

9/25/81 FILE APPROVED P 31583 C.B.S. A 31006

PERMIT

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

9/25/81
a.m.
+ HOWARD COUNTY
around 3:00

03-288285

ELLICOTT CITY
DISTRICT 3rd

INDEX

DATE 8/24/81

Paul Schissler IS PERMITTED TO INSTALL X ALTER

ADDRESS 7311 Brangles Road PHONE 795-2642

SUBDIVISION ROAD 10364 Route 99 LOT

PROPERTY OWNER Thomas Bustard *on the Reg look for*

ADDRESS 2758 Deerfield Dr., Ellicott City, Md *number sign (Florian)*

SPECIFICATIONS 3 Bedroom *turn right -*

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 125 SQ. FT. per bedroom below inlet.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 9 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN FACING LOT FROM

Location: Per sketch plan of 1/81 from Boender Assoc. 150 ft. down line N 69° 14'00" E from ~~Boender~~ point of line N 69° 14'00" E and N 17° 38'00" E and in 120 ft. from N 69° 14'00" E.

NOTE: Okay to use trench off dry well to make up absorbent sidewall area in system leave 5 ft. earth buffer between trench and dry well. Trench to follow contour of the land. Call for 2 inspections before and after gravel is installed.

PLANS APPROVED BY C.B. Streaker DATE 11/7/80

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

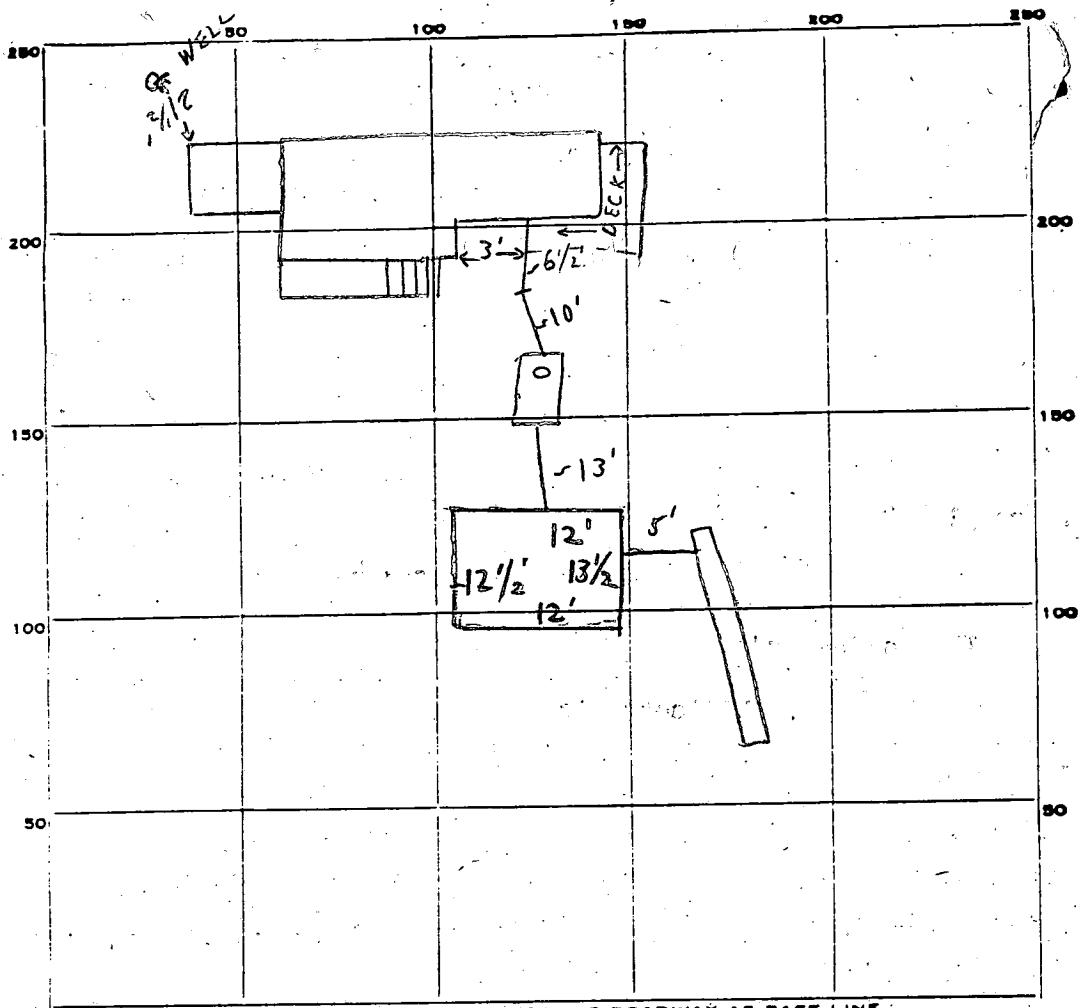
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA

COTTA ACCEPTED.

