

10/13/81 FILE APPROVED
P 37642 C.B.S.

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 4th

DATE 10-2-81

INDEX

10/8/81
10/9/81 around 2:00 P.M.

A 29821

Gerald Monaghan

IS PERMITTED TO INSTALL ALTER

ADDRESS 221 Oregon Rd., Stevensville, Md

PHONE 255-6545

SUBDIVISION Woodcamp Farms

ROAD

17527 Woodcamp Road
Hardy Road

LOT 13

PROPERTY OWNER Charles Dixon

ADDRESS 17527 Woodcamp Road Mt. Airy, Md.

SPECIFICATIONS 4 Bedrooms

SEPTIC TANK CAPACITY 2500 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 166 SQ. FT. per bedroom

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

EFFECTIVE DEPTH AT 4 FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 155 FT. FROM front LOT LINE AND 90 FT. FROM left side property line

when FACING LOT FROM road.

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.

NOTE: For dry well and trench, leave 5 ft. earth buffer between dry well and trench.

PLANS APPROVED BY Frank Skinner

DATE 10-2-81

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.

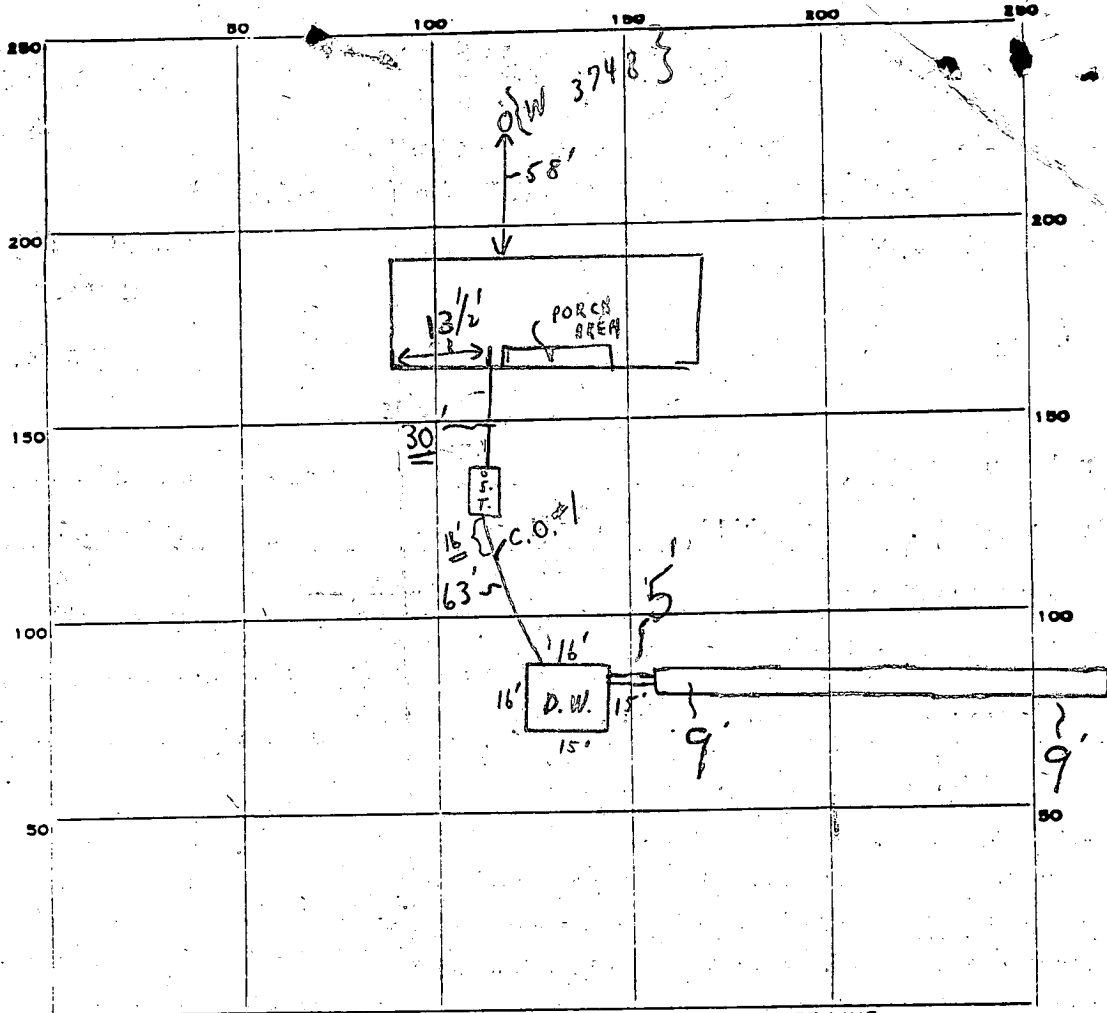
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 TERRAZO ACCEPTED.

