

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

03-309290

2/14/87 AM
9/15/87
10AM

P 40100
A 30319

DISTRICT 3RD

DATE 9/11/87

DATE SYSTEM APPROVED 9-15-87

INSPECTOR S. Abel

Bruce Carlson

IS PERMITTED TO INSTALL X ALTER

ADDRESS PHONE

SUBDIVISION Wynfield ROAD 2661 Wynfield Rd LOT 15 Section 2

PROPERTY OWNER David Moore

ADDRESS

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 - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 250 feet down the right (426.42') lot line and 85 feet off the same lot line as seen when facing the lot from Wynfield Road. Run trenches on contour toward left lot line.

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

PLANS APPROVED BY S. Abel DATE 3/10/87

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(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 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.

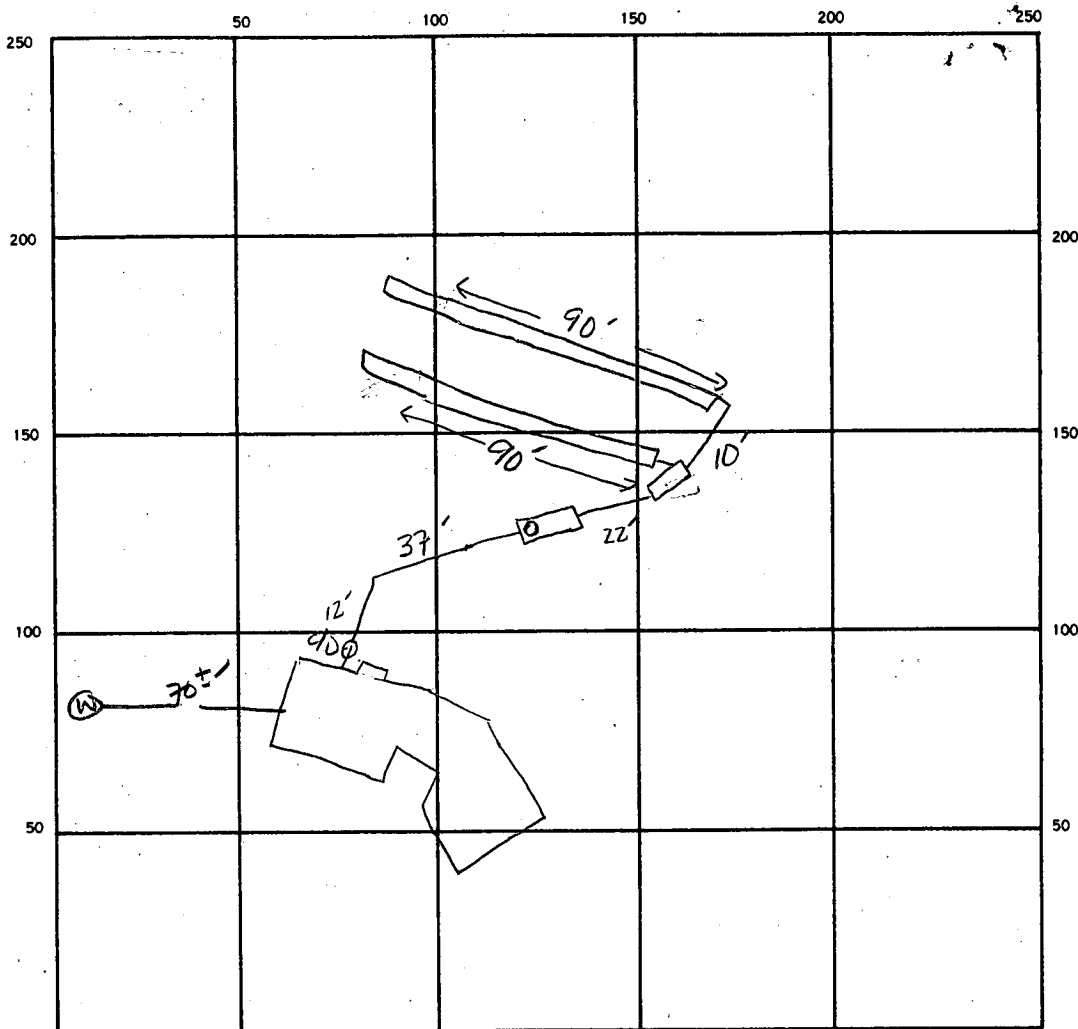
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 30319



