

8-24-87  
AM anytime

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 39728

A 31534

DISTRICT 4th

DATE 7/24/87

DATE SYSTEM APPROVED 8-24-87

INSPECTOR S. Abel

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

04-343476

Herman C. Sirk & Son IS PERMITTED TO INSTALL  ALTER

ADDRESS 2555 Jennings Chapel Road, Woodbine, MD PHONE 488-4724

SUBDIVISION Florence Estates ROAD 1930 Log House Court LOT 8

PROPERTY OWNER James Hensley

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 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from the front right lot corner, place 1st trench 225 feet down the right (536.38') lot line and 90 feet off the right lot line. Run trenches on contour towards the rear (469.22') 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.

*OHJ*

PLANS APPROVED BY Bert Nixon 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.

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.

BLDG. PERMIT ~~ISSUED~~  
AND RETURNED 6/10/94

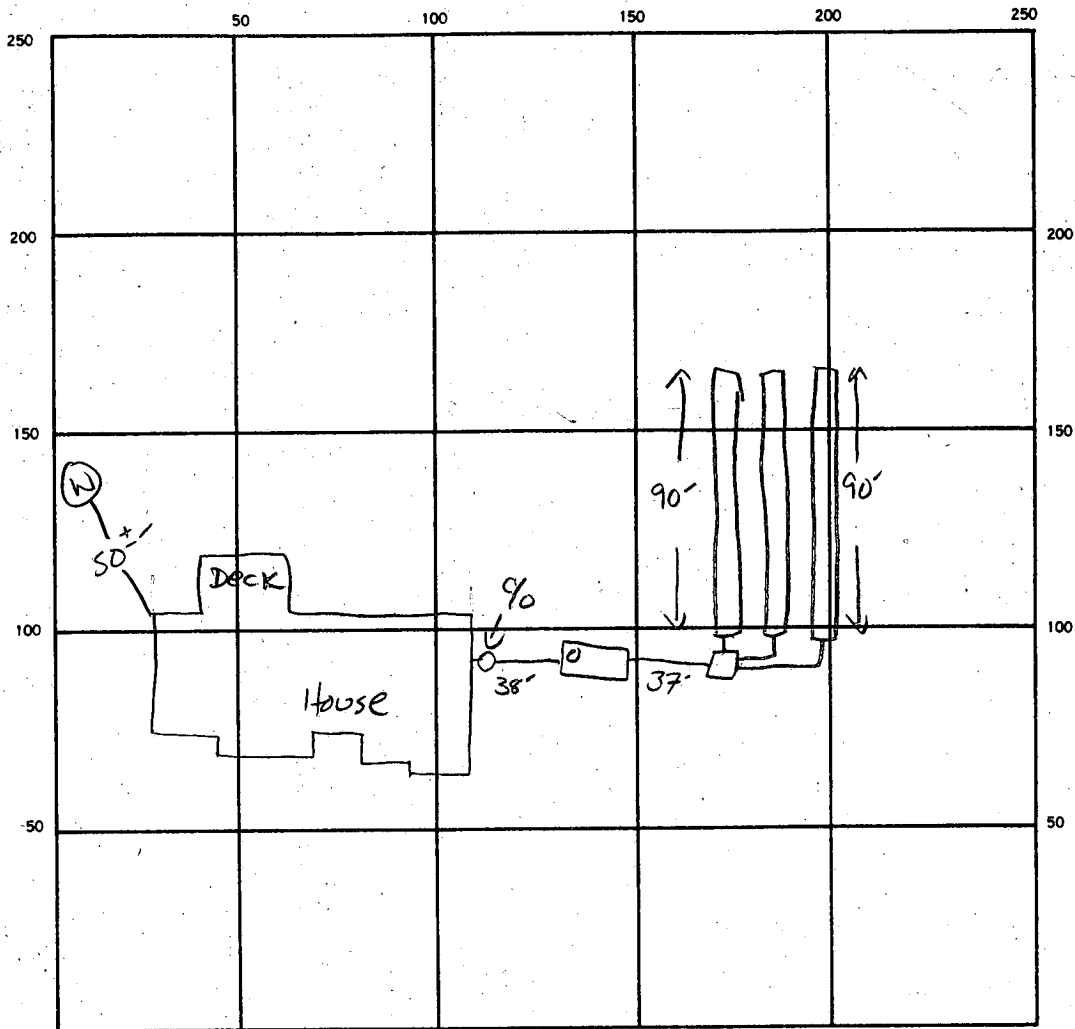
*Serial # 54547  
Storage Shed*

A  
31534

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

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

EH - 2-1186



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

