

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DISTRICT 5th
DATE 10/27/88
DATE SYSTEM APPROVED 11/1/88
INSPECTOR C. Bel

10/310 P.C.O.
C.B.O.

File

Andy P. Snow

IS PERMITTED TO INSTALL X ALTER

ADDRESS 14196 Frederick Road, Cooksville, MD 21723 PHONE 854-6190

SUBDIVISION Branson Property ROAD 12090 Hall Shop Road (off Pleasant View Dr Hwy) Taxmap 41 P455

PROPERTY OWNER Gerald Bowen - 596-9306 as of 3/6/97 Pres Parcel A of Fulton Manor East Subdiv

ADDRESS 117 Hamilton Avenue, Silver Spring, MD 20901 Phone: 589-3488

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

GARBAGE GRINDER? YES NO X

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 200 sq. ft. absorbent sidewall area per bedroom. Trench to be 3 ft. wide. Inlet 3 ft. below original grade. Bottom maximum depth 5 ft. below original grade. Effective area begins at 3 ft. below original grade. 2 ft. of stone below distribution pipe. SHALLOW SYSTEM ONLY. Beginning from the left front (1100.18'/542.17') lot corner, start the first trench 400 ft. down the left (1100.18') lot line and 90 ft. off the left line as seen when facing property from Hall Shop Road. Run trenches along contour towards the left and rear lot lines.

OKICW

PLANS APPROVED BY Sid Abel DATE 9/2/88

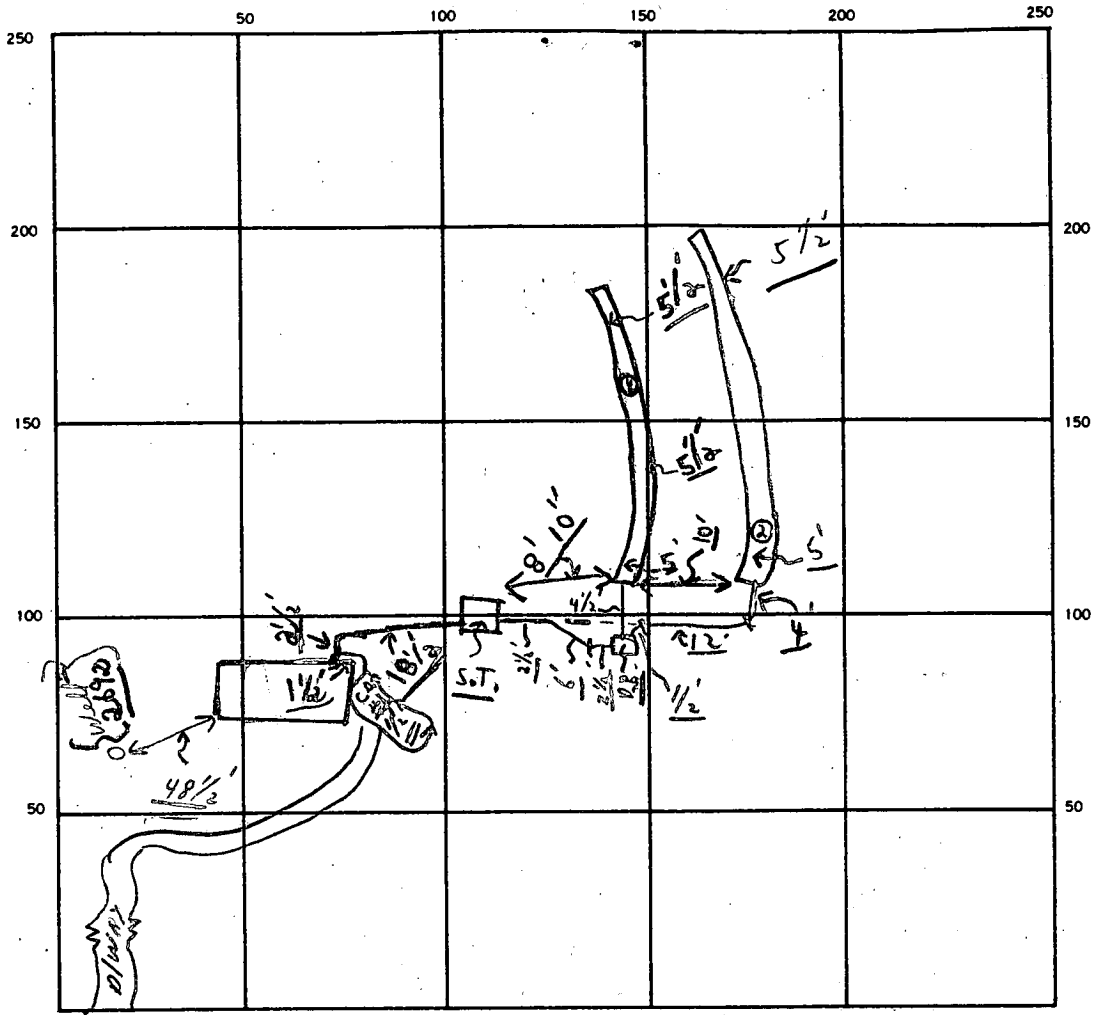
- COVER NO WORK UNTIL INSPECTED AND APPROVED.
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS.
NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E., TANK, DISTRIBUTION BOX, TRENCHES) TO BE 100 FEET FROM WELL. (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)
NOTE: IF DEEP TRENCH(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).
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.

