

10/2/91

# PERMIT

# 328094

## SEWAGE DISPOSAL SYSTEM

P 47018

## DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A REPAIR

DISTRICT \_\_\_\_\_

### HOWARD COUNTY HEALTH DEPARTMENT

DATE 04/26/91

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

DATE SYSTEM APPROVED 10-2-91

INSPECTOR R.J. P...  
*R.J. P...*

Arnolds Backhoe & Septic Service, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 7110 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-7873

SUBDIVISION \_\_\_\_\_ LOT \_\_\_\_\_ ROAD 15202 Bushy Park Road

PROPERTY OWNER Joe Smith

ADDRESS 15202 Bushy Park Road, Woodbine, Maryland 21797

SEPTIC TANK CAPACITY 1000 <sup>(existing)</sup> GALLONS

NUMBER OF BEDROOMS 3

125 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 50 ft

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED SO SANITARIAN CAN RECOMMEND REPAIR.  
REPAIR PERC OR INSTALLATION WILL NOT BE DONE UNTIL SUMMER.

*Install one 2ft wide, 12ft deep, 50 ft long Trench. Provide 7 1/2 ft of stone fill below in let pipe. Depth of inlet pipe @ 4 1/2 ft below grade. Begin Trench 15 ft from existing dry well. Use a "Y" connection from septic tank, with one supply line favoring near Trench, other existing line to existing dry well on line as a backup system. R/P 10-2-91*

PLANS APPROVED BY Craig Williams cm DATE 04/26/91

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

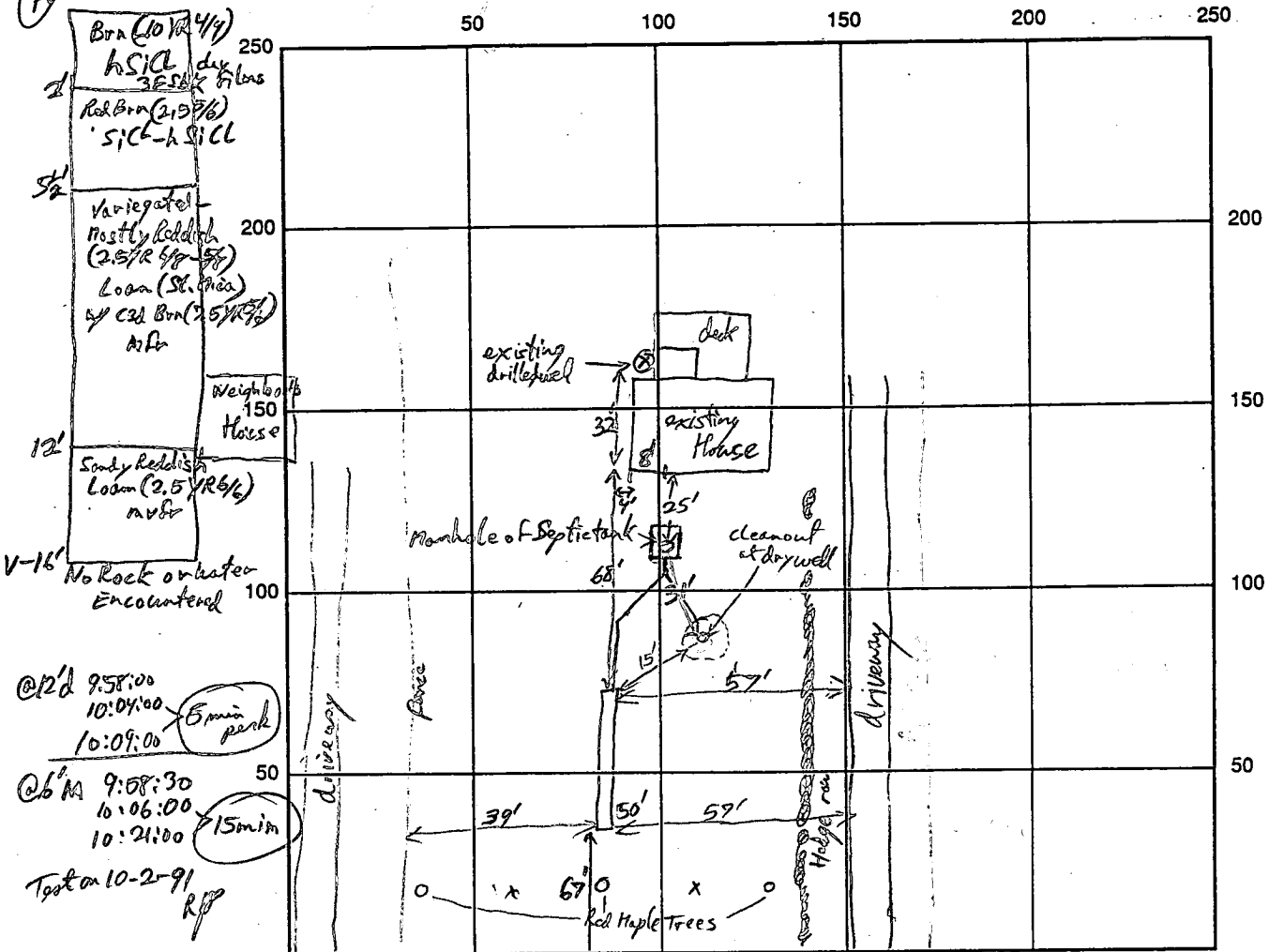
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

