

OCT 10, 1986
LATE
OCT 14, 1986
M

10/16/86
10/21/86
CATE PM
CATE PM

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

INDEXED

P 36418
A 26741
5114187
R 12
ELLICOTT CITY
DISTRICT 2nd *at home*

Receipt of
payment
shown
1/13/86
Name of David
Parella
HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

02-270 358

DATE 1/13/86

~~Roland Barth~~ MR CARTER IS PERMITTED TO INSTALL ALTER

ADDRESS Clarksville Pike, Ellicott City, MD 21043 PHONE 730-8495

SUBDIVISION Twin Acres ROAD 2277 Daniels Road LOT 2

PROPERTY OWNER Andrew Sprainis

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 245 sq. ft. per bedroom. with garbage disposal. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the first trench 225 feet from the front (400 ft. long) lot line and 125 feet from the left (294.13 ft. long) sideline as seen when facing the lot from Daniels Road. Continue to dig the trench on level ground running more or less parallel to Daniels Road. Place the second trench 10 feet away from and parallel to the first trench.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *1/86*

PLANS APPROVED BY Frank Skinner DATE 8/25/85

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

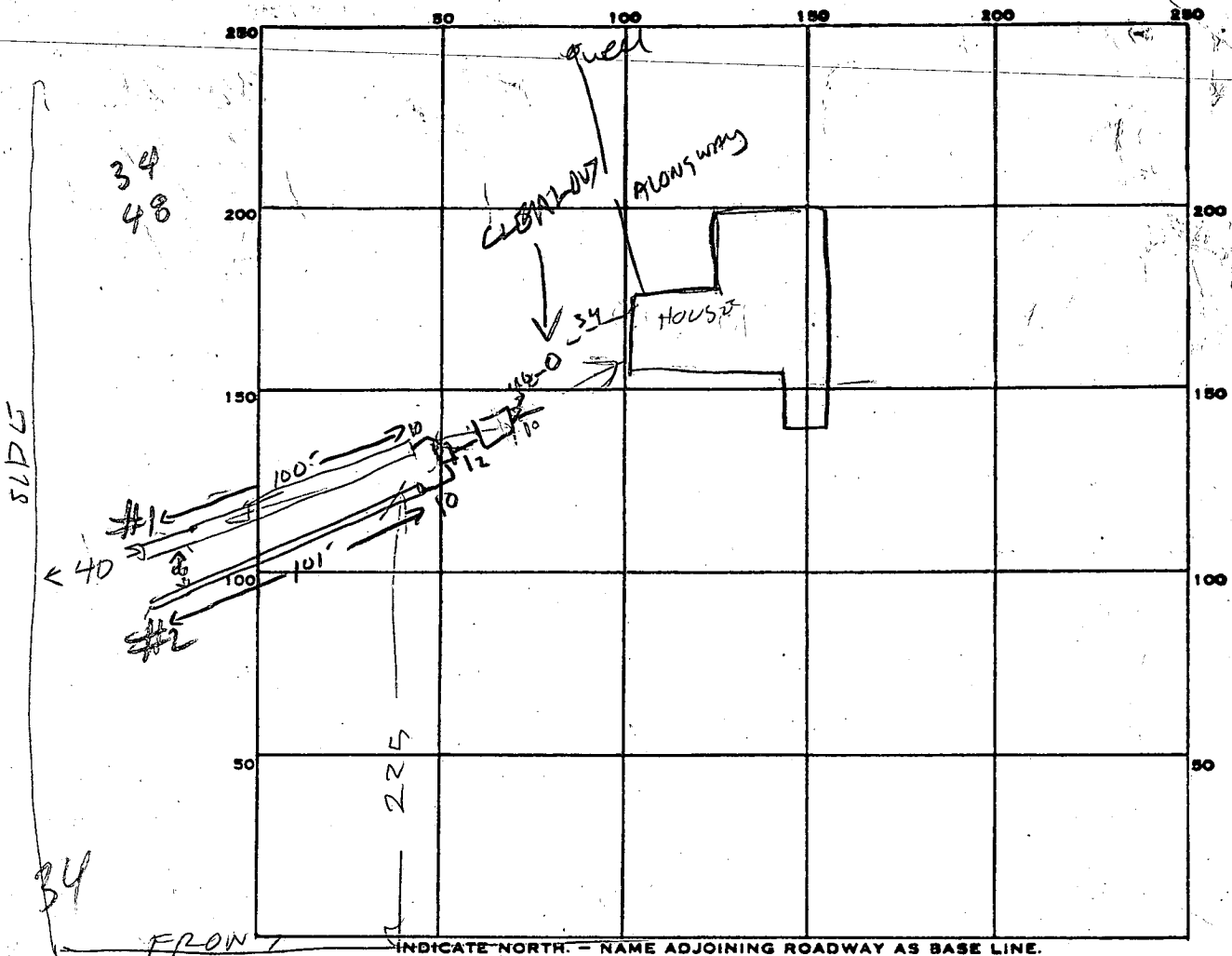
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