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

A 29821



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.
WOODCAMP ROAD

PERMIT CARD

SEPTIC TANK, LEVEL

DISTRIBUTION BOX, LEVEL

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

GRAVEL DEPTH 1/2-7-FIRST 38' TOTAL LENGTH 73 FT. 365
6' AVE. 35'

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 5 (EFF) FT. 300 #1

ABSORBENT AREA 665 SQ. FT.

REMARKS 10/8/81 (1) CHECKED - NEED TRENCH YET - NOT READY, NEED CLEANOUTS
ON SEPTIC TANK, DRY WELL, AND IN LINE BETWEEN TANK + DRY WELL,
10/8/81 (2) TRENCH OK FOR STONE - ONLY. TO CALL FOR FINAL. 10/9/81 P.M. C.B.D
OK TO COVER FROM HOUSE AND FIRST 30' OF TRENCH - NEED TO SEE
LAST 43' OF TRENCH - TO CALL. 10/13/81 TRENCH - COMPLETE. C.B.D

DATE SYSTEM APPROVED 10/13/81

INSPECTOR C. B. Shaker

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 29821
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th.
DATE 5/8/79

Drywell Inlet max. 3 1/2' B.O.G. eff. area starts at 4'
total max depth 9' " " "

166 Sq. Ft per bedroom (min. of 400 Sq. Ft. for the system)

location 155 ft. from the front & 90 ft. from the left side
prop. lines as seen from road.

BLDG. PERMIT SIGNED
AND RETURNED 1/24/81
Serial # 45457

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 Wayne C. Hough Charles Dixon
17740 Hardy Road 17527 Woodcamp Rd Boender Associates
ADDRESS Mt. Airy, Md. 21771 Mt. Airy, Md. PHONE 465-7777

PROPERTY LOCATION: 13
SUBDIVISION Woodcamp Farms LOT NO. 17, Section 1
ROAD AND DESCRIPTION Hardy Road

SIZE OF LOT 3 Acres m/1 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.

SIGNATURE OF APPLICANT /s/ Wayne C. Hough

APPROVED BY Frank Skinner FOR Drywell & trench DATE 10/2/81

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

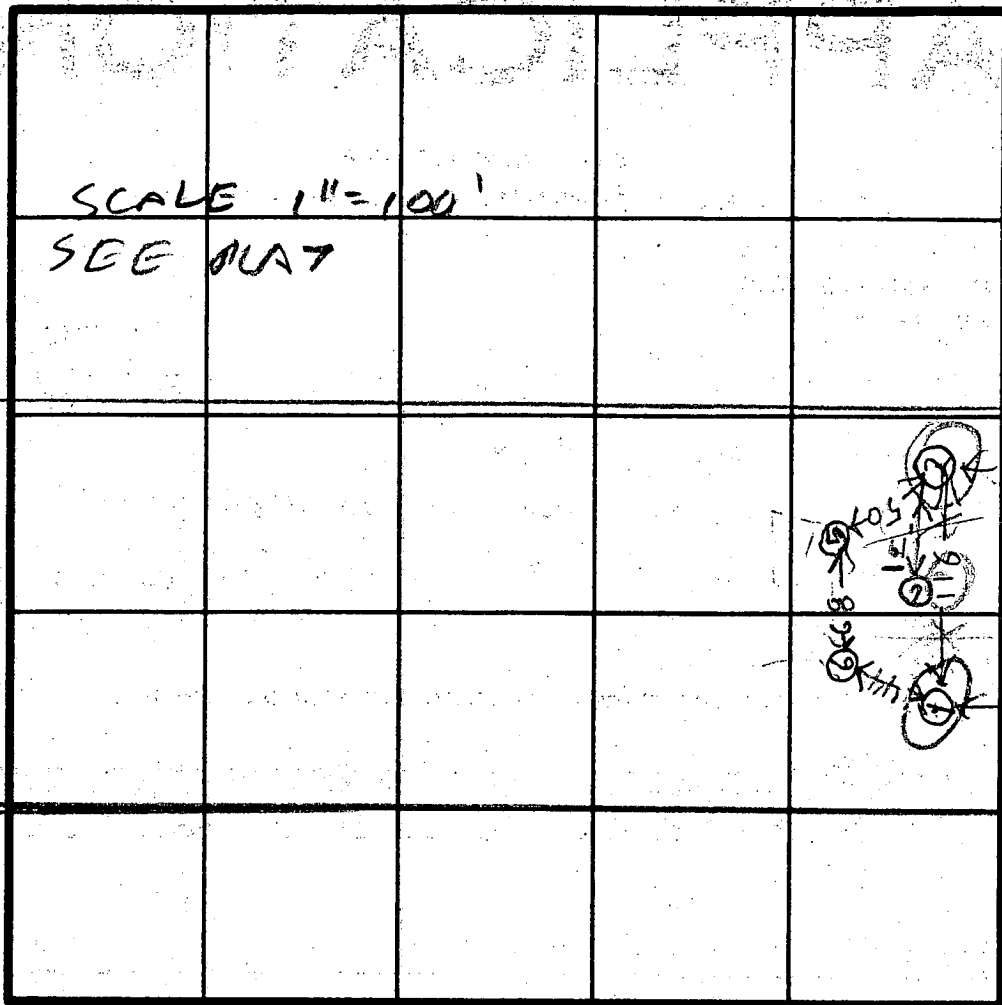
REASONS FOR REJECTION OR HOLDING 5/16/79 DIG MORE (SLOW) RN 5/17/79 Review KH