EH - 2-1186

A 39311



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

HALL SHOP ROAD

CHEVY DEALER

SEPTIC TANK. LEVEL OK

CLEANOUTS ^{#1} OK / OK

DISTRIBUTION BOX. LEVEL "Ball has in + oh"

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

EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH 101 } 205 FT.

NUMBER OF TRENCHES 2 ONE-SIDEWALL/BOTTOM AREA 615 SQ. FT.

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

ABSORBENT AREA 615 SQ. FT.

REMARKS 10/31/88 Septic inspection at 12:00 - ; no pipes for stones in trench all the way to bed (partial); "1/100 kind - OK TO COVER ALL WORK. CRD"

DATE SYSTEM APPROVED 11/1/88

INSPECTOR Charles Bryan Sturken

APPLICATION

Prelim
5/28
1:30

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 39311
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT _____

DATE 5/5/87

5-6-87
OK TO PROCESS
SK

DATE CALLED Sylvia's Sec.
5-7-87 SK

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 Margaret Branson

ADDRESS 12100 Hall Shop Road PHONE _____

PROPERTY LOCATION: Gerald Bowen

SUBDIVISION 117 Hamilton Ave LOT NO. 1

ROAD AND DESCRIPTION St. Sp. 20901
West side of Hall Shop Road, North of Simpson Road

12090 Hall Shop Rd.

SIZE OF LOT 17 acres ± TYPE BLDG. SFD

(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. Sylvia Ben

(SIGNATURE OF APPLICANT)

APPROVED BY Edell FOR Standard Lunch DATE 9-2-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