CALL 992 2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 26741



PERMIT CARD _____

SEPTIC TANK, LEVEL 2000

CLEANOUTS ST
OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH

#1	#2
9.5	9.5

 FT. TRENCH WIDTH

#1	#2
2	2

 FT.

GRAVEL DEPTH

#1	#2
5	5

 IN. TOTAL LENGTH

#1	#2
100	101

 FT.

NUMBER OF TRENCHES 2 ONE SIDE WALL

#1	#2
500	505

 TOTAL 1005 ϕ

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 1005 SQ. FT.

REMARKS 10/10/86 TRENCH STARTED 9FT DEEP 20FT LONG RH
10/14/86 LOCATION OK ADD STONE TO FIRST DITCH DIG 2ND
TRENCH & CALL RH 10/15/86 TRENCH #2 DUG & SOME STONE ADDED
TO BOTH TRENCH 10/16/86 AM - NOTHING DONE 10/16/86 PM TRENCH #1 OK
FINISH ADDING STONE TO TRENCH #2 / 10/17/86 OK TO COVER BOTH TRENCHES

10/21/86 OK TO COVER TANK & BOX CALL FOR INSPECTION OF HOUSE SEWER RH

5/14/87 TANK HOOKED UP AS SHOWN BY WATER TEST

DATE SYSTEM APPROVED 5/14/87 INSPECTOR RHODAN
BOT PIPE COVERED CW JA, P OK

Pres.

APPLICATION

A 26741

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 2nd

DATE 8/18/77

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 ~~John C. Kuhn~~ Andrew Sprainis

ADDRESS ~~Old Frederick Road~~ 601 Northurst Way
Baltimore, Md 21228 PHONE any questions call:
Boender Assoc. 465-7777

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 13

ROAD AND DESCRIPTION ~~off Old Frederick Road~~
2277 Daniels Rd

SIZE OF LOT 109,500 sq. ft. TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Boender Associates

APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

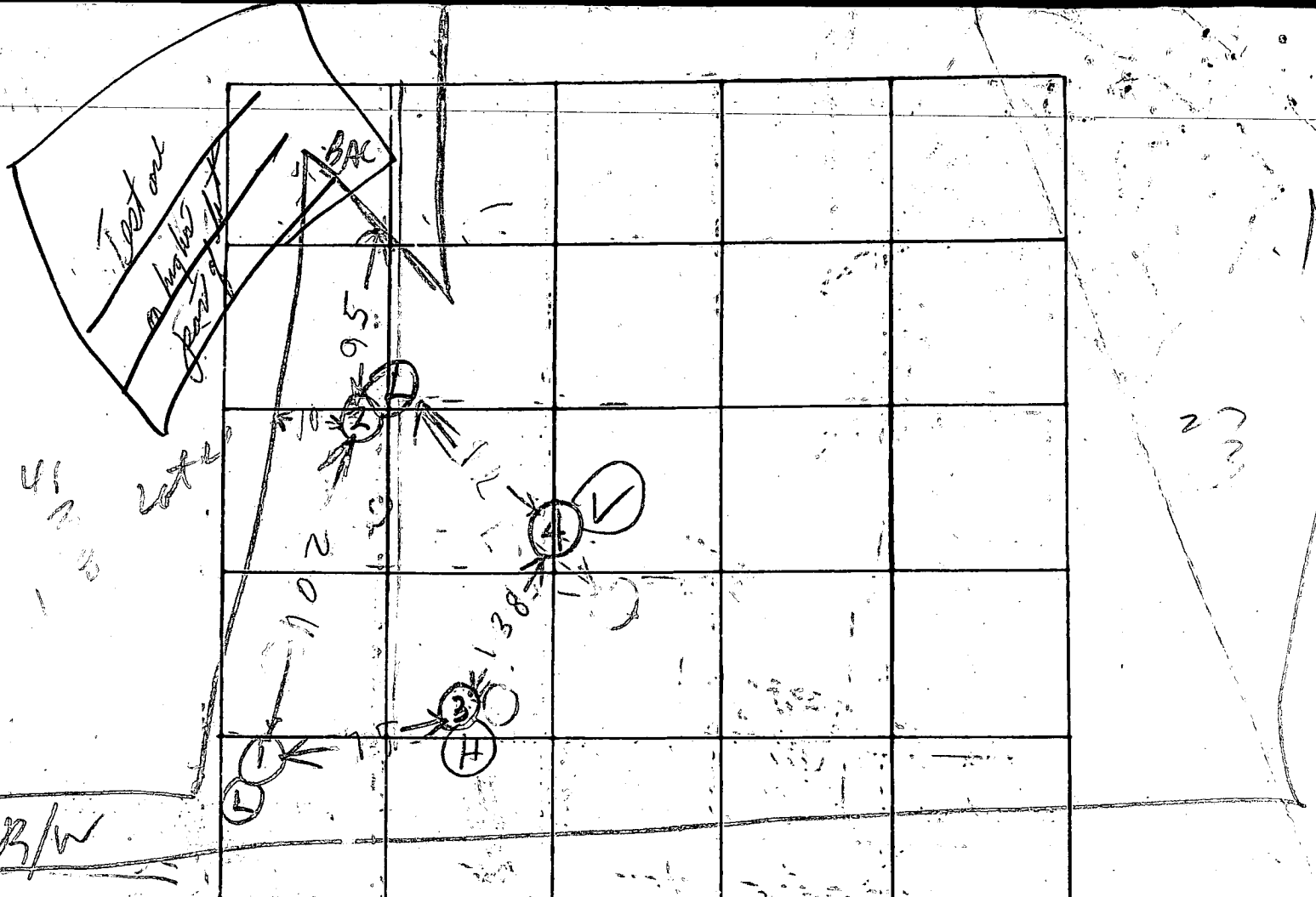
REASONS FOR REJECTION OR HOLDING 9/21/77 Perc. OK Hold for

Certified Holder B.H.

APPL. # 66441

BLDG. PL. AND RETURNED 9-25-77

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/12/77	1D13	13	222	224	224	228	4
9/12/77	2S	4 1/2	222	236	little more		
	2D	13	225	227	227	234	7
	2S	5	225	234	234	257	23
	3D	12 1/2	235	247	247	304	17
	3S	6 1/2	235	243	243	251	8
	4V	11 1/2	TOP BOT	4 FT 7 1/2 FT	CLAY SANDY DR		
9/12/77	1M	6 1/2	238	250	250	259	9
9/12/77	3ED	14	TOP BOT	6 FT 8 FT	CLAY SANDY DR		