5/22/79 Held for Review DM said Dig & Test an extra hole
located midway between Hole ① & ②

THIS IS NOT A PERM

17 13

SOIL PROFILE



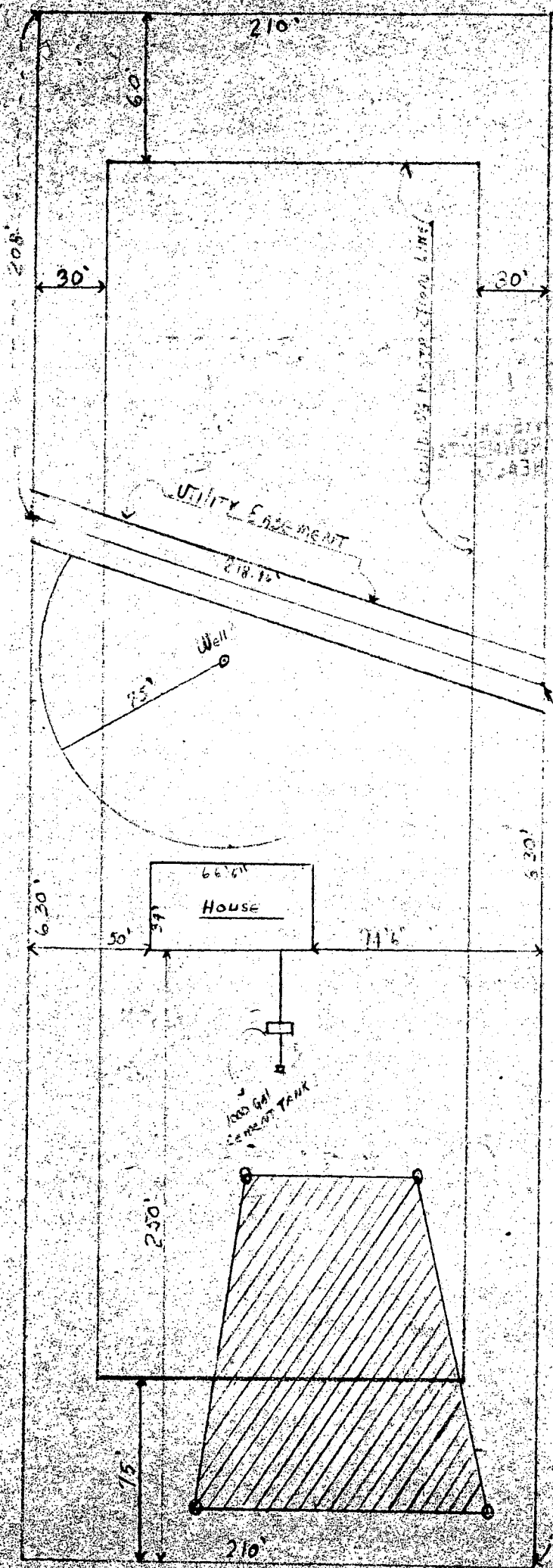
INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/16/79	1D	13	2 47	3 00	3 00	3 37	37
	1S	8	2 47	2 52	2 52	3 00	8
	2S	4	2 51	3 16	3 16	3 40	FAIL
	2D	13 1/2	2 51	3 06	3 06	3 39	FAIL
	3D	12 1/2	2 54	3 07	3 07	3 22	13
	3S	4 1/2	2 54	3 00	3 00	3 05	5
	4V	12	TOP BOT	4 FT 2 FT	CLAY SAND		
5/17/79	5S	4 1/2	3 32	3 37	3 37	3 43	6
	5D	12	3 35	3 46	3 46	4 06	20
	6D	12 1/2	3 33	3 45	3 45	3 54	9
	6S	4	3 34	3 44	3 44	3 54	10