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK. LEVEL ✓ 1000 GAL CLEANOUTS INLINE

DISTRIBUTION BOX. LEVEL ✓

DRAIN FIELD/TILE FIELD. DEPTH 6 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 3 (ONLY PARTIAL CREDIT FOR SOILS ABOVE 4') FT. TOTAL LENGTH 90-90 TRF 180 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 540 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 540 SQ. FT.

REMARKS 9/11/87 TRENCHES DUG TO 6 1/2', INLET AT 2 1/2'. SPECIFICATIONS CALL
FOR INLET 4', BOTTOM 8' - SOILS ABOVE 4' MIXED. PARTIAL CREDIT
GIVEN FOR SOILS ABOVE 4' - CALCULATE AS 3' EFFECTIVE, 150' X 3' D. = 450 SQFT
30' ADDITIONAL TRENCH WITH 3' STONE ADDITIONAL REQUIRED.
9-15-87 EACH TRENCH EXTENDED 15' SAME

DATE SYSTEM APPROVED 9-15-87 INSPECTOR S. Abel

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30319

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 3rd.

DATE 10/31/79

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 Land Associates DAVID MOORE
ADDRESS 3450 Ft. Meade Rd., No. 206, Laurel, Md. 20810 PHONE Tom Munz - 792-2242
or Ted Snovell - 265-6543

PROPERTY LOCATION:

SUBDIVISION Hoffman Property Wynfield LOT NO. 7

ROAD AND DESCRIPTION Route 144 2661 Wynfield Rd.

SIZE OF LOT 3 acres plus 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/ Ted Snovell for Land Associates