P 47018

Page A CH2 - Chester soil



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 Busby Park Rd

SEPTIC TANK LEVEL existing outlet 4' below grade CLEANOUTS Manhole @ S.T., CG @ dry well

DISTRIBUTION BOX LEVEL None Using a "Y" connection favoring new trench

DRAIN FIELD/TITLE DEPTH 12' FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 7 1/2 FT. TOTAL LENGTH 50 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 375 SQ. FT.

DRYWALL INSIDE DIAMETER ? FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.  
 Bottom of existing drywell is 7ft below grade  
 ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS: perks 5 min @ 12ft, 15 min @ 6ft, view to 16ft deep. No rock, no water encountered  
Red loam to sandstone improving with depth below 5ft. Trench excavation OK, inlet proper depth, etc.  
OK to layout R/P 10-2-91

DATE SYSTEM APPROVED 10-2-91 INSPECTOR Ronald W. [Signature]

Road use to be 10' South Busby Park Rd

Taken by Arnold's Backhoe

# APPLICATION

PERCOLATION TESTING

A \_\_\_\_\_  
P 47018

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

DISTRICT \_\_\_\_\_

DATE 10-2-91

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 Joe Smith

ADDRESS 15202 Bushy Park Rd PHONE \_\_\_\_\_

PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG \_\_\_\_\_  
(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 R. J. Pringle FOR one Repair Trench DATE 10-2-91

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

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

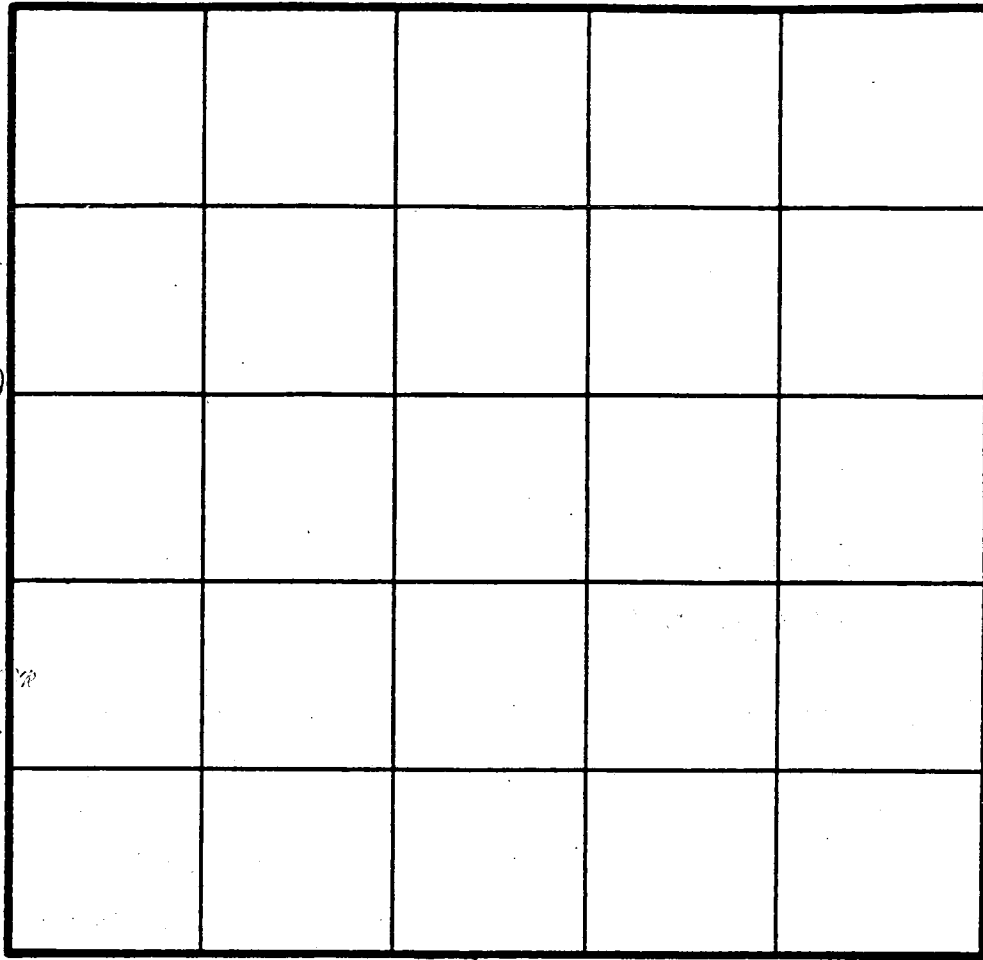
REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

