

10/10/98
10:00
WPI 10-9-98
C. No. 10/9

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 511018

A 31542

DISTRICT 4th

DATE 10/2/98

DATE SYSTEM APPROVED 10/9/98

INSPECTOR [Signature]

04-343549

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

Arnold Backhoe & Septic Services IS PERMITTED TO INSTALL ALTER

ADDRESS P. O. Box 15, Woodbine, Maryland 21797 PHONE 410-795-7873

SUBDIVISION Florence Estates LOT 15 ROAD 2145 Florence Road

PROPERTY OWNER Richard & Loretta Morgan

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS *****MANHOLE CLEANOUT REQUIRED*****

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

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 the distribution box 95 feet off the front lot line and 225 feet off the left lot line as seen when facing the lot from Florence Road. Run first trench on contour towards the rear of the lot; run all other trenches on contour in both directions.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

OK KM 71098

PLANS APPROVED BY Donna K. Soe DATE 7/08/98

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

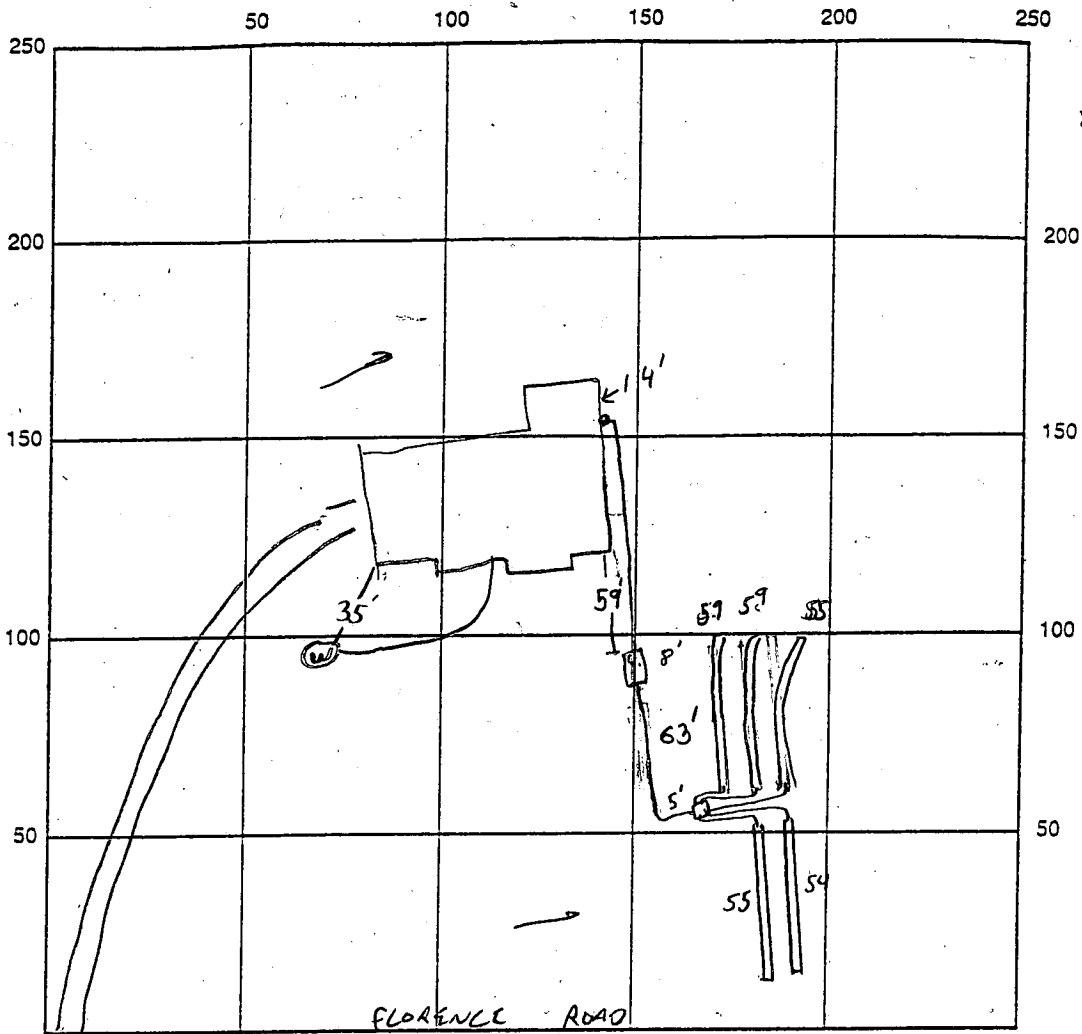
PERMIT VOID AFTER TWO YEARS

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 31542



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK, 1250 NO MANHOLE REQD. CLEANOUTS 1 AT HOUSE, 1 ON ST.