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

PERMIT SIGNED
AND RETURNED 6/18/81
800130869 - above
ground pool. 38x18

A 31006



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD S.T. | D.W.

SEPTIC TANK, LEVEL CLEANOUTS

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 1/2 IN. TOTAL LENGTH 18 FT. 117

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 50 FT. DEPTH BELOW INLET 6 + 300 FT.

ABSORBENT AREA 417 SQ. FT.

REMARKS 9/25/81 OK to add stone in trench. ↓

9/25/81 P.M. - SYSTEM COMPLETE
C.B.D

3/1/82 - Well cap approved. Replaced Broken Cap. - RMR

DATE SYSTEM APPROVED 9/25/81 INSPECTOR C. B. Stenker

PRELIMINARY

APPLICATION

Approved
11/15/80
9:30 A.M.
Cancelled per office
Heard

11/7/80

9:30 A.M.

SEWAGE DISPOSAL TESTING

A 31006

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

Septic Tank { 1-3 Bedrooms 1000 gallons
 { 4 Bedrooms 1250 gallons

Dry well to have 125 sqft per bedroom below inlet. Inlet to be

DISTRICT 3rd

DATE 10/30/80

3' below original grade and maximum depth of dry well to be 9 1/2' below original grade, location: Per sketched plan of '81 from Boender Assoc. - 150' down line N69°14'00"E from point of line N69°14'00"E and N17°38'00"E and in 120' from line N69°14'00"E.

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 Thomas Bustard property

ADDRESS _____ PHONE 465-7777 - Jack Boender

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Helpeg Lane - off Route 99

SIZE OF LOT 5.35 acres (tax map 17 par. 162 1021/514) TYPE BLDG. 3 or 4 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.

BLDG. PERMIT SIGNED

AND RETURNED #46689

on 5/25/81 for S.F.D.

SIGNATURE OF APPLICANT /s/ Jack Boender for Thomas Bustard

TENTATIVE

APPROVED BY C. B. Steaker FOR Dry Wells DATE 11/7/80

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 11/7/80 Holding for certified holes.