LOG HOUSE COURT

SEPTIC TANK LEVEL 1500 GAL CLEANOUTS AT House + ST

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD (TILE FIELD) DEPTH 6 FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 90' ea. 270 LF FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL (BOTTOM AREA) 810 SQ. FT.

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

ABSORBENT AREA 810 SQ. FT.

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

DATE SYSTEM APPROVED J. Abel INSPECTOR 8-24-87

PRELIMINARY

# 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 31534

P \_\_\_\_\_

DISTRICT 4th

DATE 8/4/81

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 Hubert E. Snapp, Inc.

ADDRESS 25641 Ridge Road, Damascus, Maryland 20750 PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. 8

ROAD AND DESCRIPTION Florence Road

SIZE OF LOT 3 acres more or less TYPE BLDG. 3 or 4 bedrooms  
(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. /s/ Hubert E. Snapp  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

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

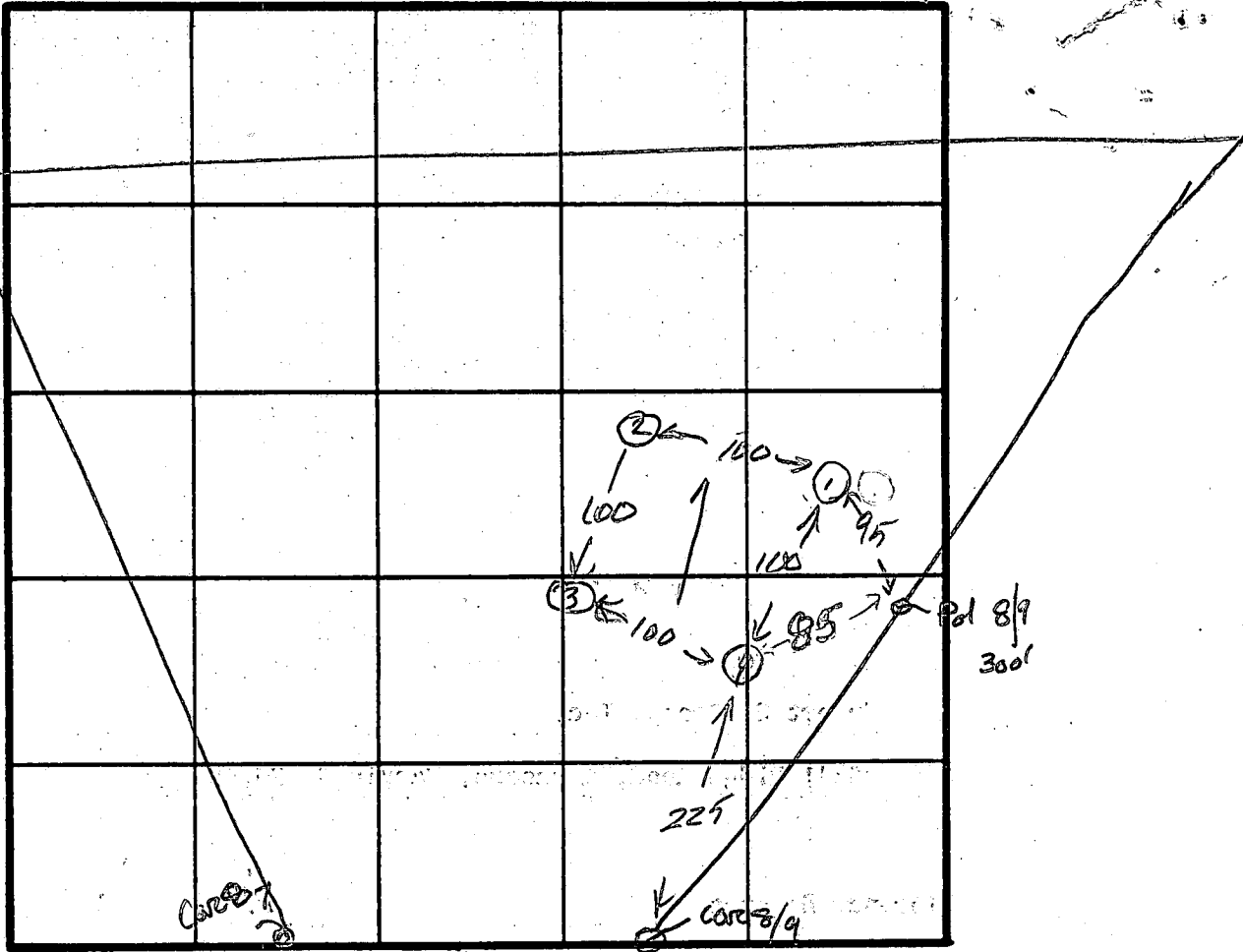
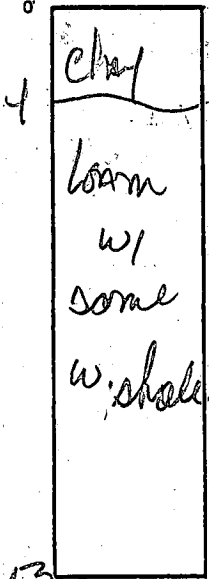
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