DISTRIBUTION BOX LEVEL OK - ALSO SIZE CONCRETE BOX

DRAIN FIELD/TITLE DEPTH 5.5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 280 FT.

NUMBER OF TRENCHES 5 ONE SIDEWALL/BOTTOM AREA 8540 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 10-9-98 FINAL - COVER ALL WORK

DATE SYSTEM APPROVED 10/9/98 INSPECTOR Glenn [Signature]

PRELIMINARY

APPLICATION

A 31542

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. Richard + Lovetta Morgan

ADDRESS 25641 Ridge Road, Damascus, Maryland 20750 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. 2145 16 15

ROAD AND DESCRIPTION Florence Road

PERMIT SIGNED

AND RETURNED 7-8-98

Serial # B10112814

SIZE OF LOT 3 acres more or less TYPE BLDG. 3 or 4 bedrooms - 4 Bed
(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 _____

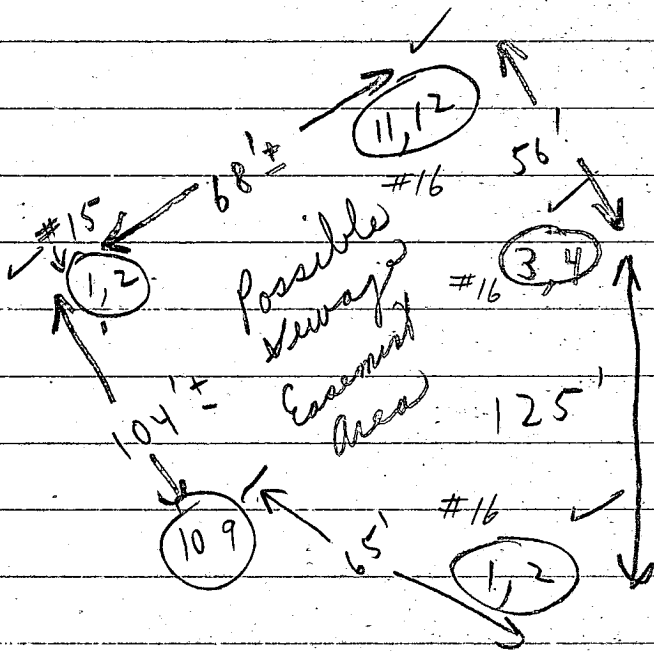
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

#15 + #16

Combine
Possibly



14 min. avg.
inlet 3 1/2'

FLORENCE ROAD

10/22/21 Hold for surveyor to complete certification
of holes

PRELIMINARY

APPLICATION

A 31541

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

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.

ADDRESS 25641 Ridge Road, Damascus, Maryland 20750 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. 15

