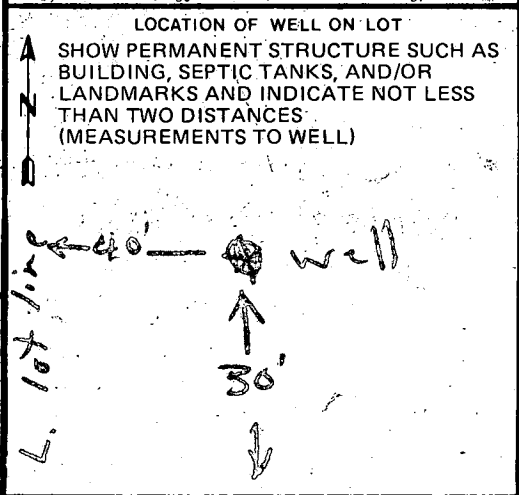
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.
 DRILLERS IDENT NO. **40**
 DRILLERS SIGNATURE **Wesley R. Blaylock**
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE **2** **3**
 DIAMETER OF SCREEN (NEAREST INCH) from to

GRAVEL PACK
 IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX **F**
 WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) **WQ**
70 **72** **74** **75** **76**
 TELESCOPE LOG OTHER DATA
 CASING INDICATOR

C 3 (seq no)
 PUMPING TEST
 HOURS PUMPED (nearest hour) **4**
 PUMPING RATE (gal. per min. to nearest gal.) **10**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **30** WHEN PUMPING **200**
 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 YES NO
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) **Y** **N**
 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) **31** **35**
 PUMP HORSE-POWER **37** **41**
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**
 CASING HEIGHT (Circle appropriate box and enter casing height) **+** above **-** below **12** (nearest foot)



B 1 7116

SEQUENCE NO. WRA USE ONLY

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

HO-73-3888

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

please print or type

fill in this form completely

DATE RECEIVED 4/13/81

7/8/81 9:30 A.M. OWNER INFORMATION

Keeton Scott LAST NAME OWNER FIRST NAME

10989 Swansfield Rd STREET OR RFD

Columbia md 21044 TOWN STATE ZIP

B 3 LOCATION OF WELL

COUNTY Howard

SUBDIVISION MIDDLE TRAIL FARM

SECTION 17 LOT 17

NEAREST TOWN POPLAR SPRINGS

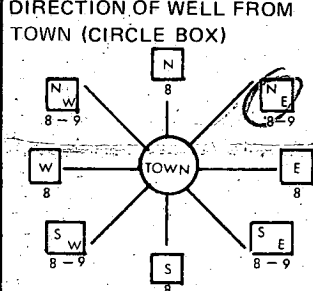
MILES FROM TOWN 2

B 1 CONTINUED DRILLER INFORMATION

George Easterday 40 DRILLER'S NAME LICENSE NO.

George Easterday 4-7-81 SIGNATURE DATE

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Old Frederick Rd. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) WEST EAST SOUTH NORTH

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN)

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)

APPROXIMATE DEPTH OF WELL 150 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) CABLE REVERSE ROTARY DRIVE POINT ROTARY other

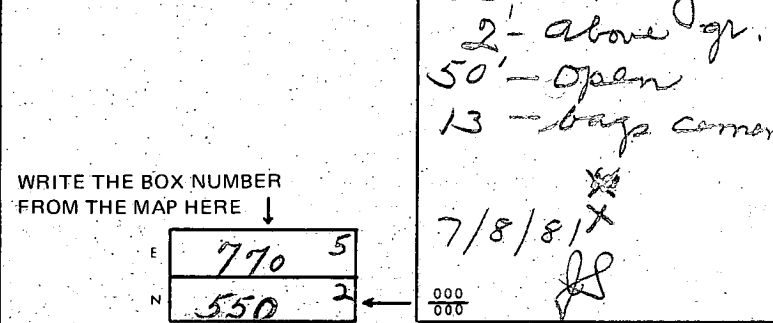
REPLACEMENT OR DEEPEMED WELLS (Circle Appropriate Box)

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

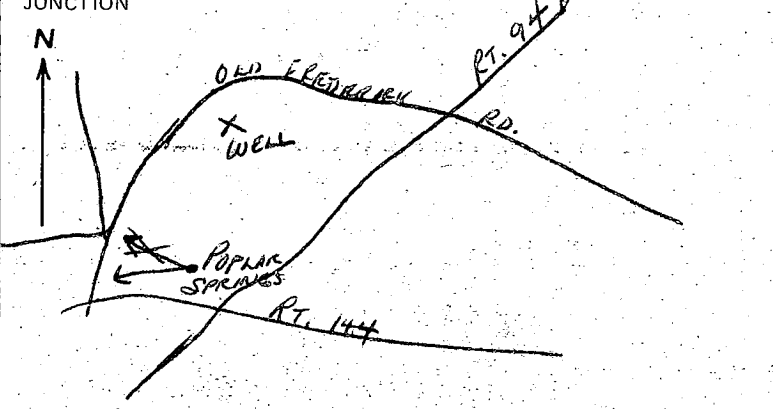
Not to be filled in by driller (WRA USE ONLY)

APPROP. PERMIT NUMBER GAP FORCE FS INITIALS IN BOX CONDITIONS 40-73-3888

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX



WRITE THE BOX NUMBER FROM THE MAP HERE



B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME A 29601 COUNTY NO.

EHA SIGNATURE STATE HEALTH CIRCLE BOX MO. DAY YR. CO. SIGNATURE DATE NORTH GRID EAST GRID ELEV. (FT.)

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

