

Tax ID - 04-326016

4/26/89 ASAR
4/27/89 BAP

PERMIT

WPI

P. 43529

SEWAGE DISPOSAL SYSTEM

A. 39748

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 4th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE 4/20/89

DATE SYSTEM APPROVED 4-27-89

INSPECTOR S. Abel

William H. Smith, Jr.

IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 330, Forest Hill, Maryland 21050 PHONE 879-7641

SUBDIVISION Harlow Property ROAD 14200 Forsythe Road LOT _____

PROPERTY OWNER Raymond A. and Linda N. Smith

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 3 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Place the first trench 260 feet up the right (817.45') lot line and 115 feet off the same lot line as seen when facing the lot from Forsythe Road. 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. ok/cw

PLANS APPROVED BY Sid Abel DATE 11/21/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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

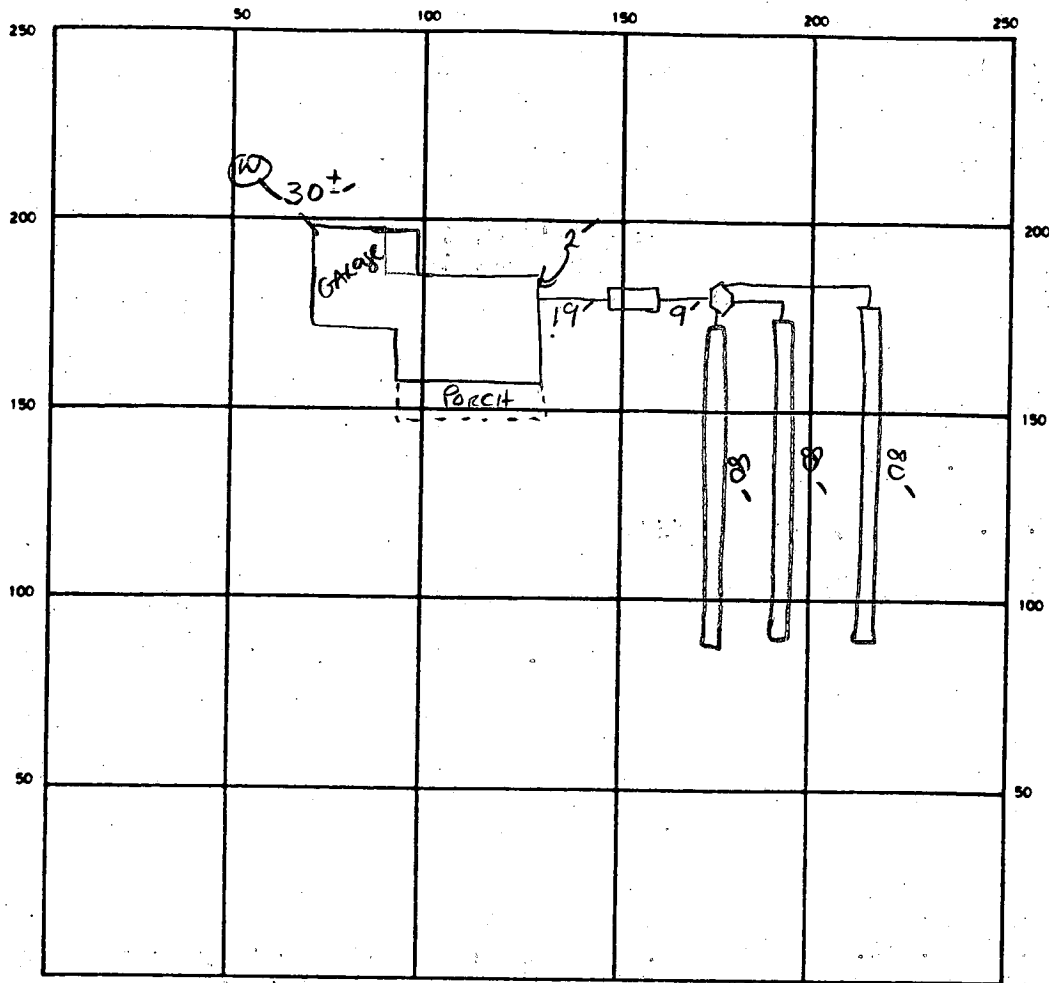
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A
39748



110
4-16
3-25
12

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
FORSYTHE Rd.