#8

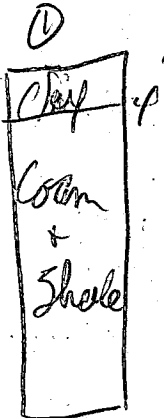
①②③④

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Fieldon Court



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/16/81	1	3 m	1:58	2:08	2:08	2:28	20
		8	2:11	2:13	2:13	2:18	5
	2	0					
		13					
	2	4	2:34	2:38	2:38	2:45	7
		8	2:35	2:39	2:39	2:50	11
	3	13'					
		4	2:37	Abort	2:50	4112 PERC	
	3	8'	2:37	2:40	2:40	2:47	7
		13'					
	4	0					
		13'	1-4 clay	4-13	Mostly loam w/ some w. shale		
	35A	4 1/2	2:54	2:59	3:04	3:15	11

10 min. avg.  
4' inlet

REMARKS

Shallow Systems ?

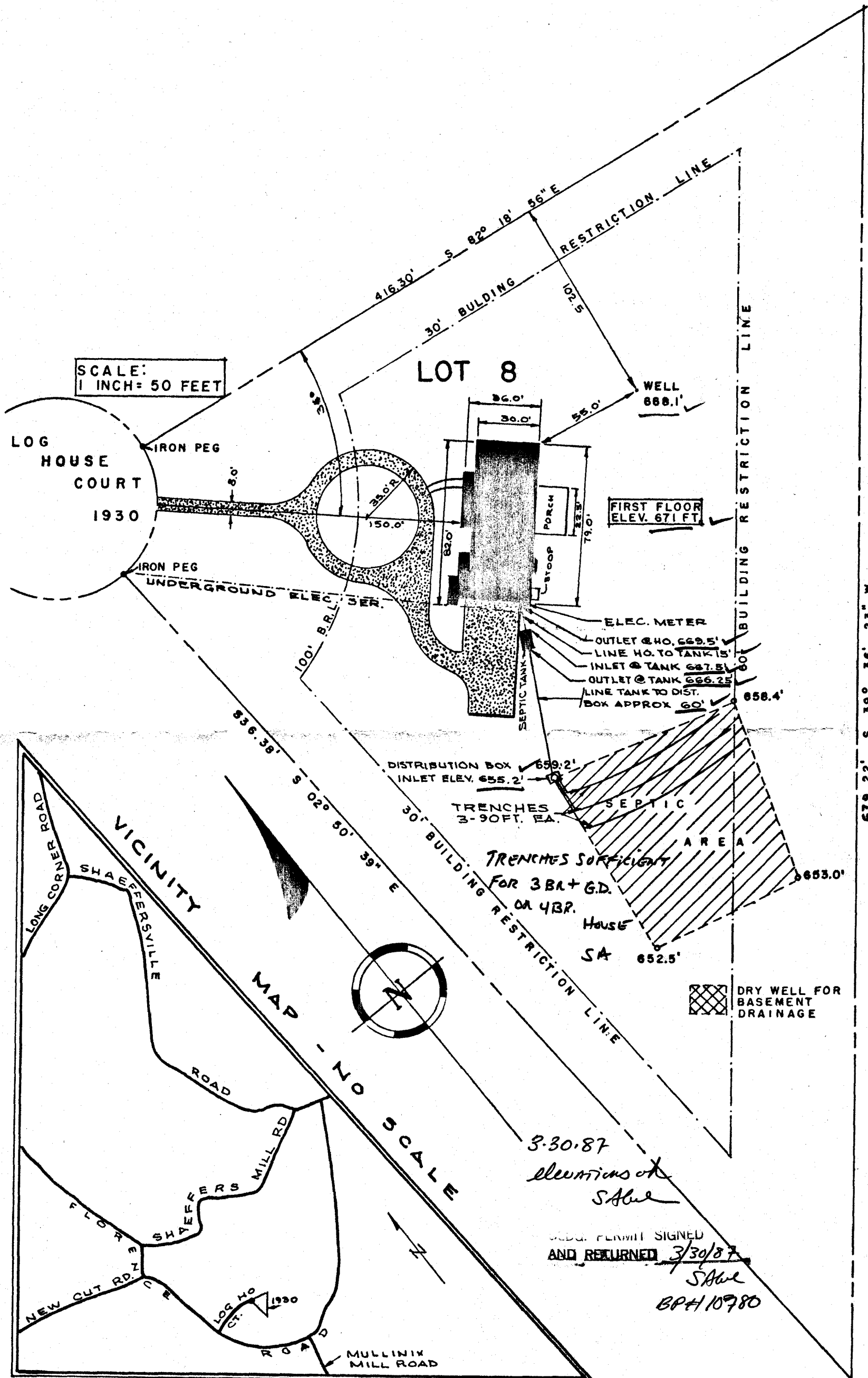
TYPE OF SOIL

TESTED BY

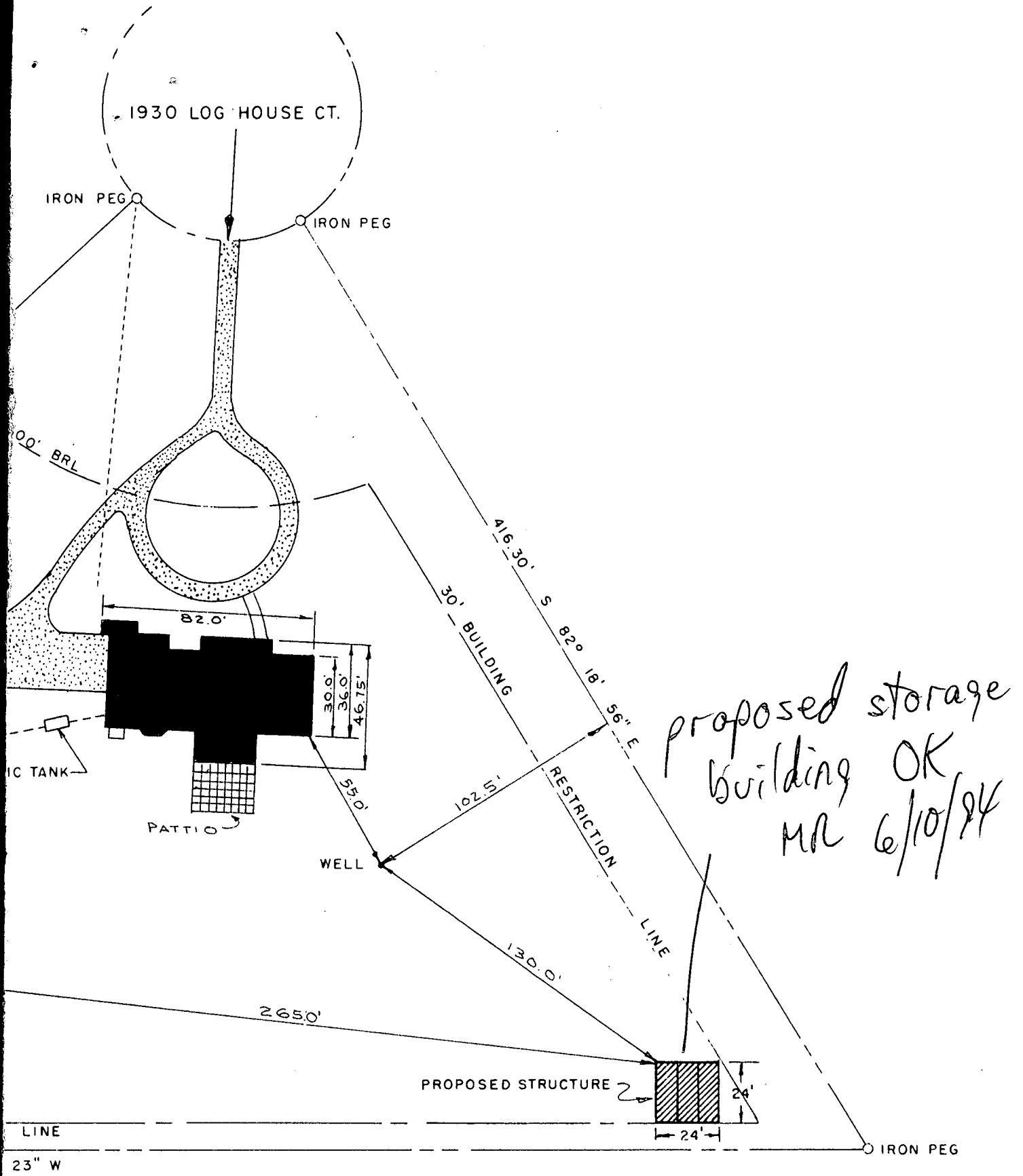
SK 9/16/81

ALSO PRESENT

SIRK3