APPROVED BY B.H. & D.W.M. FOR DRY WELL DATE 12/27/79

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING OK. 11/7/79 RE 8610

BLDG. PERMIT SIGNED
AND RETURNED 4-24-84

SBH

BP10973

THIS IS NOT A PERMIT

EOT #14

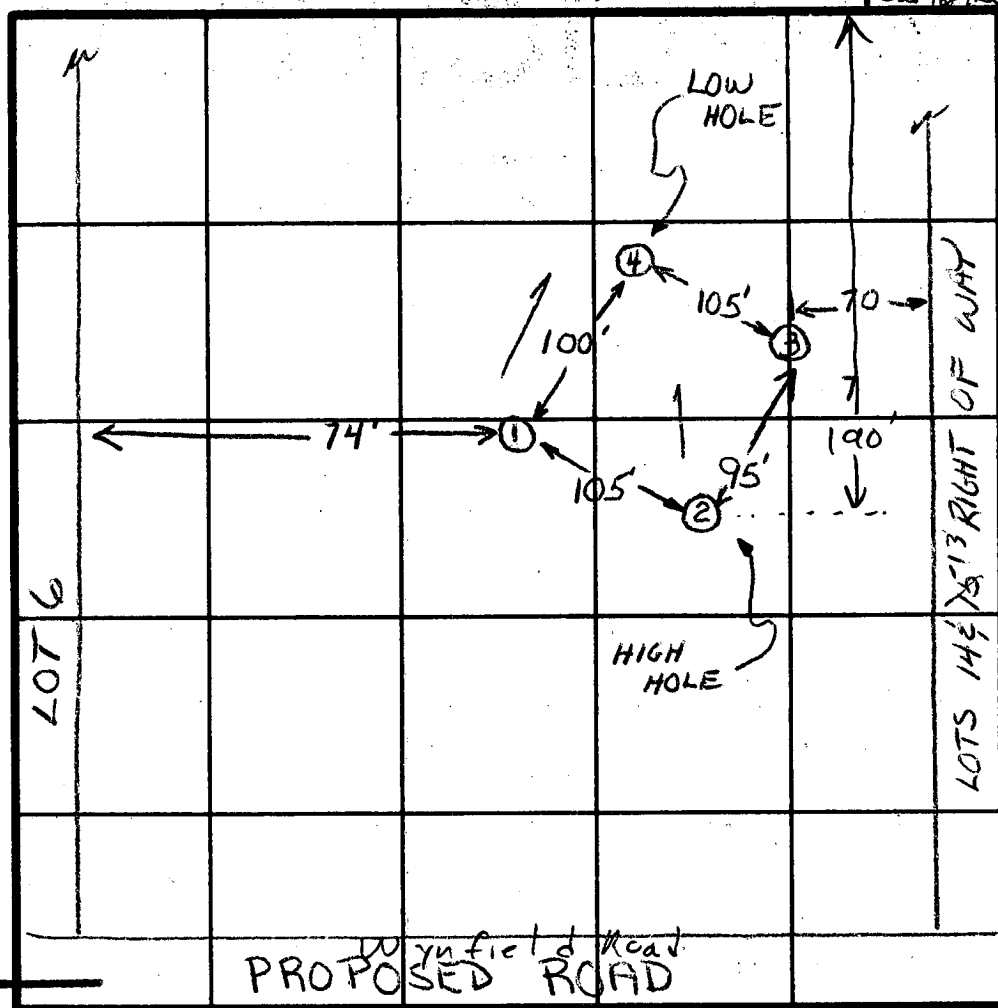
LOT #7

SLOPE BETWEEN HI & LO HOLES ≈ 10%

SOIL PROFILE

SANDY CLAY

SANDY LOAM
SMALL LAYERED
MICA



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH.	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/7/79	1S	4 1/2'	2:35	2:40	2:40	2:47	7
	1D	14 1/2'	2:33	2:37	2:37	2:44	7
	2S	4 1/2'	2:49	2:52	2:52	2:55	3
	2D	14 1/2'	2:48	2:52	2:52	3:02	10
	3 VIS.	SIMILAR - SANDY LOAM & WEATHERED ROCK					
	4S	5'	3:05	3:07	3:07	3:10	3
	4D	14'	3:04	3:14	3:14	3:32	18

HIGH HOLE

4 1/2' in

8 MIN. AVG.

REMARKS

TYPE OF SOIL

TESTED BY R.H. & R.D.

ALSO PRESENT JIM D.

SH. 101 3 SECT. 2
WYNFIELD

3H21F3 SECT 1
WYNFIELD

ROAD

WYNFIELD

N 40° 00' 00" E 562.62'

540° 00' 00" W 562.62'

$L = 148.64'$
 $R = 1375.00'$

556°11'37"E.
50.00'(R)

② $R = 1425.00'$
 $L = 154.04'$

11
3.0000 Act

(12)