SEPTIC TANK. LEVEL ✓ 1250 CLEANOUTS ✓ 51

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 6 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH 1-3 80- 240 TF FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 720 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 720 SQ. FT.

REMARKS 4-26-89 OK TO CONTINUE WORK. WPI - Pitless 48" - well line 10-50"
below grade. S. A. Sel 4-26-89 OK TO STONE ALL TRENCHES S. A. Sel

DATE SYSTEM APPROVED 4-27-89 INSPECTOR S. A. Sel

APPLICATION

PERCOLATION TESTING

A 39748

P _____

DISTRICT 4th

DATE 7/29/87

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

DATE 7/28
OK TO PROCESS SALW

(#1)

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 TERRY A. HARLOW

ADDRESS 700 GREGWOOD CT. BALTIMORE, MD 21222 PHONE 477-5542

PROSPECTIVE BUYER RAYMOND A. SMITH III and LINDA N. SMITH

ADDRESS PO Box 1146, LAUREL, MD 20707 PHONE 490-5463

PROPERTY LOCATION:
SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION 14200 FORSYTHE RD.

TAX MAP 8 PARCEL # 234

SIZE OF LOT 5.981 ACRES TYPE BLDG. 4 BR SINGLE FAMILY HOME
(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. Linda N. Smith
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

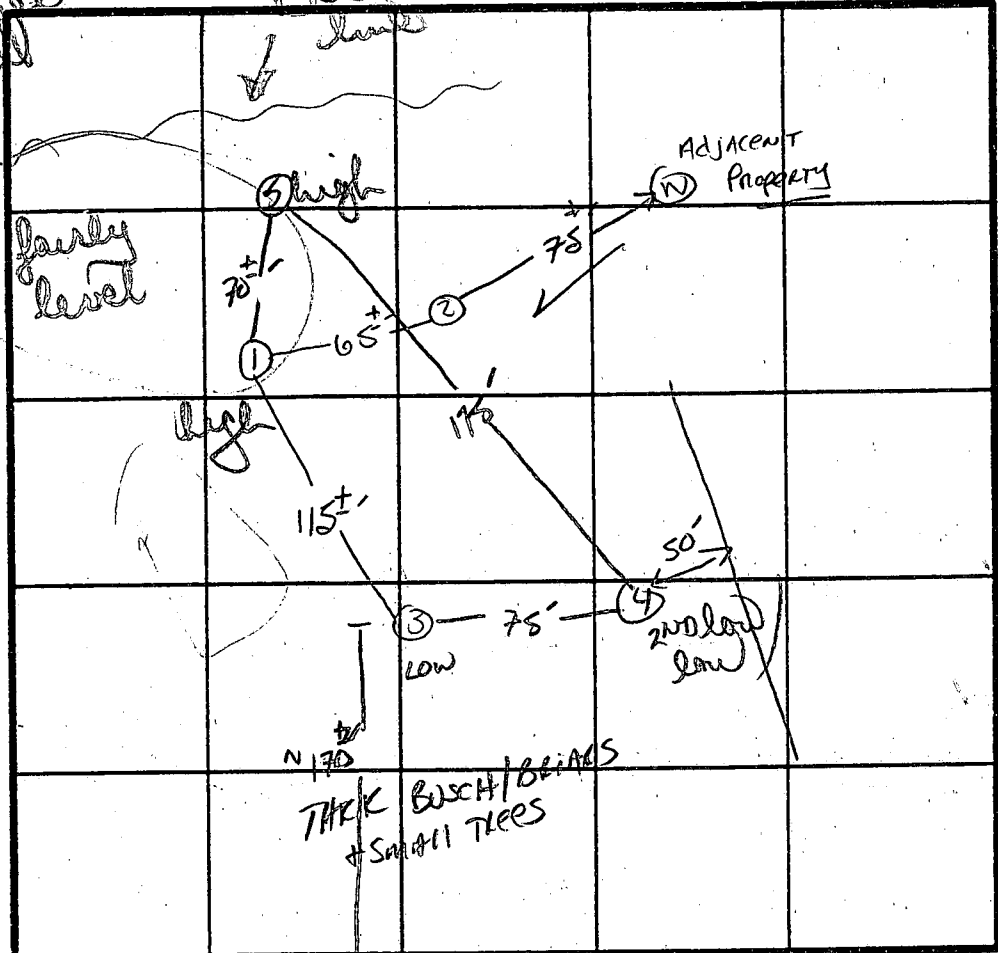
REASONS FOR REJECTION OR HOLDING 8-17-87 PERC SATISFACTORY - hold for PLAS. S. ALW