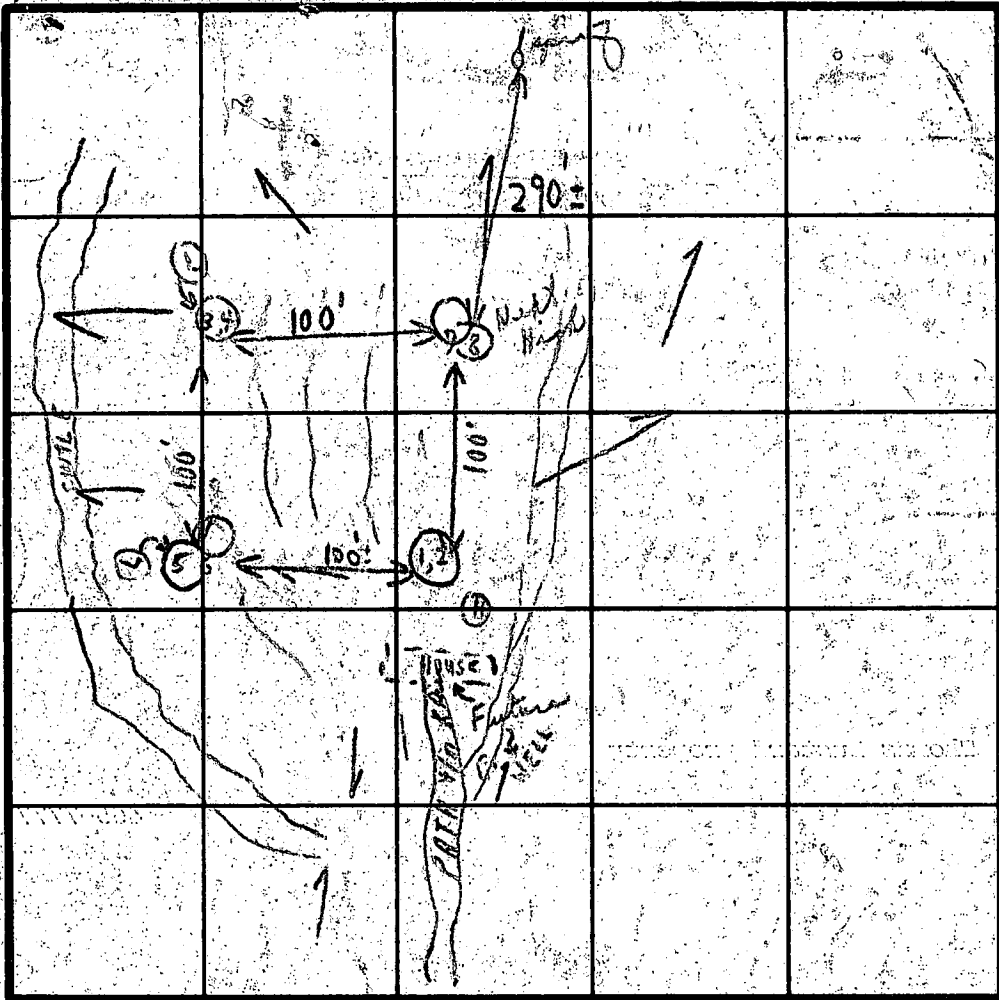
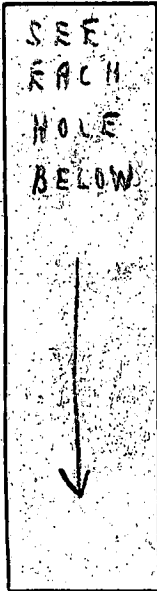
12/80 recommend system perched. 11/10/80 C.B.S.

memo to certify holes via secretaries to Mr. Boender's office - attention JOHN Boender property owner's representative.

THIS IS NOT A PERMIT

5 acres

SOIL PROFILE



FIELD SHEET

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

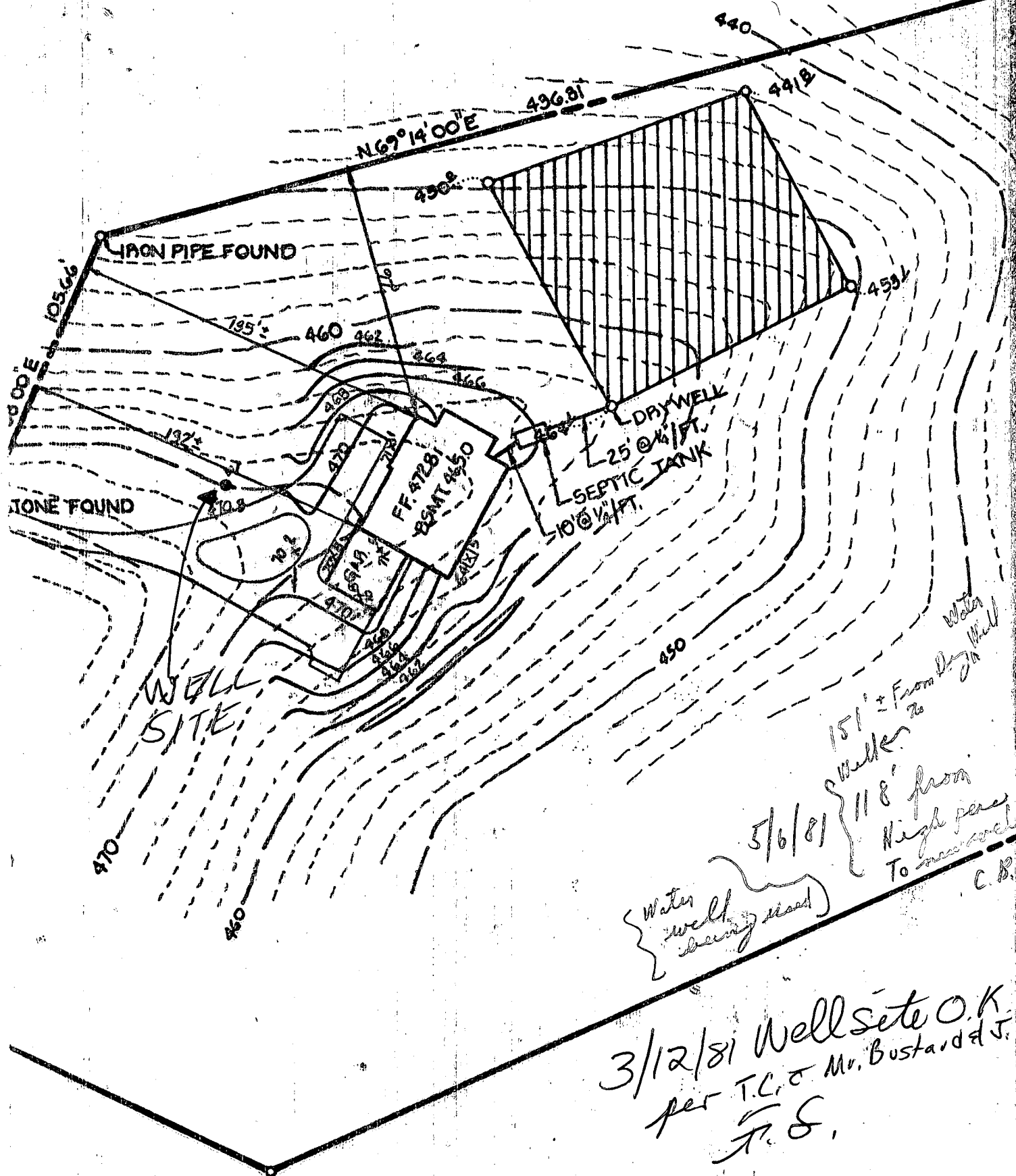
HELL PEG RD.