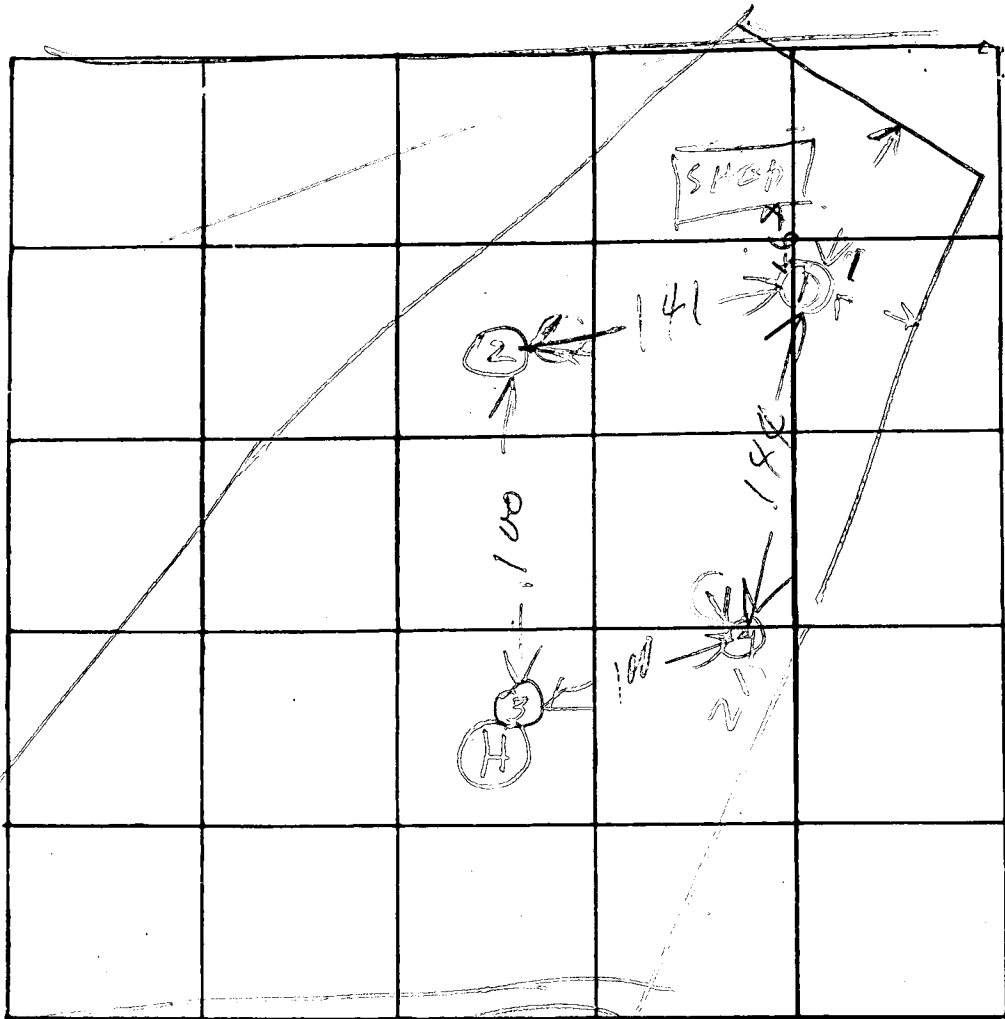
HOLE LEVEL
NEXT LOWEST
LOWEST
High use for DW
NEXT High

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Hodges

ALSO PRESENT: J. Frock & Pusk



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
9/14/77	1S	3	1256	102	102	115	12	
9/14/77	1D	14 1/2	1256	102	102	115	12	
	2D	11 1/2	117	121	121	127	6	
	2S	5	117	127	127	135	8	
	1ED	13 1/2	ALL SAND DRY					
	3S	12 1/2	123	127	127	134	7	
	3D	5	123	127	127	135	8	
	4V	12	TOP 3' OF 4' PRE-WET 2' OF 4' LEFT SAND DRY					