BLDG. PERMIT SIGNED
AND RETURNED 12-2-88
BP220088

THIS IS NOT A PERMIT

8/17/87
9:30 AM
Fyock to Dig.
Preliminary

proposed well



X ARC 3 min
180 φ/BA
Inlet 2
Bottom 6

① ③ ⑤
SOIL PROFILE

NO A/B Layer
REMAINING
EXCAVATED
OFF SITE

CLAYER
Yellow Bk
SAND
LOAM
10-15%
FRASS
HOLES
HAS PART OF
B LAYER.

11-12"

④
B LAYER
Yellow Bk
w/ QUARTZITE

Yellow Bk
→ TAN
Silt SAND
LOAM
20-25%
FRASS

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
FOLSOM RD.

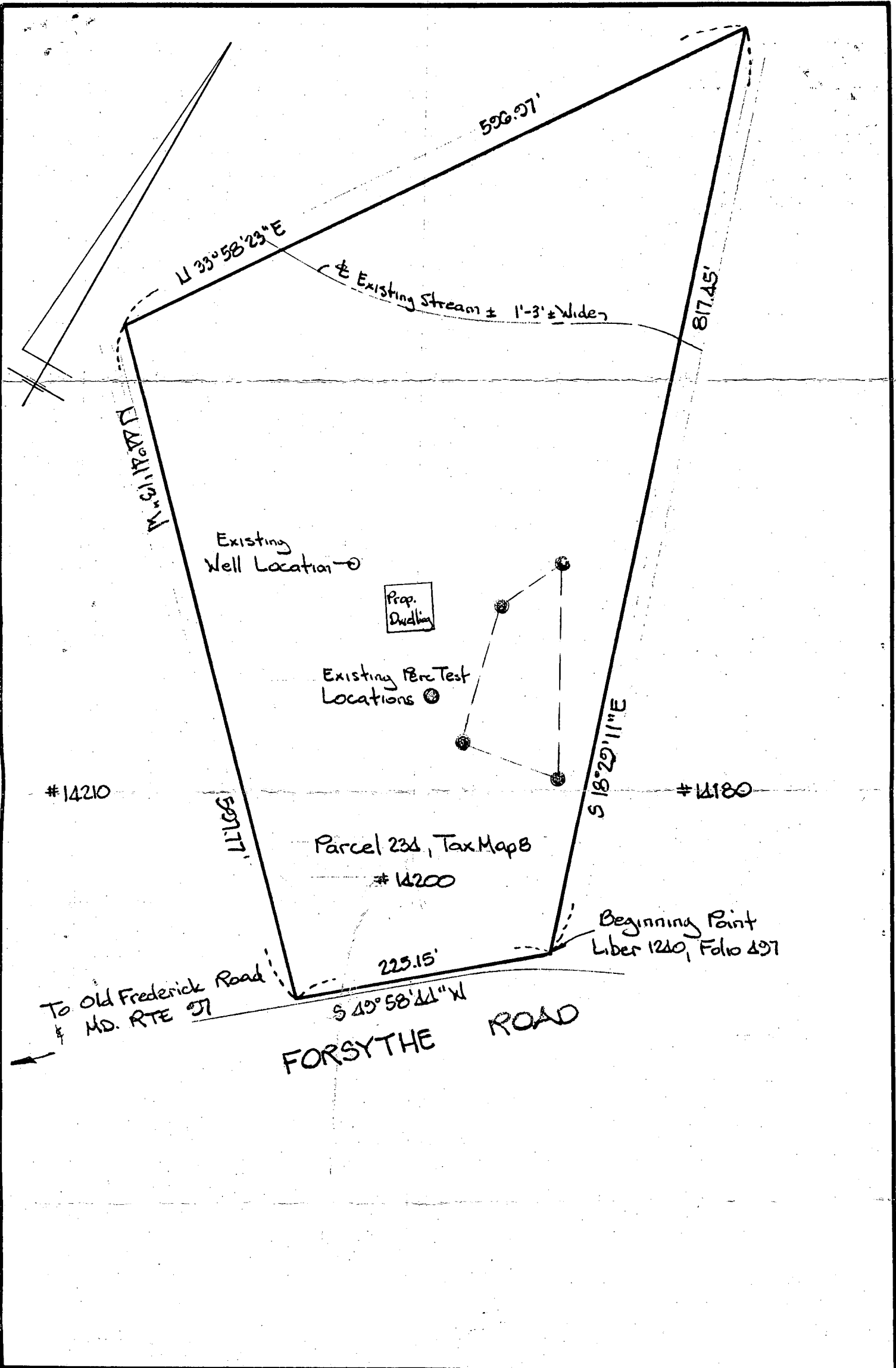
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
8/17/87	1 S	1'	9:53	9:55	9:55	9:58	3 min	
	1 M	6.5'	9:59	10:00	10:00	10:02	2 min	
	1 V	11'	UNIFORM soil below surface.					
	2 V	ROCK TO SURFACE						
	3 S	4.5'	10:04:30	10:06	10:06	10:09	3 min	
	3 V	12'	UNIFORM soil below surface - small quartzite at					
	4 S	3'	10:09	10:10	10:10	10:12	2 surface min	
	4 V	11'	HARD BOTTOM see profile.					
	5 V	10'	HARD BOTTOM UNIFORM soil below 0'					

