

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

04-343603

P 49666

A 31549

DISTRICT _____

DATE 10/8/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

DATE SYSTEM APPROVED 2/15/94

INSPECTOR SKS

INDEXED

William E. Novisel, Jr. IS PERMITTED TO INSTALL ALTER _____

ADDRESS _____ PHONE _____

SUBDIVISION Florence Estates, Sec 2 LOT 20 ROAD 2140 Cabin Branch Ct.

PROPERTY OWNER William E. Novisel

ADDRESS 13047 #B Shady Side La., Germantown, MD 20874

BUILDING PERMIT SIGNED

SEPTIC TANK CAPACITY 1000 GALLONS

AND RETURNED

NUMBER OF BEDROOMS 3

10-9-03 BOD 144511-MODIFY POOL

Add. Con. Pool
BLDG. PERMIT SIGNED
AND RETURNED 6-21-96
Serial # B00100660

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 70' from left (394.41) lotline and 140' from rear (487.06) lot line as viewed from cul-de-sac of Cabin Branch Court. Install trenches on contour toward rear lot line.

NOTES - Maintain 130+ feet well to septic separation distance if possible (see test hole #4 description). No trench to exceed 100 feet in length. Provide 6"-8" diameter cleanout and cap to grade or above on septic tank. OK MR 11/22/93