ROAD AND DESCRIPTION Florence Road

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 _____

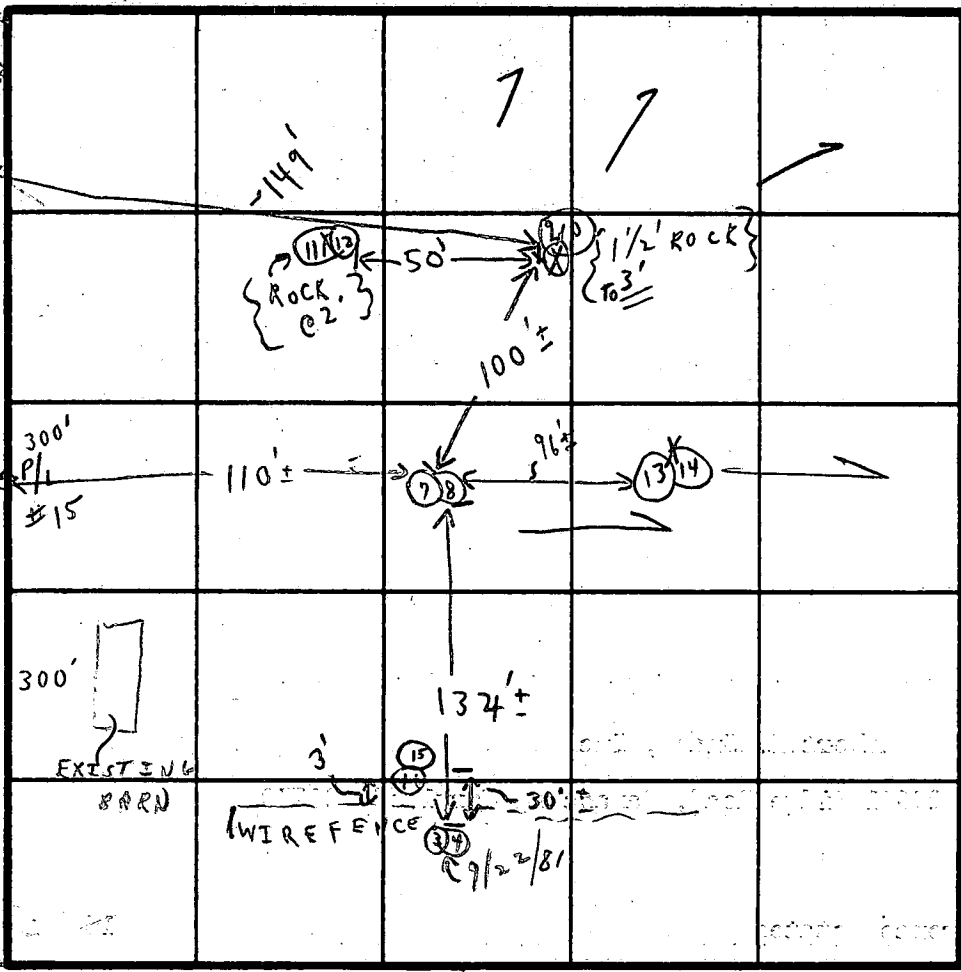
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

#15
Pg 2 of 2
EXIST SHEET

SOIL PROFILE
SEE EACH HOLE BELOW



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

FLORENCE ROAD

SOIL PROFILE
1' - 4" CLAY
(4 1/2' ROCK @ 5 1/2')

CLAY
ROCK @ 3'

ROCK @ 2'

1' - 3" CLAY
WEATHERED SHALE
FLORNA 12'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/24/81	7	1'	:	:	CLAY TO	ROCK	X
	8	5 1/2'	:	ROCK	4 1/2' - 5 1/2'	:	X
	9	1'	:	:	:	:	X
	10	3'	:	ROCK @ 3'	:	:	X
	11	1'	:	:	:	:	X
	12	2'	:	ROCK @ 2'	:	:	X
	13 XX	3 1/2'	1:52	2:05	2:05	(2 @ 2:36)	13 1/2" 3/4" @ max
	14	8 1/2'	1:50	1:59	1:59	2:12	13
	15	1 1/2' ROCK					
	16						

(1) REJECT IN AREA OF HOLES TO (#13, 14)
HOLD (2) IF THEY WANT TO EXPLORE FURTHER
+ CALL US - POSSIBLY

REMARKS

TYPE OF SOIL

TESTED BY

C.B. S.

MR. SIRK + SON

ALSO PRESENT

+ LEONARD

EH-12-1079

PRELIMINARY

APPLICATION

A 31547

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

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.