3,000 Act

~~(15) 1#m3
3.0000Ac~~

SHEET
WY
PLE

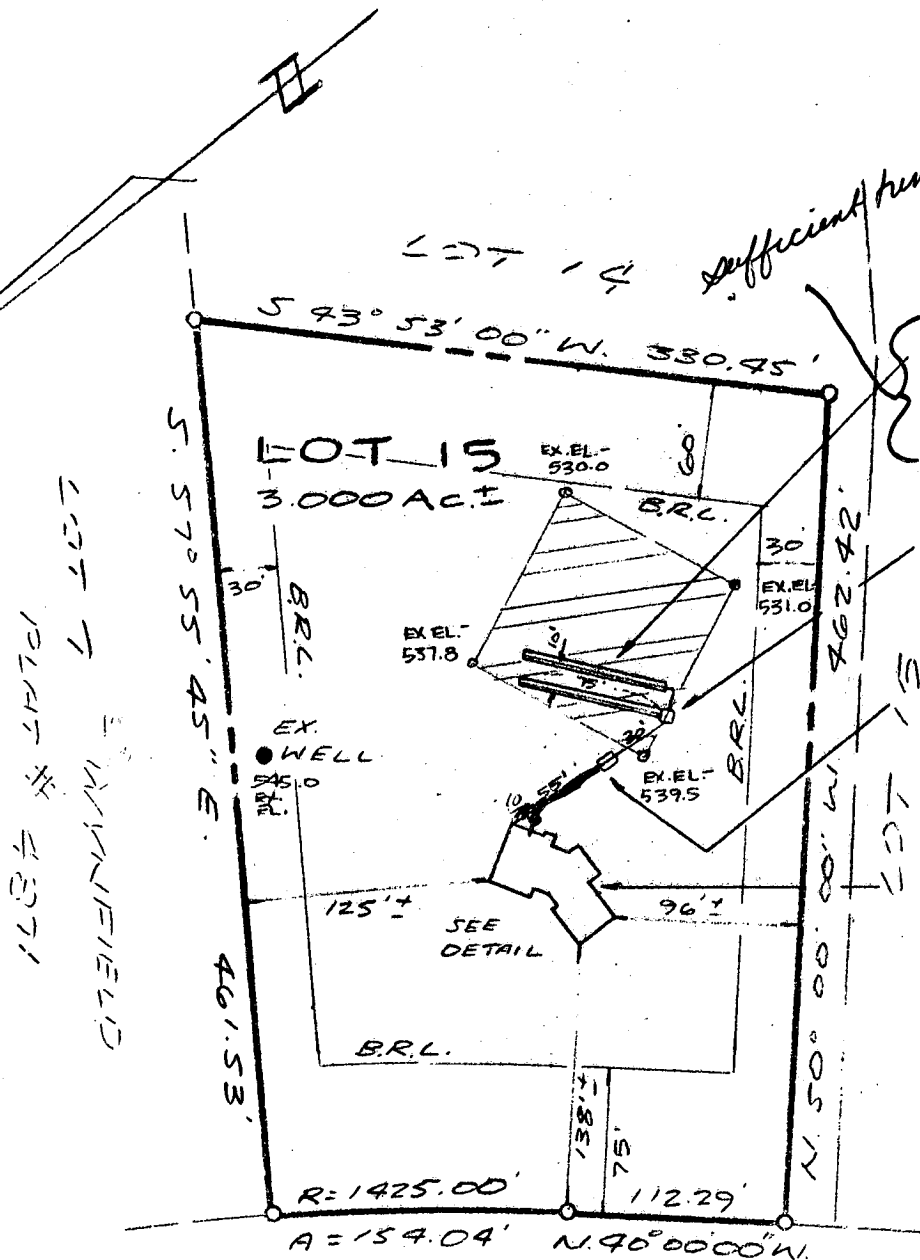
20 ft
down
10 ft
cut line

721.53' (N.R.)

B

BLDG. RESTRICTION LINE

20 FT. DRAIN-
AGE & UTILITY
EASEMENT



PROP. TRENCHES-

2 @ 75' (Length)
Inv. El. = 534.0 ✓
4' of stone,
8' bottom max.

PROP. DISTRIBUTION BOX -

Ex. El. = 538.0 ✓
Inv. El. = 534.25 ✓

PROP. SEPTIC TANK-

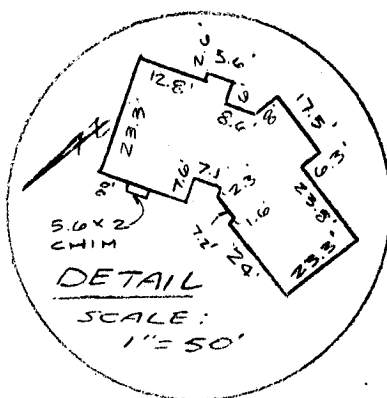
Ex. El. = 540.0 ✓
Inv. In = 535.1 ✓
Inv. Out = 534.85 ✓

PROP. 2-Story Hse.