PLANS APPROVED BY Ron Pinkley DATE 8/18/93

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

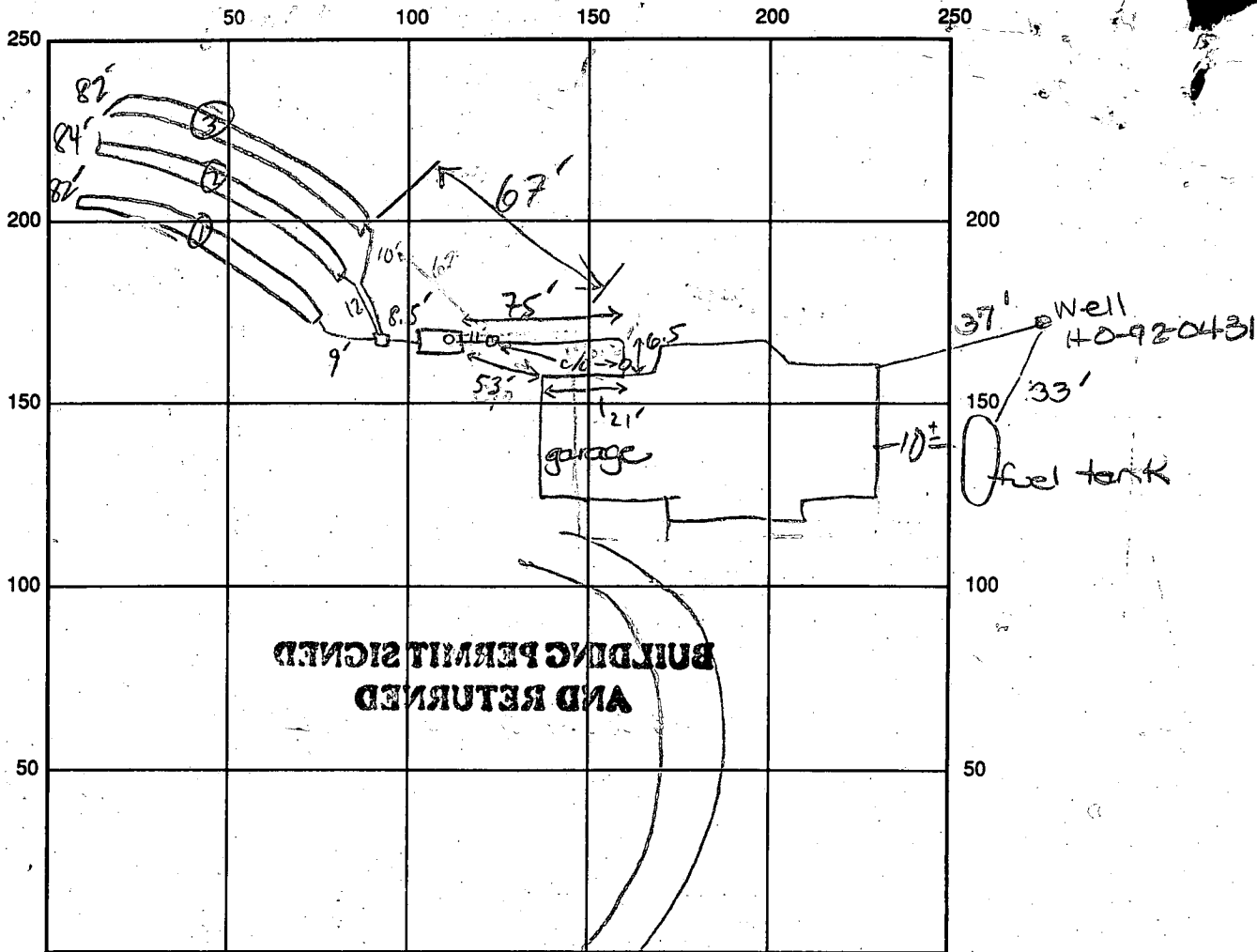
PERMIT VOID AFTER TWO YEARS

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**

A 315-419



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Cabin Branch Ct.

SEPTIC TANK LEVEL 1000 GAL? - OK CLEANOUTS 2 IN LINE 4 S.T. - OK

DISTRIBUTION BOX LEVEL OK - BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 1/2 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 082 @ 84 @ 82 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 0246 @ 252 @ 246 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 744 SQ. FT.

REMARKS: 2/15/94 OK TO COVER MR/DKS

DATE SYSTEM APPROVED 2/15/94

INSPECTOR [Signature]

1:00 P.M.
2/15/94

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043

~~461-9933~~
410-313-2640

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement _____

Receipt # 0
Date 1/31/94

Name of Installer WALTER W. KING PLBG.

Telephone 301-662-6990

License Number MD 2217
Certified Well Pump Installer _____

Well Driller _____

Registered Plumber

Name of Property Owner BILL NOVISEL
Subdivision FLORENCE EST. Lot # 20
Site Address 2140 CABIN BRANCH CT MT AIRY MD 21771

Telephone 301-948-6506
Well Tag # HO-92-0431

- Pump
- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
 - Make STA-RITE
 - Model # 7SP4D02TL
 - Capacity 7 GPM