DATE	TEST NO.	DEPTH	PRE-WET		TEST 1" DROP		TIME
			START	STOP	START	STOP	
11/7/80	1	3 1/2'	10:13	10:16	10:16	10:26	10 min
	2	12'	10:51	10:53	10:53	11:07	4 min
	3	2'	10:38	10:40	10:40	10:44	4 min
	4	12'	10:38	10:38	10:38	10:52	14 min
	5	2 1/2'	11:07	11:09	11:09	11:13	4 min
	6	13'	11:05	11:07	11:07	11:11	4 min
	7	2 1/2'	11:20	11:22	11:22	11:26	4 min
		12'-9"					

SOIL PROFILE
 3 1/2' - 11 1/2' Bl. B. loam
 1' - 2' clay
 2' - 12' sand same as above
 1' - 2' clay
 2 1/2' - sand
 1' - 2' clay
 2' - 12' SANDY LOAM

Aug 13/80

REMARKS: TESTS IN WOODS @ END OF ROAD } HOLES NOT STAKED
 TYPE OF SOIL: Recommended for... NO LOT LINES SEEN } HOLD FOR CERTIFIED HOLES
 TESTED BY: C. B. ... } ALSO PRESENT: BOENDER'S MAN, WEMKO D. DEJES, MA. BASTARD



3/12/81 Well site O.K.
 per T.C. & Mr. Bustard & J. Reeves
 J.S.

2/9/81 This is copy
 of what went to
 Dr. Boyd for signature
 today J.S.

- HOUSE
- FF = 472.8
- BSMT = 464.6
- INV. OUT = 462.13 ✓
- SEPTIC TANK
- EX. GR. = 465.5
- FIN. GR. = 466.0
- INV. IN = 461.92 ✓
- INV. OUT = 461.62 ✓
- DRYWELL
- EX. GR. = 464.1
- FIN. GR. = 464.1
- INV. IN = 461.1 ✓

B 1 0380 SEQUENCE NO. WRA USE ONLY

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

40-73-3837

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

please print or type

fill in this form completely

DATE RECEIVED 3/6/81 #2 1.30 5/6/81 OWNER INFORMATION Bustard Tom LAST NAME 2758 Deerfield Dr FIRST NAME 34 E. Elliott Ct Md STREET OR RFD 55 TOWN 57 STATE 76 ZIP

B 3 LOCATION OF WELL COUNTY Howard SUBDIVISION NEAREST TOWN Woodstock MILES FROM TOWN 3

B 1 CONTINUED DRILLER INFORMATION George Easterday 40 DRILLER'S NAME 77 LICENSE NO. 80 Signature George Easterday 3-28-81 DATE