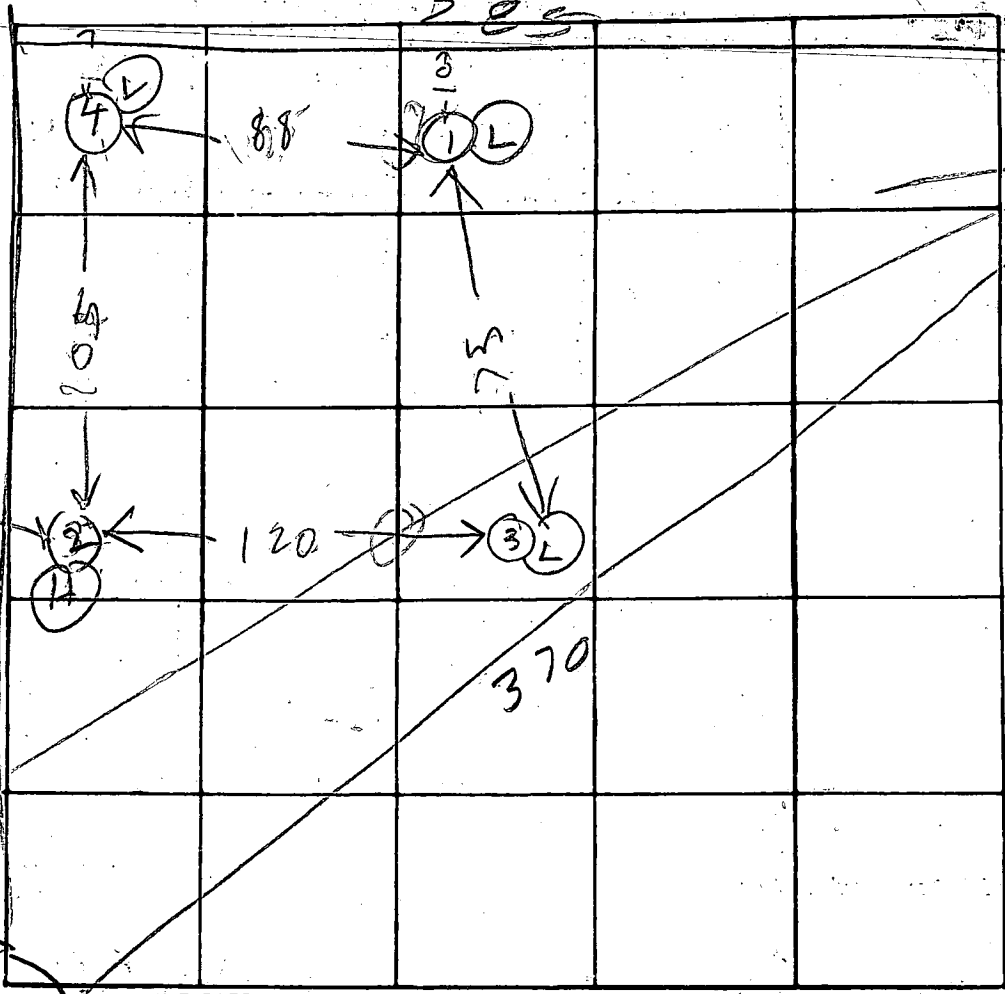
TOP 4' OF CLAY

HIGH USE FOR DW

REMARKS _____

TYPE OF SOIL _____

TESTED BY R. Hedges ALSO PRESENT: John Taylor



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/1/10	1D	13 1/2	1108	1110	1110	1114	4
	1S	4 1/2	1109	1120	1120	1141	21
	2S	4 1/2	1120	1127	1127	1158	25
	2D	12	1120	1122	1122	1027	5
	3S	5 1/2	1129	1130	1130	1135	5
	3D	12 1/2	1131	1132	1132	1135	3
	3ED	13 1/2	TOP 5 CLAY BOT 8 1/2 SAND		DRY		7
9/2/10	4V	12	TOP 5 CLAY BOT 8 FT SAND		DRY		7

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Hodger

ALSO PRESENT: Joel Taylor
Lot 15

3
5
2
0
5

14
2
13
12

12

1320 SEQUENCE NO. (OEP USE ONLY)
 (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 2674**

Date Received (OEP use only)
 DATE WELL COMPLETED **1 12 53 1**

Depth of Well **279**
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HC-73-4034

OWNER **SPRAINS, Jr. ANDREW**
 last name first name
 STREET OR RFD **DANIELS ROAD** TOWN **WOODSTOCK**
 SUBDIVISION **TWIN ACRES** SECTION _____ LOT **2**

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	
Dirt	0	2	
Bank sand	2		
Isinglass	6	40	
Bank Sand	40	41	X
Bank Sand	41	54	
Blue & brown Sandstone	54	219	
Brown Sandstone	219	220	X
Blue Sandstone	220	279	

GROUTING RECORD
 WELL HAS BEEN GROUTED YES NO
 (Circle Appropriate Box)
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS **18** NO. OF POUNDS **692**
 GALLONS OF WATER **108**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** to **58** ft.
48 TOP (enter 0 if from surface) 58 BOTTOM

CASING RECORD
 casing types insert appropriate code below
 S STEEL C CONCRETE
 P PLASTIC O OTHER
 MAIN CASING TYPE S T
 Nominal diameter top(main)casing (nearest inch) **6**
 Total depth of main casing (nearest foot) **57**

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
 S STEEL B BRASS H OPEN HOLE
 P PLASTIC O OTHER

C 2 (Seq. no.)
 DEPTH (nearest ft.) **279**
 E A C H S C R E E N
 1 I O **57**
 2 _____
 3 _____
 SLOT SIZE _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)
 from _____ to _____

GRAVEL PACK _____
 IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX F

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

C 3 (Seq. no.)
PUMPING TEST
 HOURS PUMPED (nearest hour) **5**
 PUMPING RATE (gal. per min. to nearest gal.) **2 1/2**
 METHOD USED TO MEASURE PUMPING RATE **P.C. meter**
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING **70**
 WHEN PUMPING **219**
 TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O (describe below)
 J jet S submersible

PUMP INSTALLED YES NO
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)
 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
 - below **2** (nearest foot)
 LAND SURFACE

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)
 DANIELS Rd.
 RT. 99
 OLD FREDERICK

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 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. **256**
Dana Kuker, Jr. II
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Dana Kuker, Jr. II
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)