REMARKS Shallow SYST. only OR DEEPSYST 2'-6'

TYPE OF SOIL CHESTER GRNELY LOAM

TESTED BY Abel ALSO PRESENT Fyock, Smith's

EH-12-1079



HICKS ENGINEERING COMPANY, INC.

ENGINEERS • SURVEYORS • PLANNERS

200 EAST JOPPA ROAD - SUITE 402

TOWSON, MARYLAND 21204

TELEPHONE: 301/494-0001

PLAT SHOWING EXISTING WELL AND
 PERC TEST LOCATIONS - #14200
 FORSYTHE ROAD, TAX MAP 8, PARCEL 234
 LIBER 1240, FOLIO 497; HOWARD CO., MD.

DATE: 12/1/87

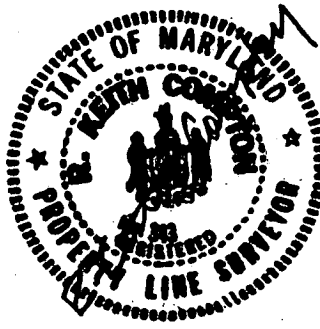
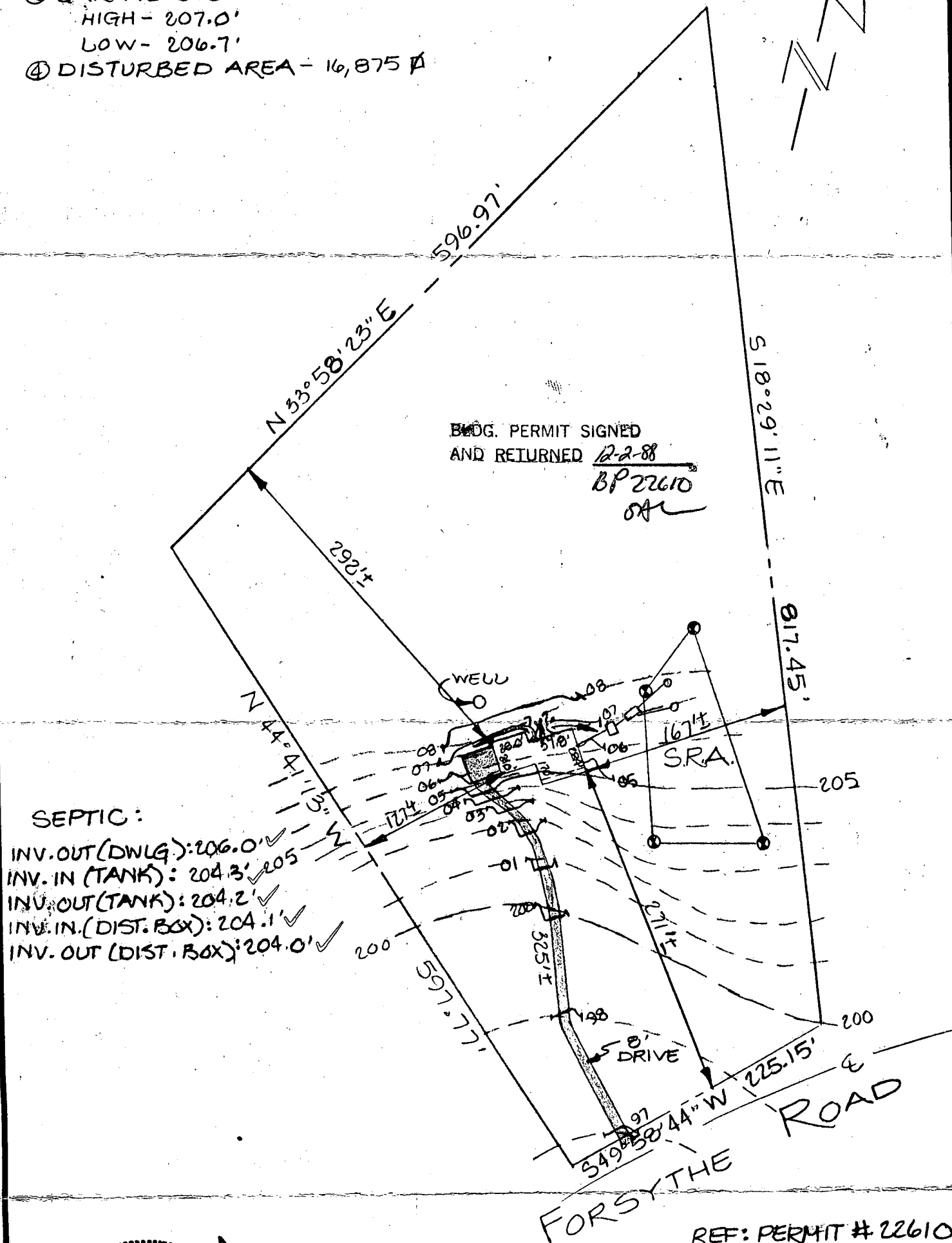
SCALE: 1"=100'

FILE: 5019

HE

NOTES:

- ① FF. ELEV. - 207.5 ✓
- ② BASE. ELEV. - 198.5 ✓
- ③ GARAGE ELEV. -
HIGH - 207.0'
LOW - 206.7'
- ④ DISTURBED AREA - 16,875 A



GRADE PLAN
 14200 FORSYTHE ROAD
 "HARLOW PROPERTY"
 PARCEL 234, TAX MAP 8
 4TH ELECTION DISTRICT
 HOWARD COUNTY, MD.