F.F. El. = 546.0 ✓
Bsmt. El. = 538.0 ✓
Inv. Out = 536.2 ✓

⊕ BSMT

WYNFIELD ROAD
50' R/W



4/24/87

elevations ok
8/16

BLDG. PERMIT. SIGNED
AND RETURNED 4-24-87

BP#10913
8/16

PLOT PLAN

LOT 15, SECTION 2

WYNFIELD

SITUATED ON WYNFIELD ROAD
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 100'

MARCH 1987

REVISED: APRIL 22, 1987 - SEPTIC SYSTEM



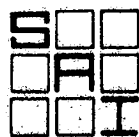
I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT
OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG
THE LAND RECORDS OF HOWARD COUNTY,
MARYLAND, AS REFERENCED HEREON.

REFERENCE

JOB NO.

PLAT NO 5459

87-1392



SHELADIA Associates, Inc.
CONSULTING ENGINEERS

310 A South Main Street, Mt. Airy MD. 21771
(301) 829-2890

C100821

SEQUENCE NO.
(OEP USE ONLY)

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-30319

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

H0-81-1282

DATE Received

DATE WELL COMPLETED

06/19/86

Depth of Well

2234026

(TO NEAREST FOOT)

OWNER

MOORE

DAVID

STREET OR RFD

last name

WYNFIELD RD.

first name

L.

TOWN

WEST FRIENDSHIP

SUBDIVISION

WYNFIELD ESTATES

SECTION

2

LOT

15

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)

Brown Shale

0

12

Sand Stone

12

30

Gray Micaceous Rock

30

340

dry well 320'

Filled in with cement
& drilling materials

GROUTING RECORD

WELL HAS BEEN GROUTED

(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL

CEMENT

CM

BENTONITE CLAY

BC

NO. OF BAGS

8

NO. OF POUNDS

752

GALLONS OF WATER

48

DEPTH OF GROUT SEAL (to nearest foot)

from

0

ft.

to

32

ft.

(enter 0 if from surface)

CASING RECORD

casing types
insert
appropriate
code
below

STEEL

CONCRETE

PLASTIC

OTHER

MAIN CASING TYPE

Nominal diameter
top (main) casing
(nearest inch)

Total depth
of main casing
(nearest foot)

57

63

64

35

66

70

OTHER CASING (if used)

diameter
inch

depth (feet)
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

SLOT SIZE 1

2

3

DIAMETER OF SCREEN

(NEAREST INCH)

56

60

GRAVEL PACK

IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68

68

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

T

(E.R.O.S.)

WQ

70

72

74

75

76

TELESCOPE CASING

LOG INDICATOR

OTHER DATA

DRILLERS IDENT. NO.

238

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

PUMPING TEST

HOURS PUMPED (nearest hour)

3

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

4

METHOD USED TO
MEASURE PUMPING RATE

bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

42

20

WHEN PUMPING

305

22

25

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

29

CAPACITY:
GALLONS PER MINUTE
(to nearest gallon)

31

35

PUMP HORSE POWER

37

41

PUMP COLUMN LENGTH
(nearest ft.)

43

47

CASING HEIGHT (circle appropriate box
and enter casing height)

+

above

LAND SURFACE

(nearest foot)

50

51

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)

Wynfield Rd.

dry well

153'

64'

of
6/19/86

Well Permit No. HO - 811282
Location of property (road) WYNFIELD RD
Subdivision WYNFIELD ESTATES Lot 15 Block Plat Sec. 2
Well Driller JOSEPH MAYNE Owner MOORE, DAVID L.