 - Pump exceeds well capacity Yes _____ No
 - If Yes, is low pressure cutoff switch installed? Yes _____ No _____
 - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards Other _____

- Motor
- Horsepower 3/4
 - RPM 3500
 - Voltage _____
 - 110 _____
 - 220

- Pitless Adapter
- Make HARVARD
 - Model # PT 800
 - Depth 42"

- Tank
- Capacity 42 GAL
 - Pressure relief valve? YES

- Piping
- Type PLASTIC 160#
 - Size 1"
 - NSF and/or BOCA Code approved
 - Depth of supply line 42"

- Well data
- Depth 200 ft.
 - Yield 20 GPM
 - Static water level _____ ft.
 - Will water supply be disinfected by installer? YES

P.A. OK 4 B.G.
2/15/94 MR/DKS

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Walter W King

Date: 1-3-94

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

BUILDING SETBACK

MAINTAIN 18" OF
FINISHED COVER
OVER SEPTIC TANK
elevations OK
MR 10/8/93

SEPTIC
RESERVE
AREA

TRENCH
IN
644.00

PNY. ELEV.
647.50

BUILDING SETBACK

N 44° 40' 25" E

650

645

TANK

IN ELEV
645.50
OUT ELEV
645.20

OUT 646.00

HOUSE
FFE 647.90
BE = 638.50

SILK
FENCE

BUILDING

WELL

SETBACK

S 26

645

644

642

640

30'-0"

30'-0"

394.41'

35'-0"

135'-0"

65'-0"

75'-0"

PRELIMINARY

APPLICATION

A 31549

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4th

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

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. NOVICE!