HD-216

## THIS IS NOT A PERMIT

SOIL PROFILE

0  
6" Brn lam gran Comb  
gravelly sand 3/8" to 1/2" depth  
1 1/2' ~~Red Brn 2.5% 7/8 SiL~~  
2R Brn (10% R 4%) 1/2 SiL  
2 1/2' W.Ba 2.5% R 7/8 SiL (sh 24%)  
5 1/2' Unconsolidated mostly reddish 2.5% R 5/8 SiL  
EC3d Br 7.5% R 5/8  
Loam slightly Micaceous  
16' into sandy reddish loam 2.5% R 1/2  
lost 4 ft of dirt  
No Rock or luster encountered



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10-29	Hole A	@ 12' D	9:58:00	10:04:00	10:04:00	10:09:00	5 min
		@ 6' m	9:58:30	10:06:00	10:06:00	10:21:00	15 min
		16' v					

7.5 x 50 = 375  
3 ft  
4 1/2 - 12 = 7 1/2' effective depth

REMARKS \_\_\_\_\_

TYPE OF SOIL Chester Ch B2

TESTED BY + Arnold's Backhoe ALSO PRESENT \_\_\_\_\_  
Ronald Pittley

C1 9864

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. 6/17/99 OK BK

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 01 25 99

Depth of Well 150 (TO NEAREST FOOT)

COUNTY NUMBER A 47016 PERMIT NO. FROM "PERMIT TO DRILL WELL" 110-904 2069

OWNER STREET OR RFD 15202 Bushy Park TOWN SUBDIVISION SECTION LOT

WELL LOG Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown Shale and Gray Rock.

GROUTING RECORD Form with fields for CEMENT, BENTONITE CLAY, NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD Form with fields for casing types (STEEL, PLASTIC, CONCRETE, OTHER), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) Form with fields for diameter, depth.

SCREEN RECORD Form with fields for screen type, SCREEN RECORD (STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER), DEPTH.

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED

- 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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. M 2 D 1 0 1 DRILLERS SIGNATURE LIC. NO. D

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

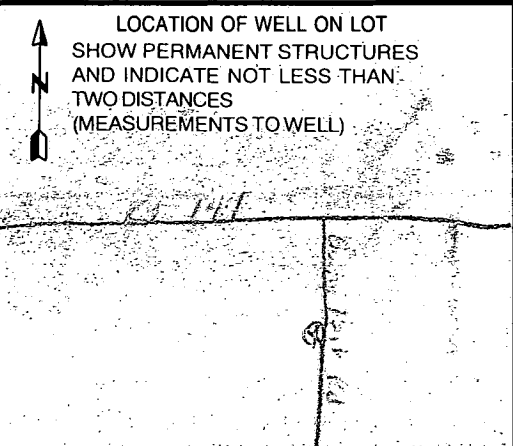
DEPTH (nearest ft.) Table with rows for casing sections and slot size.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST Form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP-INSTALLED Form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



B 1	<b>9908</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER <b>110-94-2069</b> <small>70 fill in this form completely 79</small>
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Date Received (APA) **1/20/99**