HIGH
LOW
LOWEST
NEXT
LOWEST

REMARKS 4/1 7 S 3/2 2:03 2:05 2:05 2:11 6m
 TYPE OF SOIL CB 1/179 7 D 1 1/2 2:03 2:06 2:06 2:24 18m

TESTED BY B/H
 me 11 mm Max Depth 4 FT
 ALSO PRESENT DENNY & GARY



11/26/80
 Well site O.K.
 F.S.

360'
 SEWAGE
 AREA
 APPX. 10,000 SQ FT

WOODCAMP FARM
 HOME: CHARLES DIXON
 LOT 13 3.037 ACRES
 HOWARD COUNTY, MARYLAND
 LOT FOUND ON SHEET
 ONE WOODCAMP FARM
 SCALE: 1" = 60' DRAWN BY
 C. DIXON

B 1 7492 SEQUENCE NO. (WRA USE ONLY)

1 2 3 4 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO 73-3748
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
11-20-80
12/18/80
9:30 A.M.

OWNER Dixon, Charles
 COL 15th LAST NAME FIRST NAME COL. 34

STREET OR RFD 18 Terrace Drive
 COL 36 COL. 55

POST OFFICE N. Linticum, Md. 21090
 COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION

1 2 3 (SEQ. NO.) 6

DATE 11/12/80 LICENSE NUMBER 040
 77 80

George F. Eastwood
 FIRST NAME DRILLER LAST NAME

SIGNATURE George F. Eastwood

B 3 LOCATION OF WELL

1 2 3 (SEQ. NO.) 6

COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION Wood Lane Farm 23 42

SECTION 13 44 46 48 50

NEAREST TOWN Long Green 52 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 3 73 76 77 78

B 2 WELL INFORMATION

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 8 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 500 14 20

B 4 DIRECTION FROM TOWN
 (CIRCLE APPROPRIATE BOX)

1 2 3 (SEQ. NO.) 6

N NORTH E EAST NE NORTHEAST SE SOUTHEAST

S SOUTH W WEST NW NORTHWEST SW SOUTHWEST

NEAR WHAT ROAD HOODY RD 8 9 8 9

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N NORTH S SOUTH E EAST W WEST 30

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 200 34 37 38 39

USE FOR WATER (CIRCLE APPROPRIATE BOX)

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING, AGRICULTURE, IRRIGATION

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

PRIVATE WATER COMPANY }

TEST

APPROXIMATE DEPTH OF WELL 150 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE)

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

THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63

FORCE 67 WRITE INITIALS IN BOX 68 CONDITIONS 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL

1 2 3 (SEQ. NO.) 6

41 STATE HEALTH (CIRCLE BOX) COUNTY NAME Howard COUNTY NO. A20821

DATE 11 20 80 MO. DAY YR.

APPROVED BY Fred Frommelt, Sanitarian

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N ↑ 12/18/80 WELL OK
SEE OTHER SIDE
R HODGES