FLORENCE ESTATES, SECTION 2 (3.0458 Acres)  
 HOWARD COUNTY, MARYLAND



*proposed storage building OK MA 6/10/84*

0458 Ac.)

SCALE: 1 IN. = 50' FT.

C1 3792

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)

FILL IN THIS FORM COMPLETELY. PLEASE PRINT OR TYPE

COUNTY NUMBER A-31534

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

Grid for date received

Grid for date well completed

Grid for depth of well

Grid for permit number

OWNER: HENSLEY JAMES STREET OR RFD: LIND HOUSE C. TOWN: MT. AIRY SUBDIVISION: FLORENCE ESTATES SECTION 2 LOT 8

WELL LOG table with columns for Description, Feet (From/To), and Check if water bearing. Includes handwritten entries for Top soil, clay, Brown sand, Shale, Brown rock, Gray shale, Brown rock, Gray rock, and Gray shale.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y/N), 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 (ST, CO, PL, OT)

MAIN CASING TYPE, Nominal diameter, Total depth

OTHER CASING (if used) diameter, depth

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT)

DEPTH (nearest ft.) grid

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. [Signature]

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

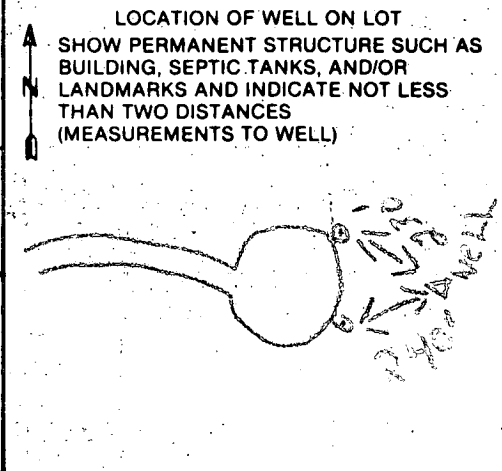
SLOT SIZE, DIAMETER OF SCREEN

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, WHEN PUMPING, TYPE OF PUMP USED