∴ High rate pumping -- reservoir drawdown

Time pump started 11:30 Pumping rate 12
Total time 45 min to reach pumping water level 305 ft. below M.P.

[illegible]

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

PUMP INSTALLATION

THE FOLLOWING STATEMENT MUST BE COMPLETED BY THE HOME OWNER
WHEN A PUMP IS INSTALLED BY A PERSON OTHER THAN THE WELL
DRILLER:

My well driller is not to install the pump for my water well, and I
hereby certify that it will be my responsibility to have a Pump Permit
taken out by a registered master plumber or certified pump installer.
It will be my responsibility to notify the Health Department before
and during the installation so that inspections can be made by their
representative. (Pursuant to Chapter XVII, of the Plumbing Code of
Howard County.)

David L Moore

(Name)

3462 Harrington Drive
Ellicott City, Md., 21043
Tel - 465-1965

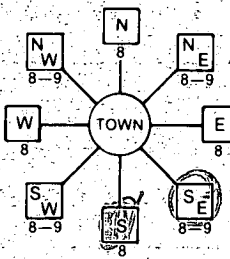
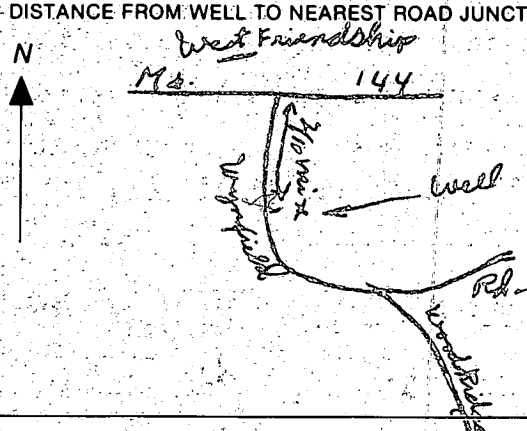
(Address)

HO 81- 1282

(OEP Well Permit Number)

12/30/85

(Date)

B 1 3947 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HO-81-1282 fill in this form completely
Date Received 1/22/85 OWNER INFORMATION 15 Last Name: MOORE Owner First Name: DAVY 36 Street or RFD: 3462 HARRINGTON DR. 57 Town: ELIZABETH 70 State: MD 72 Zip: 21043		B 3 LOCATION OF WELL 8 COUNTY: HOWARD 23 SUBDIVISION: WYNFIELD SECTION 2 LOT 15 52 NEAREST TOWN: WEST FRIENDSHIP MILES FROM TOWN (enter 0 if in town) 1 3/4 MI	
DRILLER INFORMATION Driller's Name: Joseph L. Morgan 77 License No. 80: 238 Firm Name: Joseph L. Morgan Well Drilling Address: 5512 Ridge Rd. Mt. Airy, Md. 21111 Signature: Joseph L. Morgan Date: 12/26/85		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD: Wynfield Road ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH [] WEST [] EAST [] SOUTH [] DISTANCE FROM ROAD: 133 FT ENTER FT or MI: FT	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.): 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME: HOWARD COUNTY NO.: A-30319 OEP SIGNATURE: B. N. N. DATE ISSUED: 01/06/86 NORTH GRID: 532000 EAST GRID: 0816000 CO SIGNATURE: B. N. N. EXP. DATE: 07/06/86	
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)		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 E 816 N 532	
APPROXIMATE DEPTH OF WELL: 200 FEET APPROXIMATE DIAMETER OF WELL: 6 INCH		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jettied & DRIVEN 30-37 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT other:		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 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41:	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER: GAP FORCE: B.N. WRITE INITIALS IN BOX: PERMIT NO.: HO-81-1282		SPECIAL CONDITIONS	

6/17/86
1248 PM

- ① Ungrounded Well with Joe Wayne Name
Ground 280 ft from Edge of Winfield
& 15 ft from Left side of lot
- ② Lot located about same area as Vicinity Sketch

81-0813