Long Green Rd
well
Long Green

BOX NUMBER 760
550

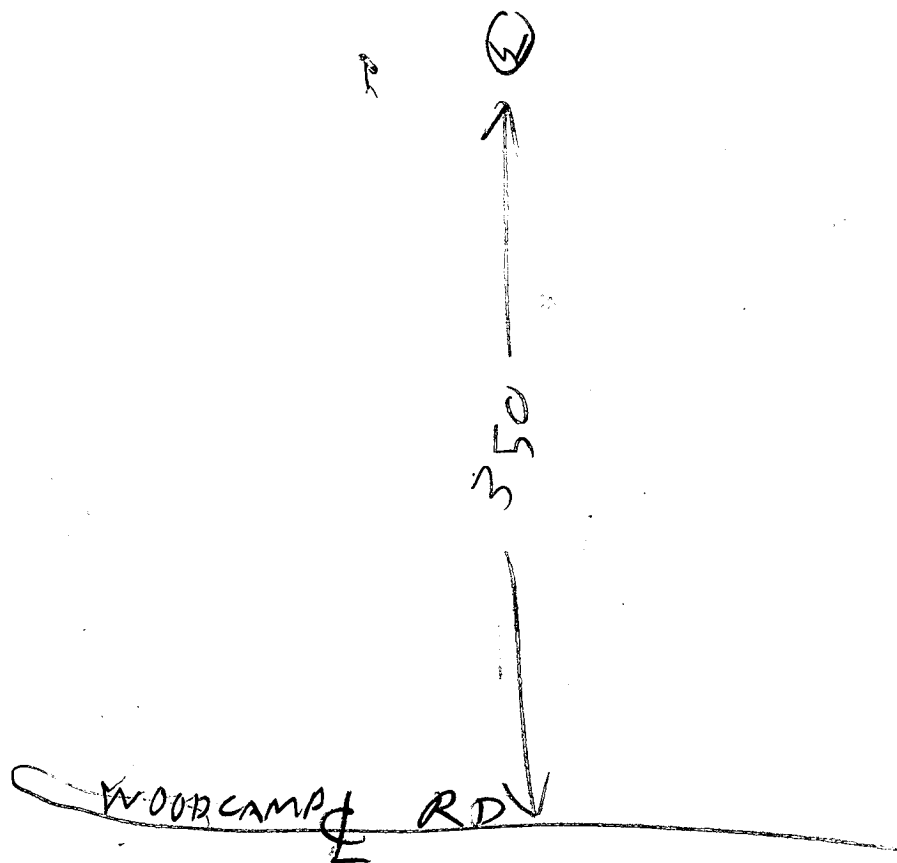
NORTH COORDINATE 550000
 50 51 52 53 54 55

EAST COORDINATE 0760000
 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET) 0/0 65 66 67 68 0/0

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6



- ① 49 FT OPEN HOLE
- ② Arrived 955 Grout had Halls already started
- ③ 119 ft of Casings 2 FT out of ground
well is 200 FT deep
- ④ Location of Well OK
- ⑤ Talked to Danny Easterday He said he called office & told secretary he was going to grout well. He wanted to talk to a Sanitarian but they were not there at the time of call
- ⑥ Plastic Pipe jammed down well & 28 Bags added
- ⑦ Well OK

R H 12/19/80

G.I. - 4815

SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND

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

THIS REPORT MUST BE SUBMITTED WITHIN
30 DAYS AFTER WELL IS COMPLETED

COUNTY NUMBER: 420821

Date Received (WRA use only)

DATE WELL COMPLETED 12/18/80

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

HO-73-3748

OWNER DIXON
last name

CHARLES
first name

STREET OR RD. Woodcamp Rd.

TOWN Long Corner

SUBDIVISION WOODCAMP FARM

SECTION

LOT 13

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		Check if water bearing
	FROM	TO	
Topsoil	0	2	
Shaley	2	40	
Sandstone	60	75	<input checked="" type="checkbox"/>
Glikey	75	108	
Brown Slate	108	142	<input checked="" type="checkbox"/>
Blue Slate	142	240	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO

TYPE OF GROUTING MATERIAL
CEMENT BENTONITE CLAY BC

NO. OF BAGS 28 NO. OF POUNDS 2800

GALLONS OF WATER 140

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 30 ft.
(enter 0, if from surface)

CASING RECORD

insert appropriate code below

STEEL CONCRETE
PLASTIC OTHER

MAIN CASING TYPE ST CO
 PL OT

Nominal diameter top(main)casing (nearest inch) 6 Total depth of main casing (nearest foot) 119

OTHER CASING (if used)

diameter inch depth (feet) from to

EACH CASING

SCREEN RECORD

screen type or openhole

insert appropriate code below

STEEL BRASS OPEN HOLE
BRONZE PLASTIC OTHER

DEPTH (nearest ft.)