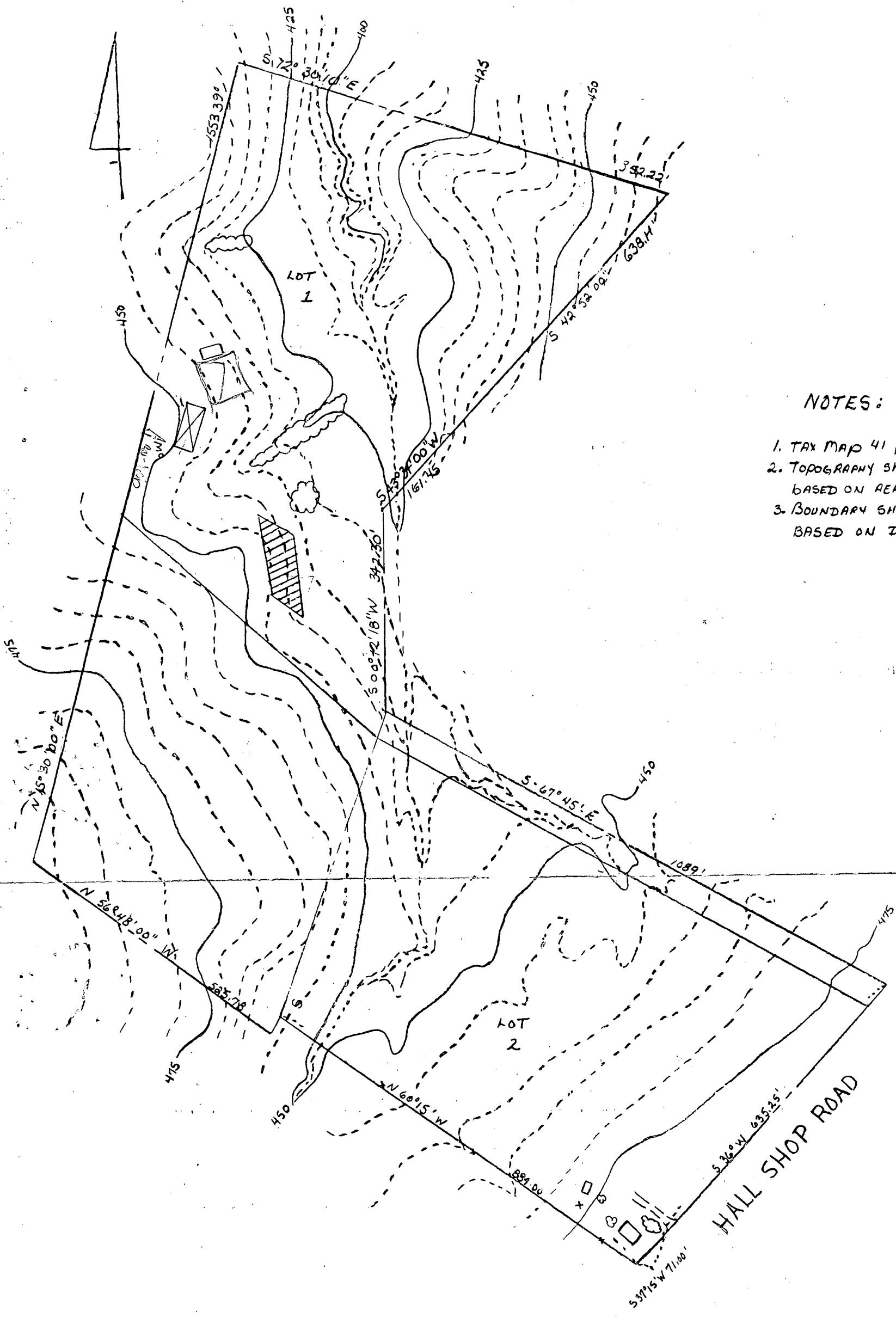
REASONS FOR REJECTION OR HOLDING 5-28-87 Perc Satisfactory - Hold for Plat - well site has

been approved SK

BLDG. PERMIT SIGNED
AND RETURNED 9-2-88

BP 21166
506

THIS IS NOT A PERMIT



NOTES:

1. TAX MAP 41, PARCEL 131
2. TOPOGRAPHY SHOWN HEREON BASED ON AERIAL TOPD.
3. BOUNDARY SHOWN HEREON BASED ON DEED PLOTTING.

TITLE: PERCOLATION TEST PLAT				
PROJECT: BRANSOM PROPERTY				
LOCATION: 5 TH ELECTION DISTRICT HOWARD CO., MD.				
SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	DATE:
1" = 200'				5/1/87
FIELD BOOK:	PAGE NO.:	JOB NO.:	DRAWING NO.:	
		8722	1 of 1	

boender associates
inc.
consulting engineers
land surveyors
land planners

COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD. 21043
(301) 465-7777

LOT 1 BRANSON PROP

492 290.805
S1746d.751

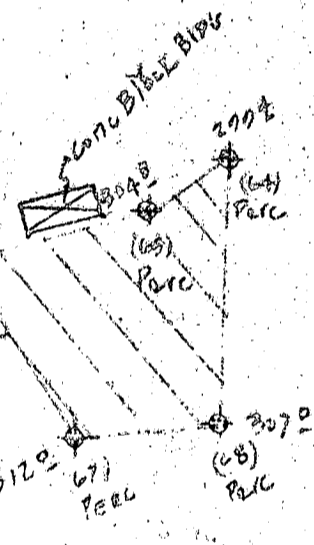
S. 78° 43' 55" E 840.19'

(49) Iron Pipe
F.L. (50)
F.L. (51)
F.L. (52)
F.L. (53)
F.L. (54)
F.L. (55)
F.L. (56)

S.D. (13)

(58) F.L. S.E. (12) (59) F.L. (60) F.L.