ADDRESS 25641 Ridge Road, Damascus, Maryland 20750 PHONE _____

PROPERTY LOCATION:

SUBDIVISION Florence Estates LOT NO. X 15

ROAD AND DESCRIPTION Florence Road

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 _____

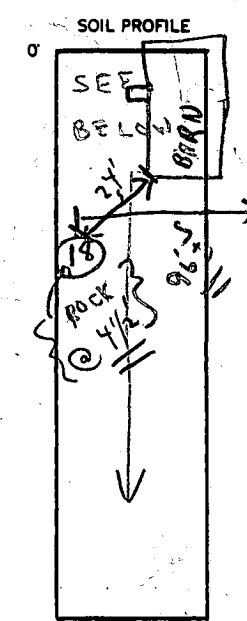
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

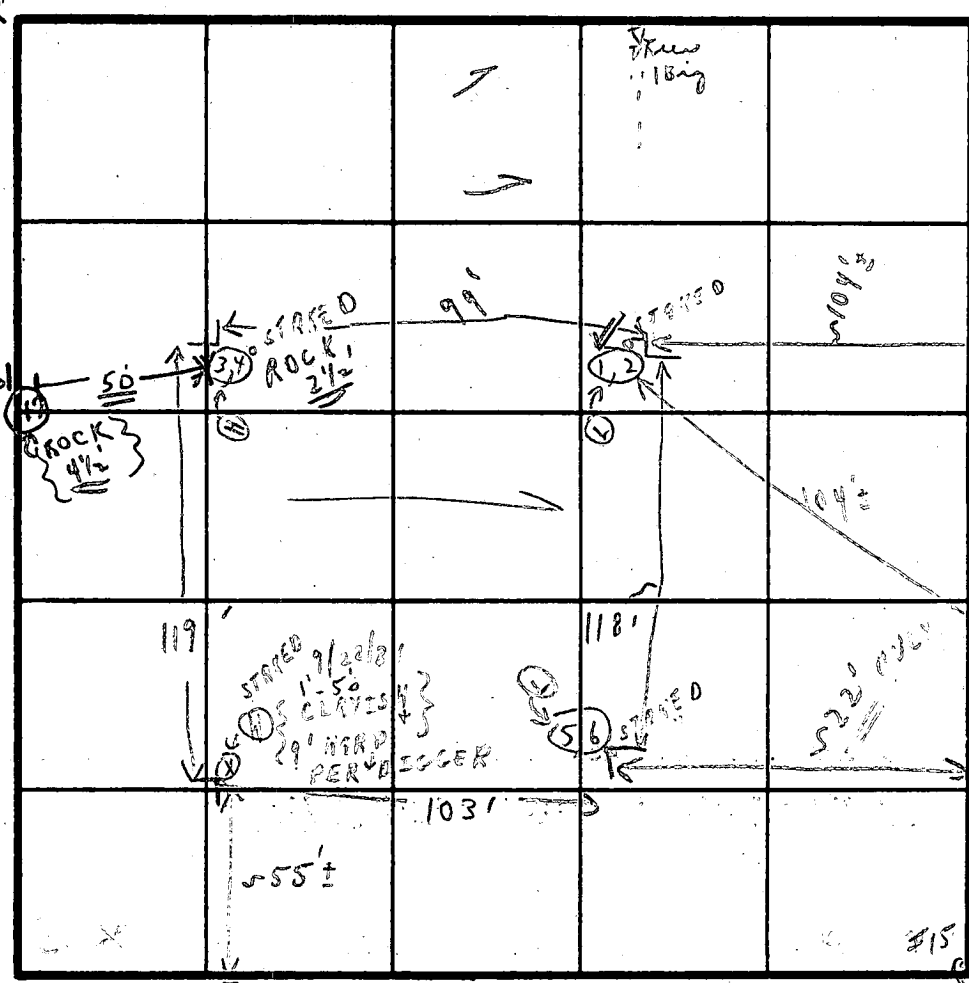
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