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) S NEAR WHAT ROAD Hel Pas Rd ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) FT DISTANCE FROM ROAD 800

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 600

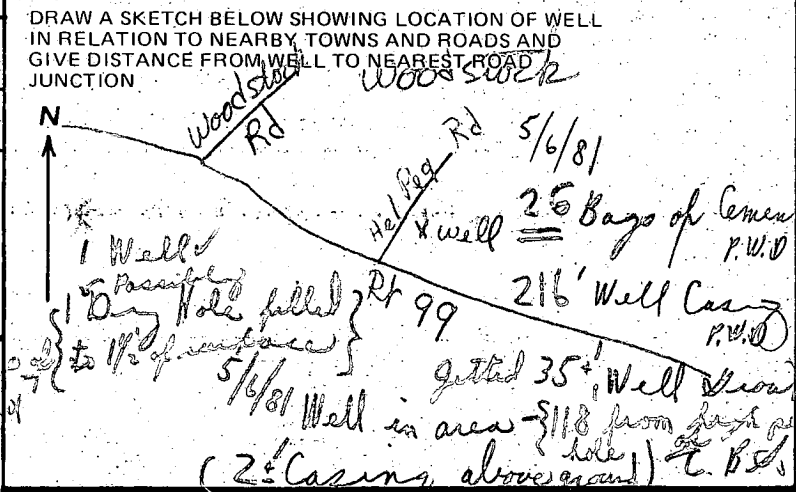
SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX WRITE THE BOX NUMBER FROM THE MAP HERE 830 530

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. 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)

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) CABLE REVERSE ROTARY DRIVE POINT ROTARY other

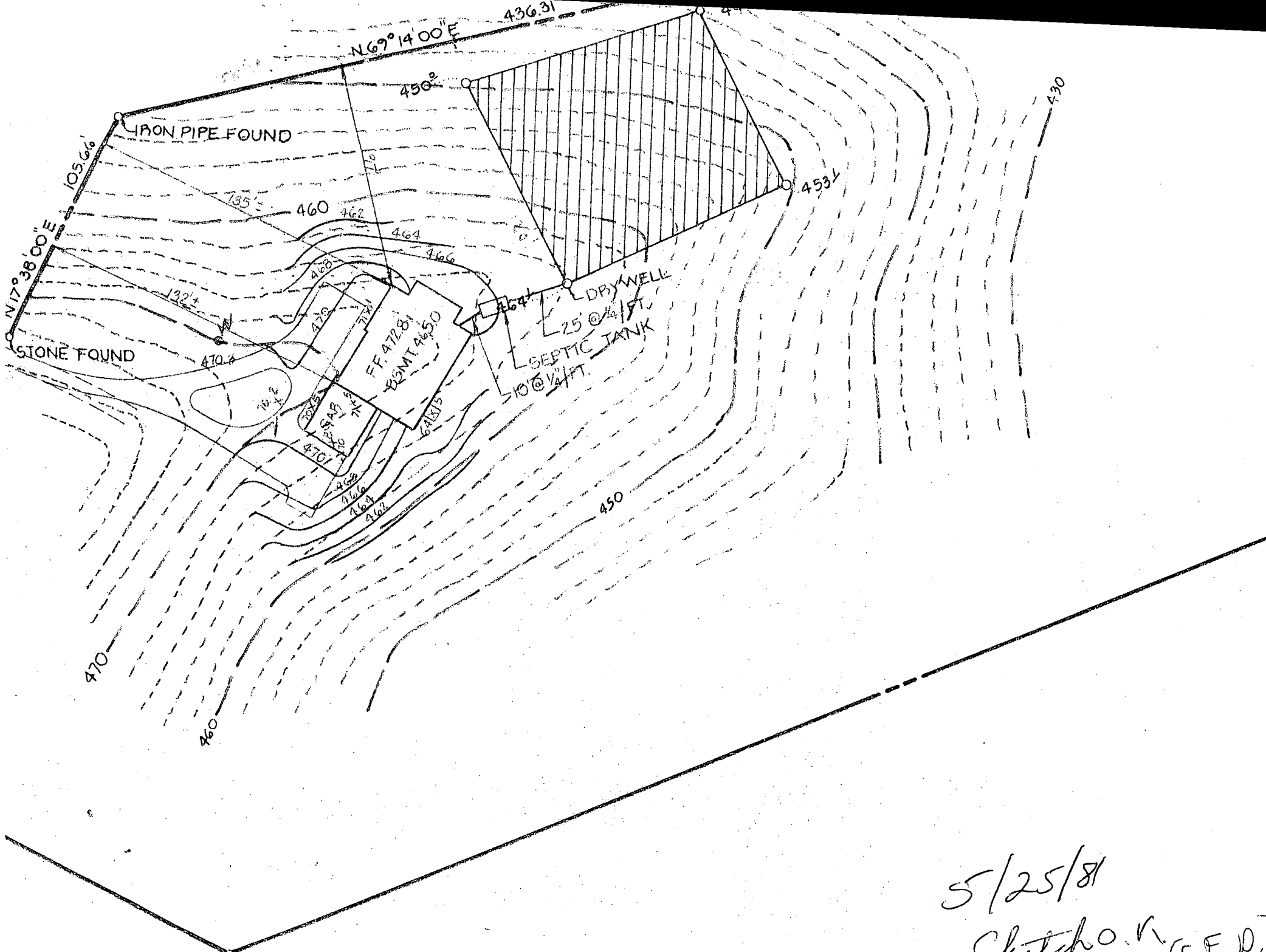
REPLACEMENT OR DEEPEMED WELLS (Circle Appropriate Box) N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52