ADDRESS 25641 Ridge Road, Damascus, Maryland 20750 PHONE 22

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. 28 22 20

ROAD AND DESCRIPTION Florence Road (2140 Cabin Branch Court) BLDG. PERMIT SIGNED

~~AND RETURNED~~ 10-8-81
Serial # 57805 - SFD - 3 Berrin

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 _____

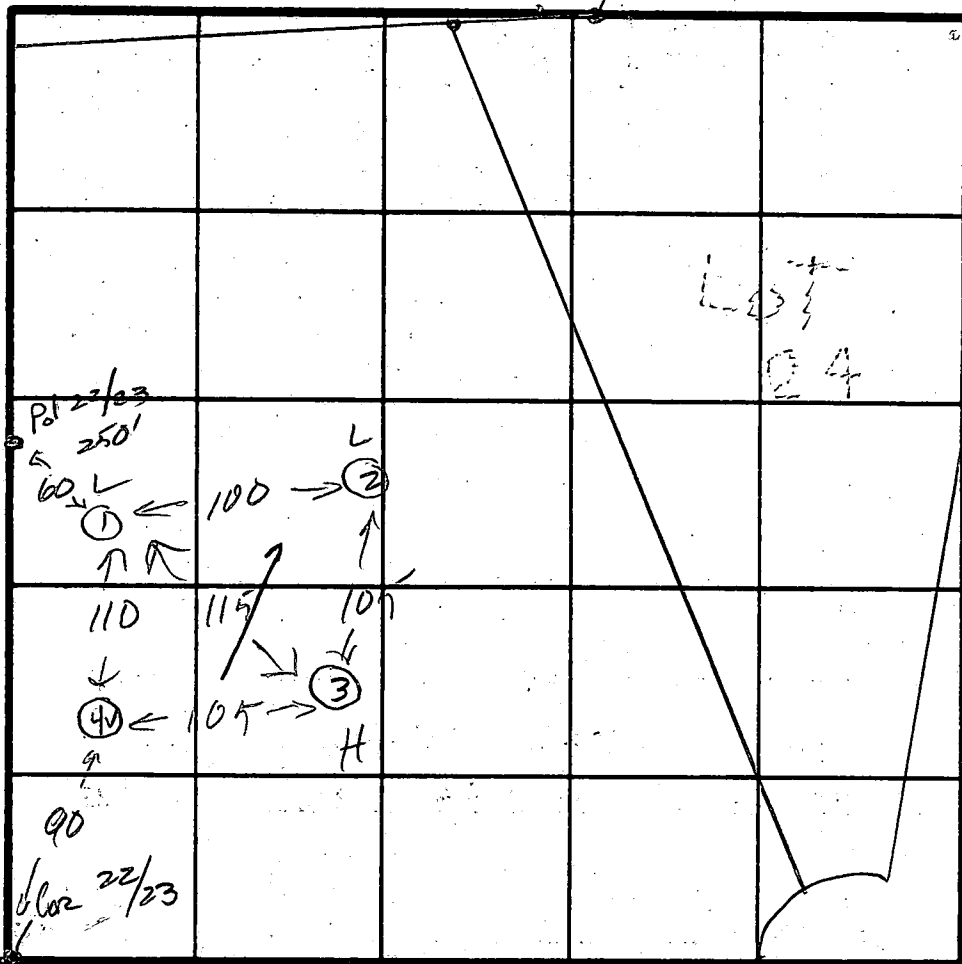
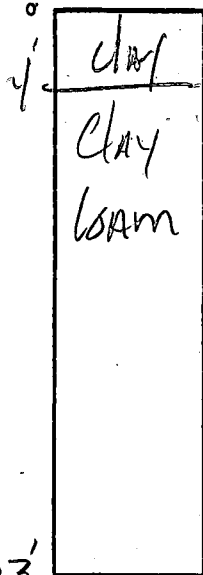
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

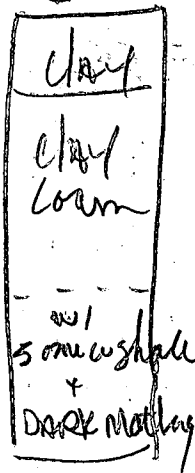
#23

1 2 3
SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

④



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/8/81	1	S 4'	11:16	11:20	11:20	11:25	5
		M 8'	11:16	11:25	11:25	11:47	22
	2	S 4'	11:17	11:21	11:21	11:31	10
		M 8'	11:17	11:25	11:25	11:37	12
	3	S 4'	11:23	11:29	11:29	11:43	12
		M 8'	11:23	11:26	11:26	11:35	9
	4	13'					

12 mi avg. inlet 4 ft.