#15
Pg 1 of 2



FIELD SHEET TESTS PER STAKE



EDGE INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
FLORENCE RD

SOIL PROFILE
1' - 4 1/2' BELOW
4 1/2' LOAM + WEATHERED TO SAND 12-8"
1' - 2' CLAY
X ROCK 2 1/2'
1' - 12-8" CLAY

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
9/22/81	1 A	3 1/2'	11:40	12:04	12:04	12:34	1/2" @ mod
	2 ✓	7 1/2' X	11:40	11:42	11:42	11:45	3"
	3	X'	11: X	1: X	1: X	1: X	XX
	4 X	X'	11: ROCK	AT 2 1/2'		1: X	XX
	5	5'	12:00	12:00	12: 1/2	12: 1/2	1/2" @ mod
	6	12'-8"	:	:	:	:	
9/23/81	1B ✓	4 1/2'	10:28	10:30	10:30	10:34	4"
9/24/81	17	(4 1/2' ROCK)					
	18						

POSSIBLY LOWER SHELF

EH-12-1079

REMARKS: TESTS IN OPEN (9/22/81 HOLD FOR POSSIBLE REDESIGN) C.B.P.

TYPE OF SOIL: _____

TESTED BY: C.B.P. 9/22/81 + 9/23/81 ALSO PRESENT MR. SERR + SON

N 57° 30' 00" W
45.64'

N 36° 00' 00" W
44.99'

H. SNAPP, ETAL

L. 928 F. I.
N 62° 44' 34" W 626.85'

FLORENCE ROAD

N 62° 44' 34" W 610.15'

R. 270.00'
A. 113.29'

75' BUILDING

RESTRICTION

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

signed
F. 83.93

LOT 15
8.8527 AC.

30' WIDE EXISTING
R/W

30' BUILDING

818.95'

30	3482.93	6914.83
39	3503.12	6911.84
40	3565.50	6918.85

NOTE: THE EXISTING BARY OR
PERMITS TO BE REMOVED
ON LOT 15 CAN BE ISSUED

R. 175.00'
A. 139.98'

75' BUILDING

RESTRICTION LINE
914.43'

15' DRAINAGE & UTILITY
EASEMENT

N 10° 18' 12" W 181.57'

DRAINAGE

N 29° 50' 11" W 158.37'

RESTRICTION LINE

N 29° 50' 40" W 493.70'

RESTRICTION LINE

75'

LOT 16
6.8577 AC.

B.R.L.

EASEMENT

S 45° 46' 00" E 288.8'

DRAINAGE & UTILITY

110'

EASEMENT

210.08'

B.R.L.

LOT 18

3.4013 AC.

TOTAL AREA
PIPE STEM
NET LOT A

30' N 29° 40'

60' B.R.L.

BUILDING

L. 77° 30' 30" W

30' B.R.L.

30' B.R.L.

75'

10/19/98
WPT
OK [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 10/1/98

Name of Installer CAVANAUGH PLUMBING INC

Telephone 301 725 1715

License Number MD 23745

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Mr. & Mrs. Morgan

Telephone 410-489-4246

Subdivision Florence Estates Lot # 15

Well Tag # HA-99-1490

Site Address 2147 Florence Rd

Pump

- 1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible
- 2. Make JACOZZI
- 3. Model # _____
- 4. Capacity 5 GPM
- 5. Pump exceeds well capacity Yes _____ No
- 6. If Yes, is low pressure cutoff switch installed? Yes _____ No
- 7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other TPE

Motor

- 1. Horsepower 3/4
- 2. RPM _____
- 3. Voltage _____
 - a. 110 _____
 - b. 220

Pitless Adapter

- 1. Make BARLORD
- 2. Model # PT 800
- 3. Depth 4 Ft

Tank

- 1. Capacity 20
- 2. Pressure relief valve? yes

Piping

- 1. Type YADLEY
- 2. Size 1"
- 3. NSF and/or BOCA Code approved
- 4. Depth of supply line 4 Ft

Well data

- 1. Depth 400 ft.
- 2. Yield 3 GPM
- 3. Static water level 160 ft.
- 4. Will water supply be disinfected by installer? YES