Not to be filled in by driller (WRA USE ONLY) APPROX. PERMIT NUMBER GAP FORCE INITIALS CONDITIONS SPECIAL CONDITIONS

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD A31006 COUNTY NAME STATE HEALTH SIGNATURE Frank Skinner, Sanitarian DATE 3/11/81

B 5 SPECIAL CONDITIONS (WRA USE ONLY)



5/25/81
 Sketch of
 B.P. 46689 (S.F.D.)
 J.S.

HOUSE
 FF = 472.8
 BSMT = 464.6
 INV. OUT = 462.13 ✓
 SEPTIC TANK
 EX. GR. = 465.5
 FIN. GR. = 466.0
 INV. IN = 461.92 ✓
 INV. OUT = 461.62 ✓
 DRYWELL
 EX. GR. = 464.1
 FIN. GR. = 464.1
 INV. IN = 461.1 ✓

FORWARD COPY

C1 8207 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED COUNTY NUMBER A 31006

Date Received (WRA use only) 5/16/81 DATE WELL COMPLETED

Depth of Well 240 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-3837

OWNER Bustard Tom last name first name STREET OR RFD Hel Peg Road TOWN Woodstock SUBDIVISION SECTION LOT

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include SILT + SAND, SAND, SILT + SAND, SAND.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 26 NO. OF POUNDS 2600 GALLONS OF WATER 130 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE S T Nominal diameter top(main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 216

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

SCREEN RECORD screen type or openhole insert appropriate code below ST BR HO PL OT STEEL BRASS OPEN HOLE PLASTIC OTHER

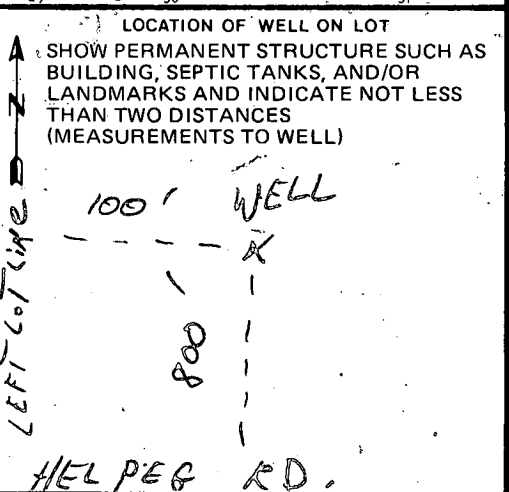
EACH SCREEN 1 2 3 DEPTH (nearest ft.) SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST HOURS PUMPED (nearest hour) 8 PUMPING RATE (gal. per min. to nearest gal.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 40 WHEN PUMPING 180 TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO Y N IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS, EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O) 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 2' (nearest foot)



NOTE - GRAVEL FROM 200 TO 240 FT INSIDE CASING

- CIRCLE APPROPRIATE BOX 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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

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)