Azimuth Consultants
 120 Cockeysville Road Suite 105
 Hunt Valley, MD 21031

Scale: 1" = 100' Date: 11-12-88

REV: 11-22-88
 REV: 12-1-88

B 1 **8323** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND *11/3/87*
 PERMIT TO DRILL WELL *11AM*
 please print or type

OEP PERMIT NUMBER
40-81-2322
 fill in this form completely

Date Received **090387**
 OWNER INFORMATION
SMITH, Raymond
 Last Name Owner First Name
P.O. Box 1146
 Street or RFD
Lakeland **20707**
 Town State Zip

B 3 LOCATION OF WELL *Pd 40.00*
Howard COUNTY *W-48122*
HARLOW PROPERTY (MAP 8)
 SUBDIVISION LOT *9/15/87*
 SECTION **44** LOT **48** *P.234*
COOKSVILLE NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **5** M I

DRILLER INFORMATION
George F. Easterday License No. **40**
 Driller's Name
L.F. Easterday, INC
 Firm Name
9265 Brown Ch. Rd., Mt. Airy, MD. 21771
 Address
George F. Easterday *9/1/87*
 Signature Date

B 4 **14200 Forsythe RD.**
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **400** FT
 ENTER FT or MI **F T**

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 COUNTY NAME
A39748 COUNTY NO.
 OEP SIGNATURE **B. Nelson** STATE HEALTH INSERT S
 DATE ISSUED **10/1/87** EXP. DATE **04/01/88**
 NORTH GRID **548000** EAST GRID **0798000**

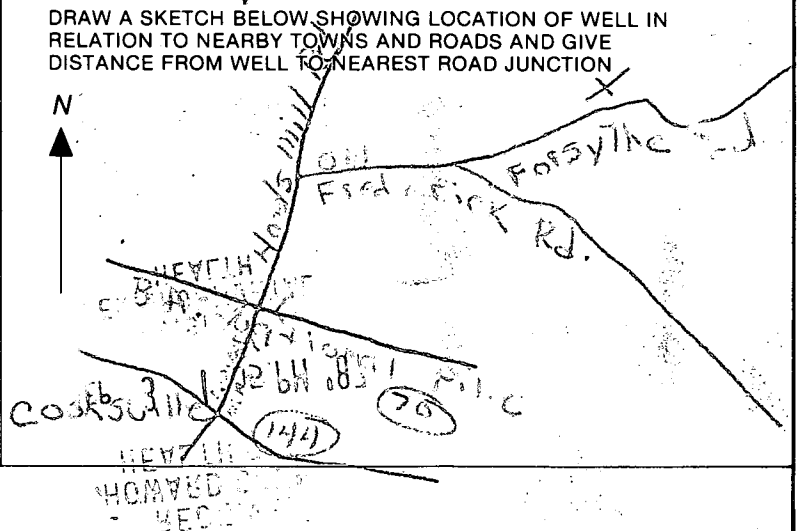
APPROXIMATE DEPTH OF WELL **209** FEET

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
 other _____

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 2.
 3.
 WRITE THE BOX NUMBER FROM THE MAP HERE
 N **7988**
 E **5488**

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 **BA** WRITE INITIALS IN BOX PERMIT No. **40-81-2322**

SPECIAL CONDITIONS

11/2/87
1045 AM

- ① Well already granted Got information from Joe
- ② Well granted a little early by mistake
- ③ 53 ft casing
- ④ 30 ft open hole
- ⑤ 11 Bag Cement
- ⑥ LOCATION 21- per plan
- ⑦ well d.k.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
SEP 3 1 05 PM '87
B. J. Hodges

C1 1923

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)

COUNTY NUMBER A 39748

DATE RECEIVED

DATE WELL COMPLETED 110387

DEPTH OF WELL 22 160 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2322

OWNER SMITH LINDA STREET OR RFD 14200 FORSYTHE RD TOWN COOKSVILLE SUBDIVISION HARLOW PROP. MAP 8 P. 234 SECTION LOT

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, Tan Slate, Gray Slate, Tan Slate, Gray Slate.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 11 NO. OF POUNDS 1100

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

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.) H0 51 100

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. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 10 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 29 WHEN PUMPING 36 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 DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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) LAND SURFACE (nearest foot)