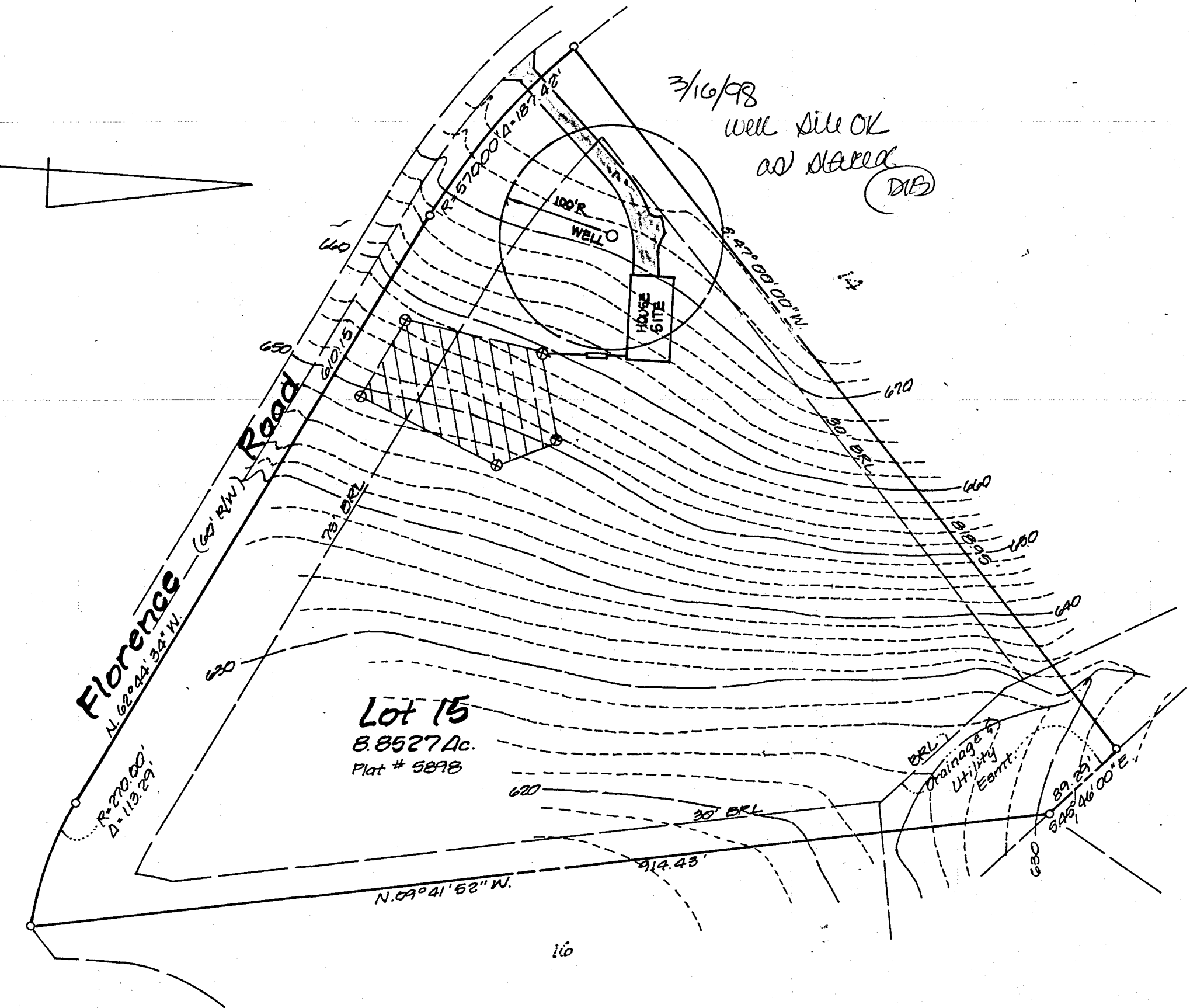
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

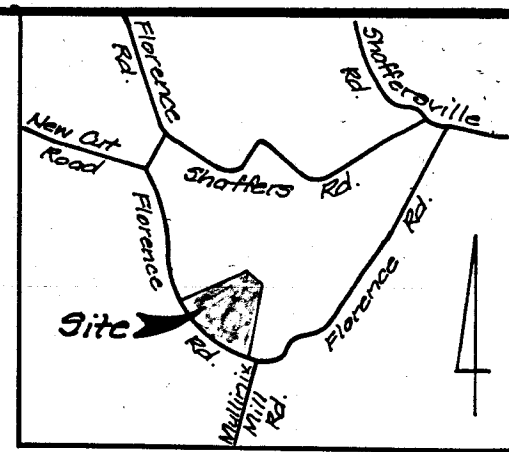
Signature of Applicant: [Signature]