**OWNER INFORMATION**

8 MM DD YY 13

15 Last Name **SMITH** Owner **JOSEPH** First Name 34

36 Street of RFD **15202 BUSHY PARK ROAD** 55

57 Town **WOODBINE MD** 70 State **MD** 72 Zip **21797** 76

**LOCATION OF WELL**

B 3 **HOWARD** 21

8 COUNTY

23 SUBDIVISION \_\_\_\_\_ 42

SECTION \_\_\_\_\_ 44 46 LOT \_\_\_\_\_ 48 50

**LISBON** 52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **2** M. I. 73 76 77 78

**DRILLER INFORMATION**

Driller's Name **Leo R. Holland Jr.** MS D 101 76 License No. 81

Firm Name **SEC Well Drilling Co.**

P.O. Box 1143 Hagerstown, MD 21741

Address **Leo R. Holland Jr.** 76

Signature **Leo R. Holland Jr.** Date \_\_\_\_\_ 78

**WELL INFORMATION**

1 2

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

11 **BUSHY PARK ROAD** 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 **200** 37

DISTANCE FROM ROAD **FT** 38 39

ENTER FT OR MI

TAX MAP: **8** BLK: **20** PARCEL: **153**

NORTH

WEST 32 EAST

SOUTH

**WELL INFORMATION**

1 2

APPROX. PUMPING RATE (GAL. PER MIN.) **10** 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

22  INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

**Howard** **A47018**

COUNTY NAME COUNTY NO.

STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_

DATE ISSUED **1/20/99** Kim Maide **1/20/00** 41

43 MM DD YY 48 CO SIGNATURE EXP. DATE

NORTH GRID **541** 000 EAST GRID **788** 000

50 55 57 63

APPROXIMATE DEPTH OF WELL **500** FEET 24 28

APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST INCH

**METHOD OF DRILLING (circle one)**

BORED (or Augered)  JETTED  Jetted & DRIVEN

30 AIR-ROTARY  AIR-PERCussion  ROTARY (Hydraulic Rotary)

37 CABLE  REVerse-ROTary  Drive-POINT

other \_\_\_\_\_

**REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)**

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 \_\_\_\_\_ 52

**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**

APPROX. PERMIT NUMBER \_\_\_\_\_ G A P

54 **110-94-2069** 63

PERMIT No. **110-94-2069** 70 71 72 73 74 75 76 77 78 79

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

E **788**

N **541**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

**1-25-99**

**GROUT OBS'D, 10:00 NOT COMPLETE**

**60' CASING MR 55' OPEN 1/25/99**

**000 TAG TO BE DELIVERED**

**3' CASING ABOVE GR.**

N ↑

\*\*\*\*\*  
 WATER WELL ABANDONMENT-SEALING REPORT FORM  
 \*\*\*\*\*

H0 94 2069

SUBMIT COPIES OF COMPLETED FORM TO:

- \* COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- \* WELL OWNER
- \* MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: 1-22-99 (month/day/year)

--	--	--	--	--	--	--	--	--	--

\* PERMIT NUMBER OF ABANDONED WELL (if any)

\* PERMIT NUMBER OF REPLACEMENT WELL

H	0	-	9	4	-	2	0	6	9	1	5
---	---	---	---	---	---	---	---	---	---	---	---

\* PERSON ABANDONING WELL: Joseph Smith WELL DRILLERS LICENSE NUMBER: 009  
 \* OWNER'S NAME: Joseph Smith CIRCLE: MWD ~~MSD~~ ~~MGD~~

\* WELL LOCATION:

COUNTY: Howard  
 NEAREST TOWN: Lisbon  
 TAX MAP \_\_\_\_\_ BLOCK \_\_\_\_\_ PARCEL \_\_\_\_\_  
 SUBDIVISION: 15202 Bushy Park rd.  
 SECTION: \_\_\_\_\_ LOT: \_\_\_\_\_

000	
000	

MARYLAND GRID COORDINATES

E \_\_\_\_\_  
 BOX NUMBER \_\_\_\_\_  
 N \_\_\_\_\_

60

\* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGURED
- OTHER (specify) cable
- JETTED
- HAND DUG

SHOW WELL LOCATION BY X WITHIN BOX

LOG OF SEALING MATERIAL

\* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL

MATERIAL	FEET	
	FROM	TO
<u>Cement</u>	<u>0</u>	<u>20</u>
<u>stone</u>	<u>20</u>	<u>80</u>

\* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) \_\_\_\_\_

\* SIZE OF CASING: 6" INCHES IN DIAMETER

\* DEPTH OF WELL: 80' FEET DEEP

\* WAS ANY CASING REMOVED? YES  NO   
 if yes, length removed, in feet: \_\_\_\_\_