REMARKS Shallow Systems? - (5 1/2' deep max [per Hole #4 and 240' per No test at #4 and 16 Min ave. on lot 19, - This strict design for First [whill] septic system only - repairs can be inlet @ 14', bottom @ 8' 310' to Move down Hill, RP 9/8/83

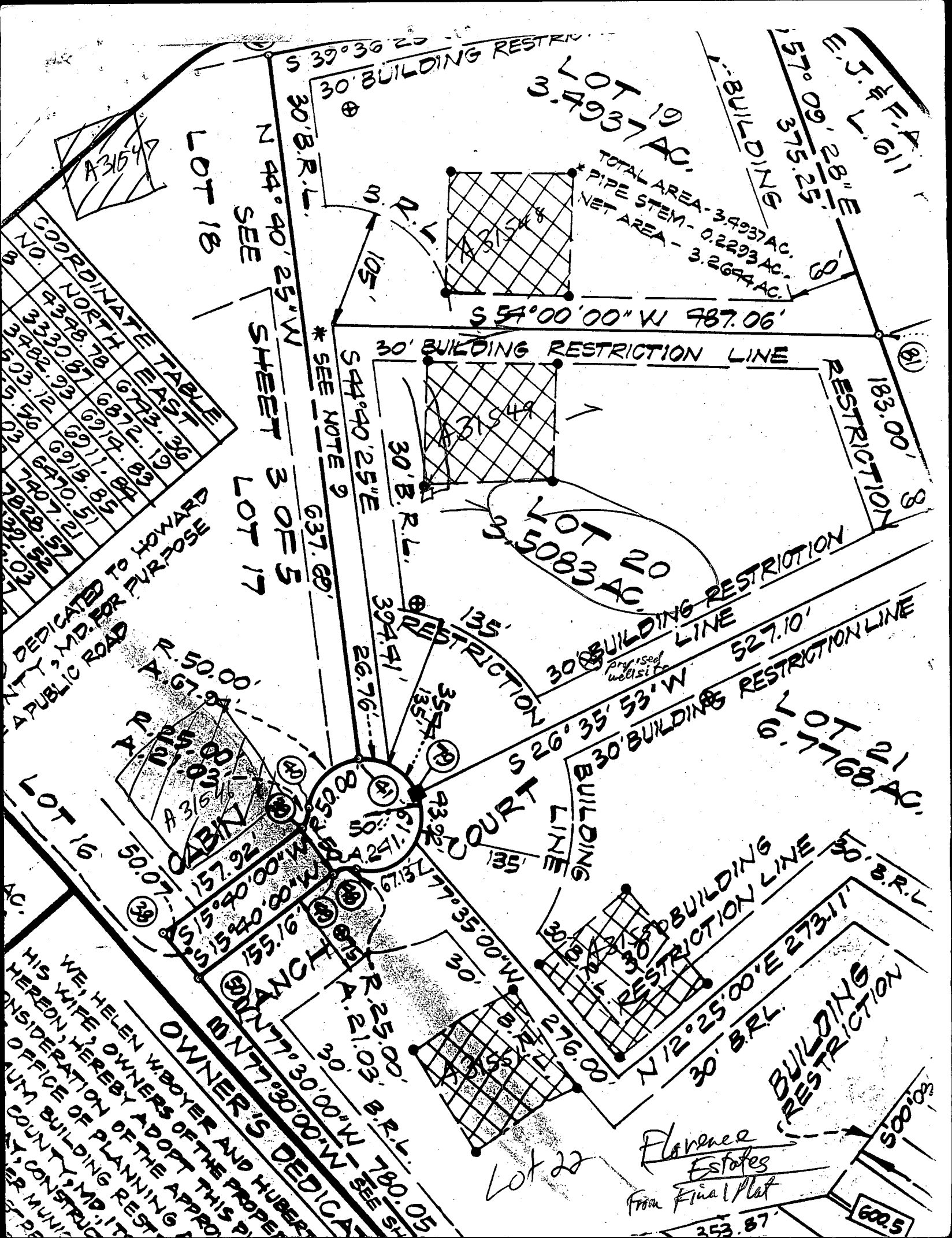
TESTED BY SK 9/8/81 ALSO PRESENT SIRKS

COORDINATE TABLE	
NORTH	EAST
0.00	0.00
1.00	1.00
2.00	4.00
3.00	9.00
4.00	16.00
5.00	25.00
6.00	36.00
7.00	49.00
8.00	64.00
9.00	81.00
10.00	100.00
11.00	121.00
12.00	144.00
13.00	169.00
14.00	196.00
15.00	225.00
16.00	256.00
17.00	289.00
18.00	324.00
19.00	361.00
20.00	400.00
21.00	441.00
22.00	484.00
23.00	529.00
24.00	576.00
25.00	625.00
26.00	676.00
27.00	729.00
28.00	784.00
29.00	841.00
30.00	900.00

DEDICATED TO HOWARD
 COUNTY, MD. FOR PURPOSE
 A PUBLIC ROAD

WE, HELEN W. BOYER AND HUBERT
 HIS WIFE, OWNERS OF THE PROPER
 HERON, HEREBY ADOPT THIS PLAN
 IN CONSIDERATION OF THE APPROV
 OFFICE OF PLANNING RESTRICTION
 COUNTY, MD. IT IS THE INTENT
 COUNTY, CONSTRUCTION OF THIS
 MUNICIPALITY.

OWNER'S DEDICATION



LOT 19
 3.4937 AC.

TOTAL AREA - 3.4937 AC.
 PIPE STEM - 0.2293 AC.
 NET AREA - 3.2644 AC.

LOT 20
 2.5083 AC.

Flavence
 Estates
 From Final Plat

600.5

220

WILLIAM J. SR. & R.E. BLACKERT
L. 578 P. 498

1386.00' Prelim Plat Florence Estates

375

0.23 AC.
3.26 AC.

183'

60' BRL

△ TOTAL AREA 7.02 AC.
FLOODPLAIN 4.11 AC.
NET AREA 3.51 AC.

625

67°

16 min. avg.
4' inlet

12 min. avg.
4' inlet

3.51 AC.
23

30' BRL

527

19

70

FOR FLAG OR PIPE STEM LOTS, REVERSE
COLLECTION, SNOW REMOVAL AND
638 MAINTENANCE ARE PROVIDED TO
THE JUNCTION OF THE FLAG OR PIPE
STEM LOT DRIVEWAY

435

30' BRL

60' BRL

537'
446'

100 R
WELL

29

13 min. avg.
4' inlet

17

30' BRL

522'