Date: 10/1/98

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



3/16/98
 well site OK
 as stated
 (DIB)

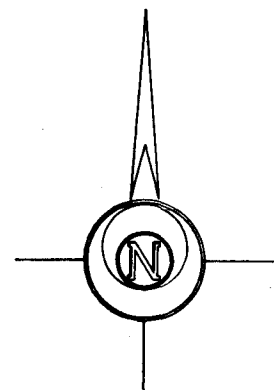


Vicinity Map
 N.T.S.

Plan for Well Permit Application
 Florence Estates
 Lot 15 - Section 2
 4th Election District - Howard Co., MD.

LDE Inc
 Engineers, Surveyors, Planners
 9250 Rumsey Road Suite 106
 Columbia, MD 21045
 (410)715-1070 - (301)596-3424 - FAX (410)715-9540

Feb. 1998
 Scale: 1" = 100'
 REVISED 3/2/98 WELL AND HOUSE SITE

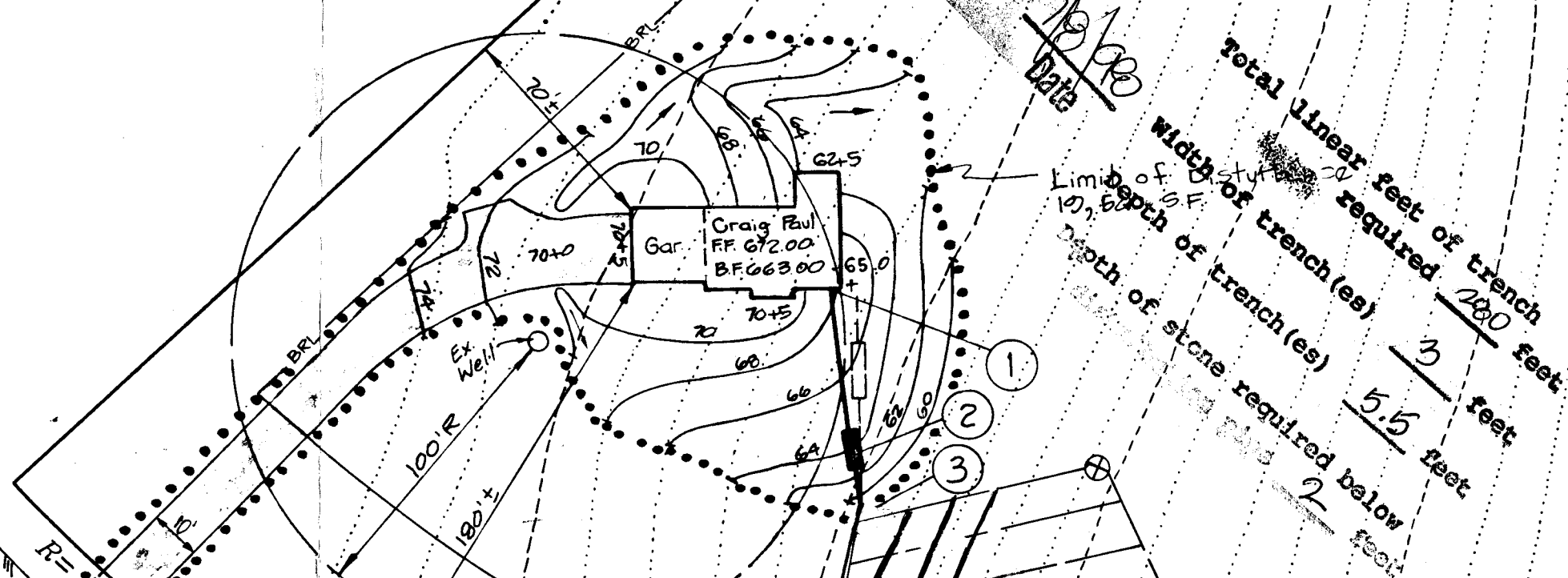


Lot 14

Lot 1
8.8527 Acr
Plat # 582

Approved Septic System Plan
Howard County Health Department
[Signature]
Date 10/10/00

Prop. Driveway
Entrance See
Std. R.G. 06



Note: Land dedicated to Howard County, Md. for purpose of a public road

Florence Road
(60' R/W)
S 62°44'34" E 610.15'

Theodore Shapiro, Et. Al
L.859 - F229 & 232

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT AND RESEARCH _____ DATE _____

DIRECTOR _____ DATE _____

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS.