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES/NO, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE



B 1 5527

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HC-81-1847

fill in this form completely

Date Received

11/25/86

OWNER INFORMATION

ANDERSON, JAMES

ANDERSON, JAMES

GERMANTOWN, MD 20879

GERMANTOWN, MD 20879

DRILLER INFORMATION

Bernard Frezer, License No. 8701

Frederick County, 16609 Frederick rd, Liston

Address: 21765

Signature: Date: 2/7/85

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)

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

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 BN PERMIT No. HC-81-1847

SPECIAL CONDITIONS

LOCATION OF WELL

HAWKCT, COUNTY

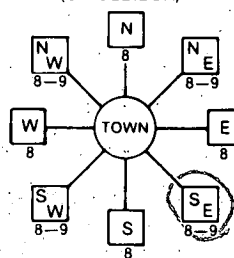
ADDORACE, SUBDIVISION

SECTION 2, LOT 8

DIT, NEAREST TOWN

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

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Long House Ct. NEAR WHAT ROAD

CN WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 240

ENTER FT or MI 240

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD, COUNTY NAME

STATE HEALTH SIGNATURE

DATE ISSUED 010587

CO SIGNATURE, EXP. DATE 07/05/87

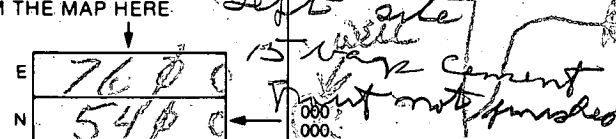
NORTH GRID 540000, EAST GRID 0760000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

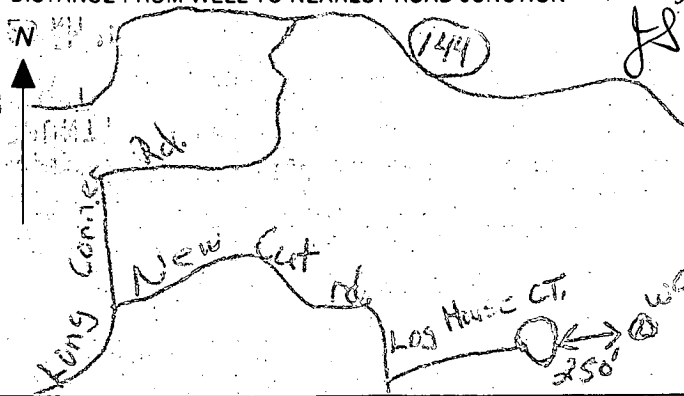
SOURCES OF DRILLING WATER

- 60' casing
2' above rd
50' open

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



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-1847  
 Location of property (road) LONG HOUSE CT  
 Subdivision FLORENCS ESTATES Lot 8 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. 2  
 Well Driller BERNARD FEEZER Owner HENSLEY, JAMES

Depth of well 350'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 30'

I. High rate pumping -- reservoir drawdown should have run until 3:15 pm  
 Time pump started 7:30 Pumping rate 12  
 Total time 2 hrs. to reach pumping water level 180 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	30	5	60	12
7:45	55	5	$\frac{2}{120}$	12
8:00	80	6	$\frac{2}{240}$	10
8:15	105	6		10
8:30	115	6	240	10
8:45	135	7	180	8
9:00	155	7	$\frac{30}{150}$	8
9:15	180	7	15	8
9:30	180	30	$\frac{750}{150}$	2
9:45	180	30	150	2
10:00	180	30	225.0	2
10:15	180	30		2
10:30	180	30		2
10:45	180	30	465 gallons	2
11:00	180	30	maximum storage.	2
11:15	180	30	Does not meet	2
11:30	180	30	minimum of 500 gal.	2
11:45	180	30	69-87 JEN	2
12:00	180	30		2
12:15	180	30	Drawdown	2
12:30	180	30	apparently	2
12:45	180	30	not req'd at time	2
1:00	180	30	or P.T.	2
1:15	180	30	Should be	2
1:30	180	30	sufficient storage for 500 gal	2

4 hrs.  
15 min