PROPOSED

COURT

60' BRL

768

13 min. avg.
4' inlet

23

22

4' inlet

527

14+82

BRL

21

20

20

20

20

20

20

20

20

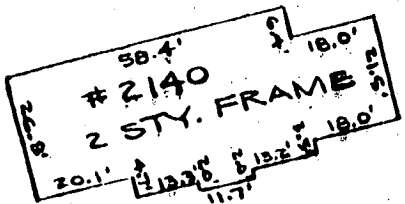
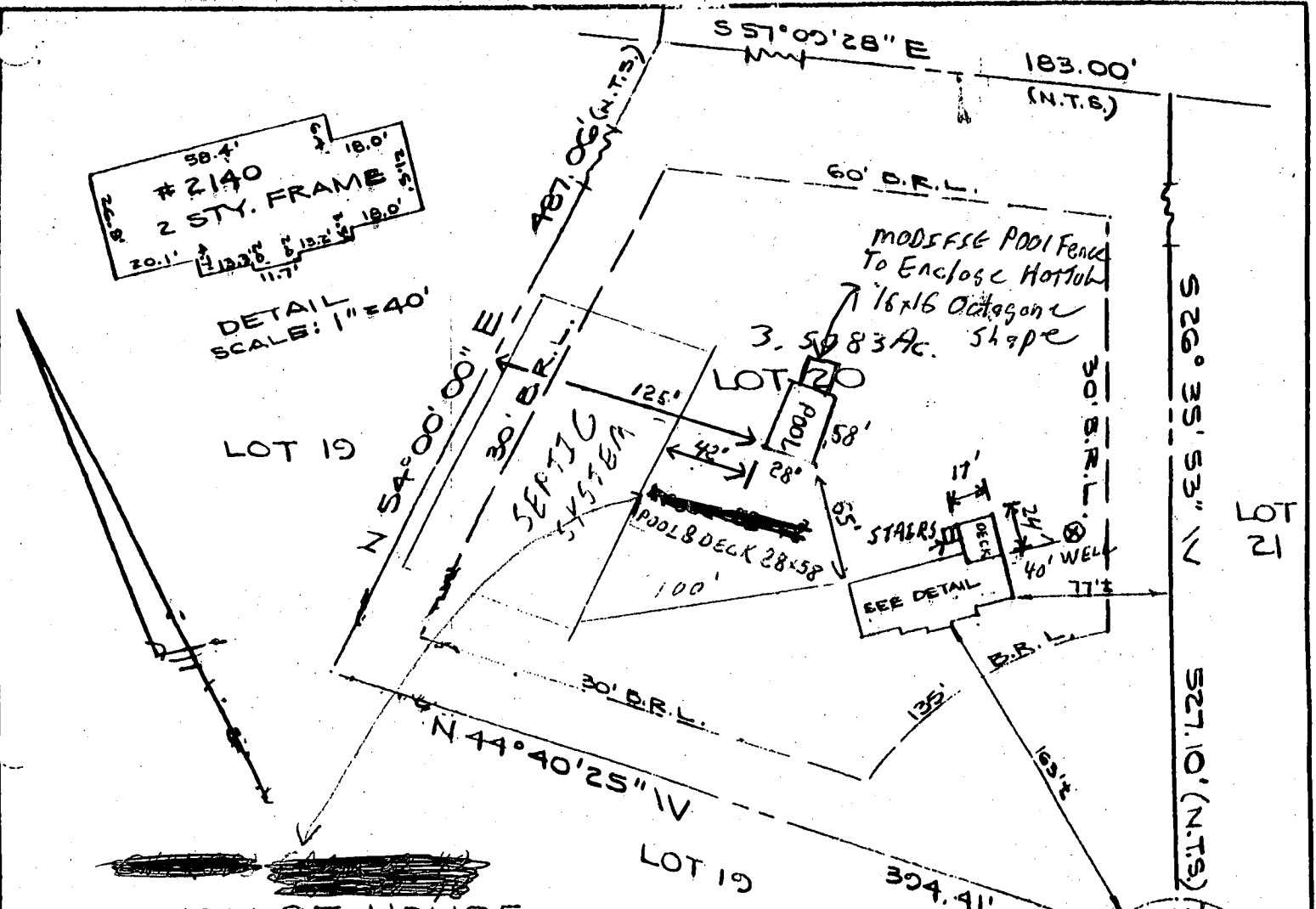
20

20

B00144511

CASE No. 1-5987-24

NOTE: This location for title purposes only - not to be used for determining lines. Property owner Markers Not guaranteed by this location



LOCATION OF HOUSE
LOT 20 ~ SECTION 2
FLORENCE ESTATES
HOWARD COUNTY, MD.



10/9/03
Fence loc. O.K.

NOTE: (N.T.B.) DENOTES NOT TO SCALE.

HUD FLOOD PANEL NO. 1240044-0012B

ZONE: C

CERTIFICATE I HEREBY CERTIFY THAT THE POSITION OF ALL THE EXISTING IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY A TRANSIT TAPE SURVEY AND UNLESS OTHERWISE SHOWN THERE ARE NO ENCROACHMENTS DAVID L. HALLER MARYLAND R.P.L.S. No. 240	REFERENCES PLAT ON HOWARD CO. PLAT NO. C.M.P. # 5897	HALLER ASSOCIATES SURVEYING-ENGINEERING-PLANNING (301) 663-1843 822 TRAIL AVENUE, FREDERICK, MARYLAND 21701	
	LIBER FOLIO	DATE OF SURVEYS WALL CHECK 11-12-93 M&E LOC 01-07-94 BOUNDARY	SCALE: 1" = 80' DRAWN BY HLR JOB NO 93-7870

B 1 09070 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS)

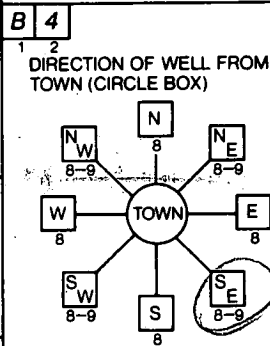
STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER
HD-92-0431
fill in this form completely