1646.58
1100.18



(17) 9'H

5.000 AC. ±

N 05° 46' 17" E

N 84° 33' 17" W 542.17'

49 290.569
S1746d.733

TO HALL SHOP ROAD



B 1 3662 SEQUENCE NO. (DP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type.

STATE PERMIT NUMBER

40-81-2692

fill in this form completely

OWNER INFORMATION
Date Received (APA) 032388
BOWEN GERALD
117 HAMILTON AVE
SILVER SPRING MD 20901

LOCATION OF WELL
TOWARD
8 COUNTY
BRANSON PROPERTY
23 SUBDIVISION
SECTION LOT 1 (MAP #18/0 P.131)
HIVE AND
52 NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) 3 MI

DRILLER INFORMATION
Joseph H. Magee 238
Joseph H. Magee WELL DRILLING
5512 Ridge Rd. Mt. Airy, Md. 21771
Joseph H. Magee 3/16/88

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
NEAR WHAT ROAD Hall Shop Rd.
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 1.600 FT

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 A-39311
COUNTY NAME COUNTY NO.
STATE SIGNATURE DATE ISSUED
B Nuyon 10/25/88
NORTH GRID 498000 EAST GRID 0818000

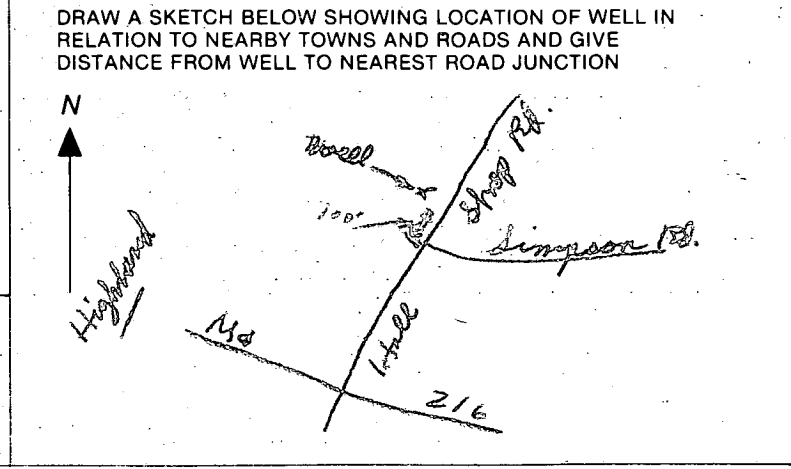
APPROXIMATE DEPTH OF WELL 300 FEET

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

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
5/3/88
72" PIP
32" ORON
8 BAGS
LOCATION OK/SA
S. AGE

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 PERMIT NO. 40-81-2692

SPECIAL CONDITIONS

C1 7770 (THIS NUMBER IS TO BE PUNCHED IN COLS 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A 39311

DATE Received [] DATE WELL COMPLETED 150498 Depth of Well 22 45 26 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-2692

OWNER BRANSON last name STREET OR RFD HILL SHOP ROAD first name TOWN HIGHLAND SUBDIVISION BRANSON PROPERTY SECTION MAP 41 P/O P. 131 LOT 1

WELL LOG 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 FROM TO Check if water bearing SANDSTONE 0 36 GRAY MICIA ROCK 36 245

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES (Y) NO (N) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 8 NO. OF POUNDS 152 GALLONS OF WATER 48 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 35 ft.

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) S-1 A 42

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

SCREEN RECORD screen type or open hole insert appropriate code below STEEL BRASS OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51

- 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 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. 238 DRILLERS SIGNATURE [Signature]

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

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 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 14 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 10 WHEN PUMPING 46 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) 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) + above LAND SURFACE - below (nearest foot)