NATURAL RESOURCE CONSERVATION SERVICE _____ DATE _____

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT _____ DATE _____

C1 05079 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 31542

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO. USE ONLY DATE RECEIVED 7-2-98

DATE WELL COMPLETED 3-31-98 Depth of Well 400

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1490

OWNER Morgan Rick STREET OR RFD Florence Rd TOWN Mt Airy SUBDIVISION Florence Estates SECTION LOT 15

WELL LOG table with columns for DESCRIPTION, FEET (FROM, TO), and check if water bearing. Includes entries for Brown Shale and Blue Rock.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (6), NO. OF POUNDS (564), GALLONS OF WATER (36), DEPTH OF GROUT SEAL (0 to 19 ft).

CASING RECORD: casing types insert appropriate code below (ST, CO, PL, OT), MAIN CASING TYPE (ST), Nominal diameter (6), Total depth (22).

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

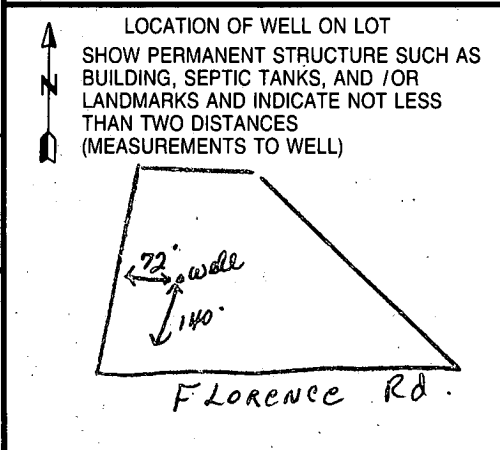
SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT), DEPTH (nearest ft.) 19

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) CIRCLE APPROPRIATE LETTER (A, E, P)

DEPTH (nearest ft.) 400 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 to 60

PUMPING TEST: HOURS PUMPED (6), PUMPING RATE (3), METHOD USED TO MEASURE PUMPING RATE (bucket), WATER LEVEL (42 before, 248 when pumping), TYPE OF PUMP USED (S)

PUMP INSTALLED: DRILLER WILL INSTALL PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31 to 35), PUMP HORSE POWER (37 to 41), PUMP COLUMN LENGTH (43 to 47), CASING HEIGHT (+ above, - below)



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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. DRILLERS LIC. NO. 1 MSD 024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 M D 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 MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-1490
 Location of property (road) Florence Rd
 Subdivision Florence Estates Lot 15 Block _____ Plat _____ Sec. _____
 Well Driller J. Mayall Owner Morgan

Depth of well 400'
 Distance of measuring point (M.P.) above ground 3'
 Static water level (S.W.L.) below M.P. 42'

I. High rate pumping -- reservoir drawdown

Time pump started 6:00 Pumping rate 20 gpm.
 Total time 30 min. to reach pumping water level 248 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5/1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
6:15	156'	3 sec.	N/A	20 gpm.
6:30	248	3		20
6:45	246	20		3
7:00	246	20		3
7:15	245	20		3
7:30	245	20		3
7:45	245	20		3
8:00	245	20		3
8:15	246	20		3
8:30	246	20		3
8:45	245	20		3
9:00	245	20		3
9:15	245	20		3
9:30	246	20		3
9:45	245	20		3
10:00	245	20		3
10:15	245	20		3
10:30	246	20		3
10:45	245	20		3
11:00	246	20		3
11:15	246	20		3
11:30	246	20		3
11:45	245	20		3
12:00	245	20		3
HD-2247215	244	20		3
12:30	244	20		3