Date Received (APA) 073093
OWNER INFORMATION
MOKISEL WILLIAM JR
15 Last Name 34 Owner First Name
13047#B SHADYSIDE LN
36 Street or RFD 55
GERMANTOWN MD 20874
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
1 HOWARD 21
8 COUNTY
2 FLORENCE ESTATES 42
23 SUBDIVISION
SECTION 2 44 46 LOT 20 48 50
MT AIRY 71
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 3 73 76 77 78 MI

DRILLER INFORMATION
George F. Easterday
Driller's Name
L. Franklin Easterday, Inc.
Firm Name
9265 Brown Church Rd., Mt. Airy, Md. 21771
Address
George F. Easterday 7/29/93
Signature Date



CABIN BRANCH CT 30
11 NEAR WHAT ROAD
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
NORTH N
WEST W EAST E
SOUTH S
34 200 37 DISTANCE FROM ROAD
ENTER FT or MI FT 38 39

B 2 WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

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.
O 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard
COUNTY NAME
A31549
COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 082093
43 CO SIGNATURE 48 EXP. DATE 8-20-94
NORTH GRID 539000 55 EAST GRID 0761000 57 63

APPROXIMATE DEPTH OF WELL 200 24 28 FEET

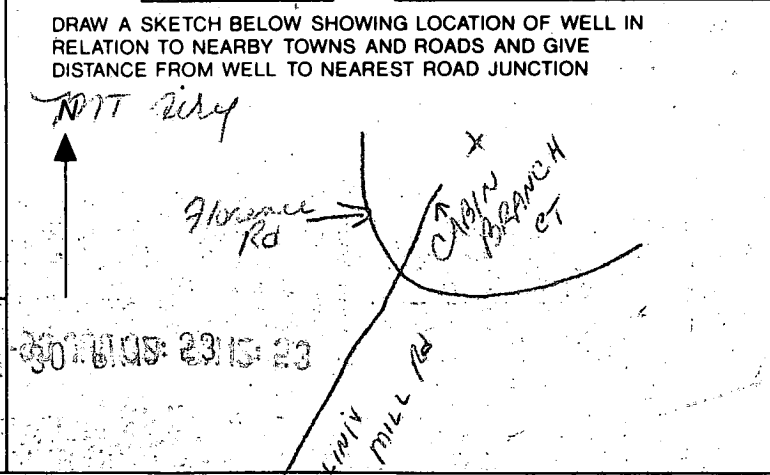
APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)
30 37
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
E 7601
N 5309
000 000

X 9/14/93 14:30
Not Insf
RP

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
39 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) 41 52



Not to be filled in by driller. (OEP USE ONLY)
APPROP. PERMIT NUMBER GAP 54 63
FORCE 167 88 WRITE INITIALS IN BOX PERMIT No. HD-92-0431
H 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS
Maintain a minimum 130+ ft well to septic distance
COUNTY

C1 0481

SEQUENCE NO. (DENV 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 A31549

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 091593

Depth of Well 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" #0-92-0481

OWNER: last name: Hovickal, first name: William, TOWN: ... SUBDIVISION: ... 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: TOP SOIL, Sandy clay, brown shale, blue slate, brown slate, blue slate, brown slate, blue & brown slate, Slate Mixed, blue slate.

GROUTING RECORD WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS: 8 NO. OF POUNDS: 200 GALLONS OF WATER: 40 DEPTH OF GROUT SEAL: from 0 to 18 ft.

CASING RECORD casing types insert appropriate code below: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). MAIN CASING TYPE: ST, Nominal diameter: 6, Total depth: 50.

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

SCREEN RECORD screen type or open hole insert appropriate code below: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER).

DEPTH (nearest ft.) 48, 200. SLOT SIZE 1, 2, 3. DIAMETER OF SCREEN (NEAREST INCH) from to.

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (TELESCOPE CASING), E.R.O.S., WQ (LOG INDICATOR), OTHER DATA.

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE: bucket WATER LEVEL (distance from land surface) BEFORE PUMPING: 69 WHEN PUMPING: 78 TYPE OF PUMP USED (for test): S (submersible).

PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (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).

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL). Well 75' side line.

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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT... DRILLERS IDENT. NO. 40 DRILLERS SIGNATURE: Charles E. ... SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