\* WAS CASING RIPPED OR PERFORATED? YES  NO

SIGNATURE - MASTER WELL DRILLER OR SUPERVISING SANITARIAN: Allen Compton LICENSE # \_\_\_\_\_ CIRCLE ONE: MWD ~~MSD~~ ~~MGD~~ DATE: 1-22-99



SITE INSPECTION SHEET

OWNER: Mr. Joe Smith

DATE REQUESTED: 1/20/99 11:00

ADDRESS: 15202 Bushy Park Rd  
Woodbine, MD

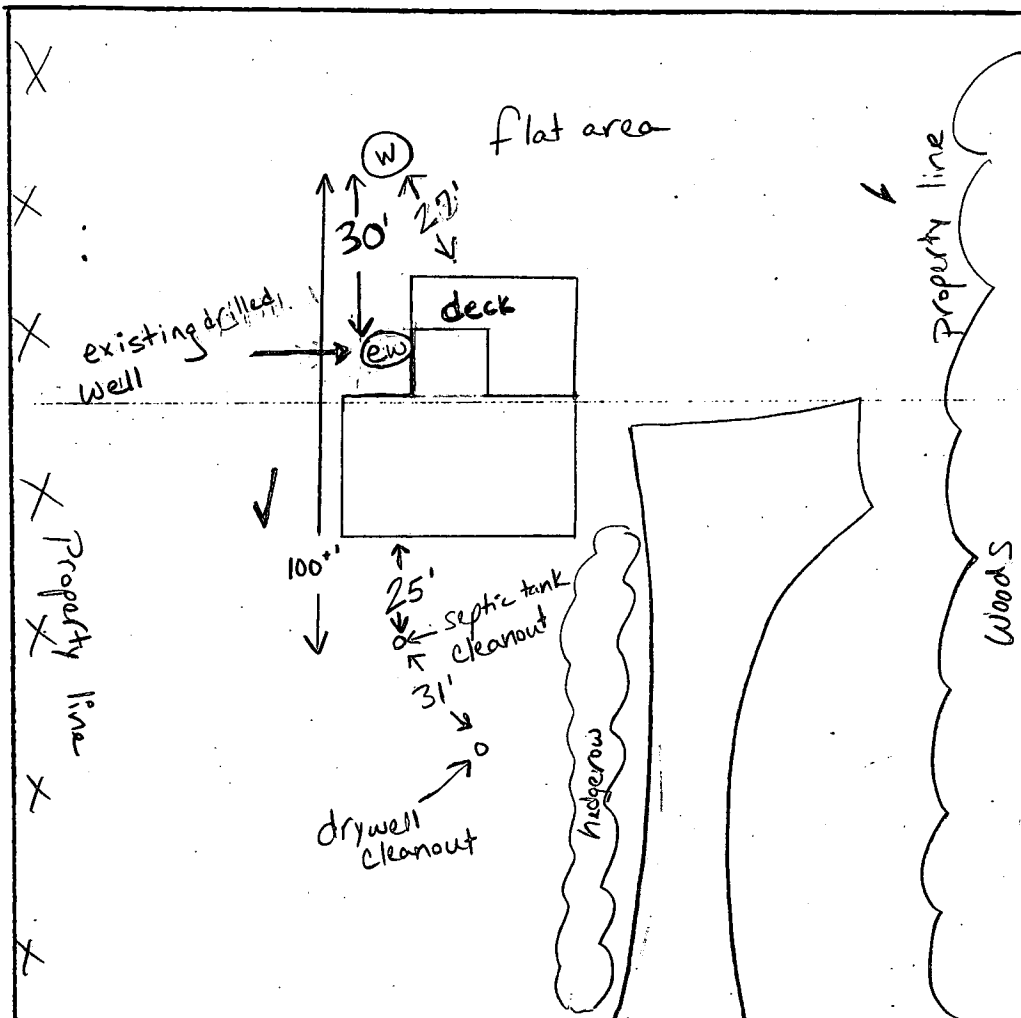
DRILLER: SEC/ABOH

WELL TAG # \_\_\_\_\_

COUNTY # P47018

PROPOSAL: Existing well is failing - request to meet owner to inspect proposed site(s) for repl. well; ex well to be abandoned per driller

LOCATION DIAGRAM



COMMENTS: 1-20-99 proposed replacement well site ok as staked.  
Existing well to be abandoned per owner. KM

DATE: 1-20-99

INSPECTOR: Kimberly Maisto