DEPTH (nearest ft.) 117 240

EACH SCREEN

CIRCLE APPROPRIATE BOX

- 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 [Signature]

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

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

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 (seq no)

PUMPING TEST HOURS PUMPED (nearest hour) 2

PUMPING RATE (gal. per min. to nearest gal.) 4

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 60

WHEN PUMPING 240

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 (CIRCLE APPROPRIATE BOX) YES NO

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)

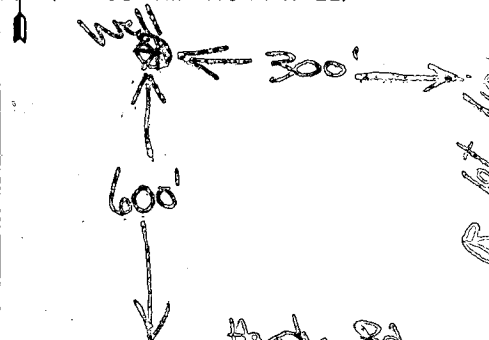
+ above

LAND SURFACE

- below 2 (nearest foot)

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)

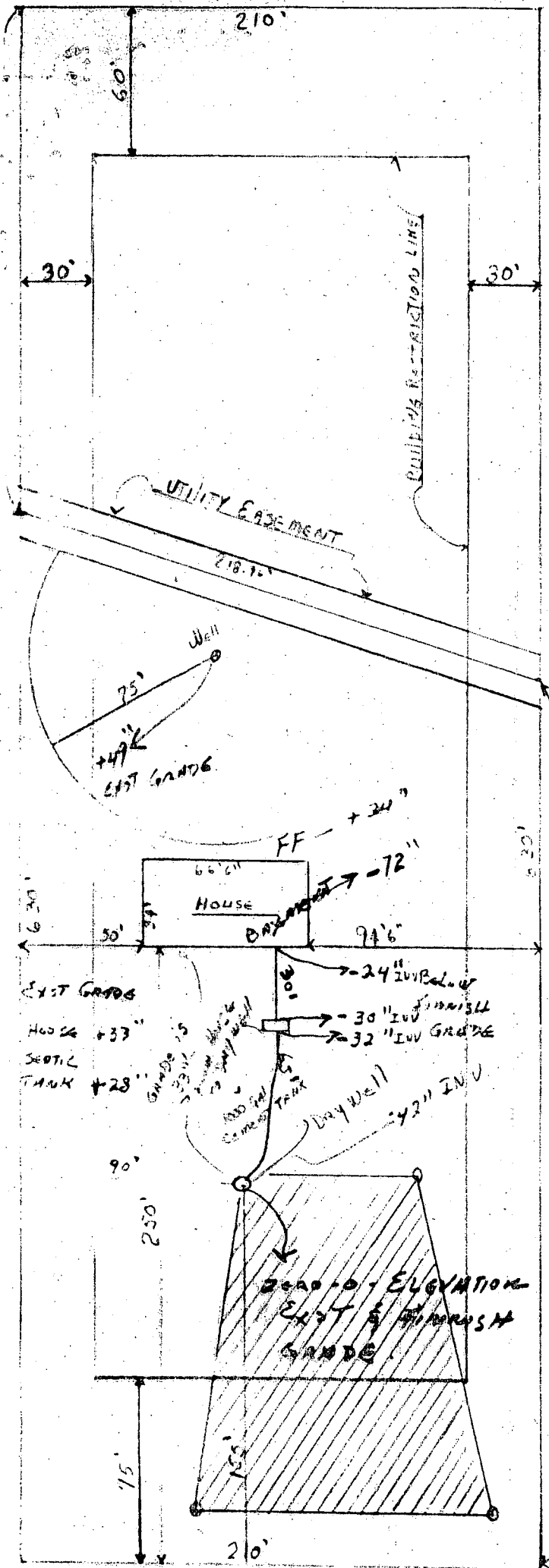


I CERTIFY THAT ABOVE
 MEASUREMENTS AND ELEVATIONS
 ARE ACTUAL & CORRECT FOR
 THIS PROPERTY

Charles T. Dixon 11/16/81

DAY WELL
 INLET - 12" BELOW
 GRADE -
 NO PROHIBITION IN
 BASEMENT

1/16/81
 ok
 C.B.S.



WOODCAMP FARM
HOME; CHARLES DIXON
LOT 13 3.037 ACRES
HOWARD COUNTY, MARYLAND
LOT FOUND ON SHEET
ONE WOODCAMP FARM
 SCALE: 1"=60'
 DRAWN BY
C. DIXON