

03-312-275

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

DISTRICT 3rd

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 4/24/90

INDEXED

DATE SYSTEM APPROVED 6/7/90

INSPECTOR M. R. F. Kin

5:2540 (1 PM)
Layout inspection
Meet Hy's Lowe on Crows Foot Rd
6/6/90 Now
6/7/90 Now

HY & LOWE
Dave Hopkins

IS PERMITTED TO INSTALL ALTER

ADDRESS 17550 Old Frederick Road, Mt. Airy, Maryland 21771 PHONE 831-7257

SUBDIVISION Meadowood ROAD 1236 Crowsfoot Road LOT 12

PROPERTY OWNER Vision Builders

ADDRESS _____

~~GARBAGE GRINDERS USE TO INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%~~

GARBAGE GRINDER YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2½ feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 2½ feet below original grade. 44½ feet of stone below distribution pipe.

LOCATION - Start first trench 160' from the front lot line and ^{95'} 115' from the right lot line. Run trenches along contour toward right side and left side of property. AS SEEN WHEN FACING LOT FROM CROWS

NOTE - Not trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

VEST. R17 5/25/90 B. Rodgers
amended after site inspection
Craig Williams

PLANS APPROVED BY _____ DATE 11/16/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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

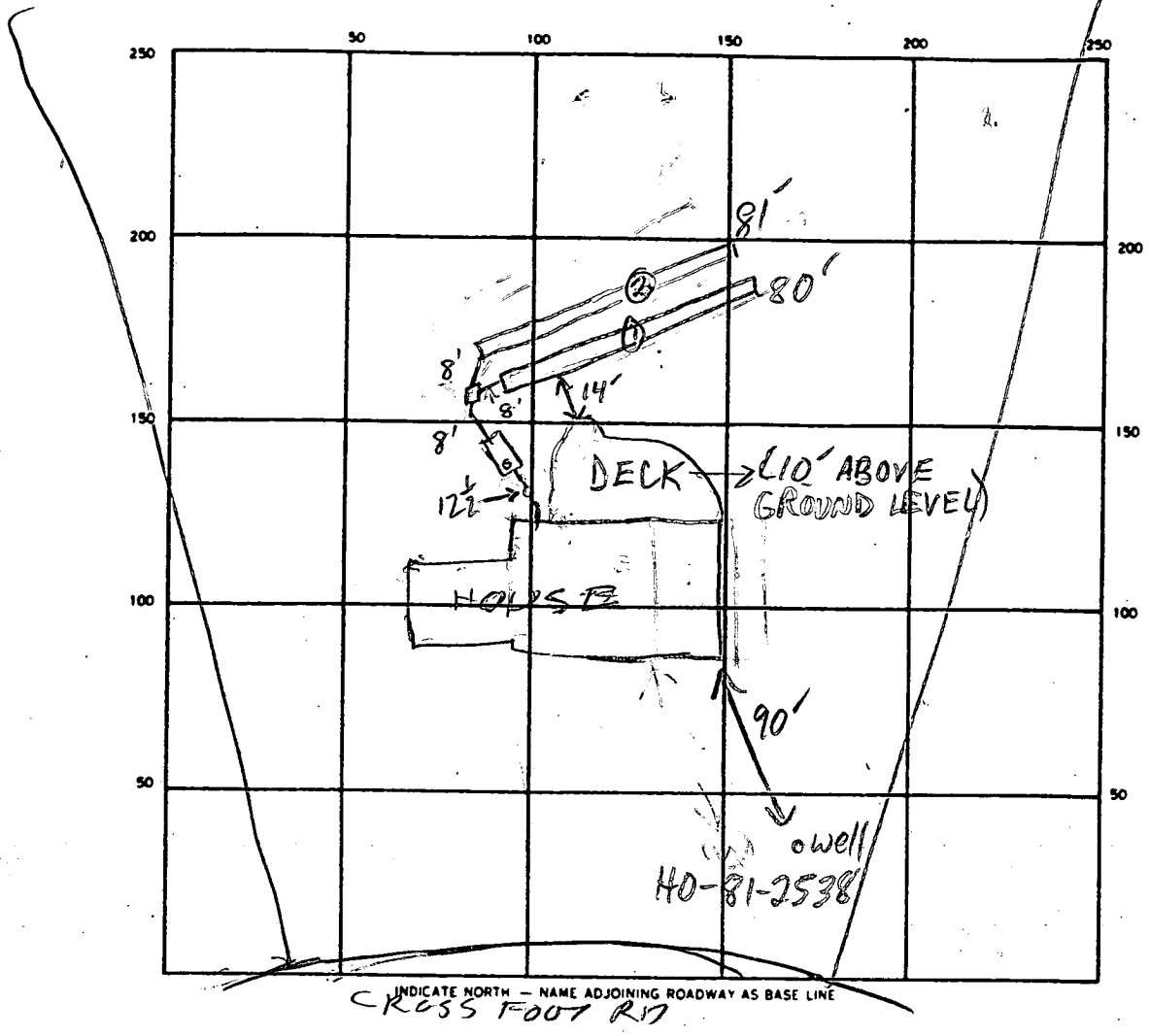
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 38120



SEPTIC TANK LEVEL 1250 GAL-OK CLEANOUTS INLINE-OK S.T.-OK
 DISTRIBUTION BOX LEVEL OK-BAFFLE IN
 DRAIN FIELD/TILE FIELD. DEPTH $\frac{1}{2}$ / $\frac{2}{8}$ FT. TRENCH WIDTH $\frac{1}{2}$ / $\frac{2}{2}$ FT. INLET DEPTH 2 1/2 FT.
 EFFECTIVE GRAVEL DEPTH 5 1/2 FT. TOTAL LENGTH $\frac{20}{191}$ FT.
 NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 0440 (2)445 SQ. FT.
 DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA 885 SQ. FT.

REMARKS 6/6/90 LOCATION OK. ADD STONES TO TRENCHES
HOOK UP TANK & CALL OK TO COVER MIDDLE OF TRENCHES RH
6/7/90 TRENCHES OK, BUT DECK FOOTINGS 14' FROM
TRENCH (1). OWNER SAYS RH OK'D SITE; NO SUBSTANTIAL
IMPACT-COVER ALL

DATE SYSTEM APPROVED 6/7/90 INSPECTOR M. RITKIN

APPLICATION

PERCOLATION TESTING

38120
A ~~38119~~
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____
DATE 11/28/86

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 Springhill Associates - c/o D.S. Thaler & Associates, Inc.

ADDRESS 11 Warren Road, Baltimore, MD 21208 PHONE (301) 484-4100

PROSPECTIVE BUYER N/A Vision Builders - 730-4653

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Meadowood LOT NO. 13 12

ROAD AND DESCRIPTION Henryton Road - approximately 4000' north of Tunnel Road
Howard County, Maryland 1236 Crows Foot Rd.

TAX MAP 10 PARCEL # 139

SIZE OF LOT 3+ Acres TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

Mike Sudek
(SIGNATURE OF APPLICANT)

APPROVED BY Sid Uebel FOR Deep trenches DATE 5-18-89

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

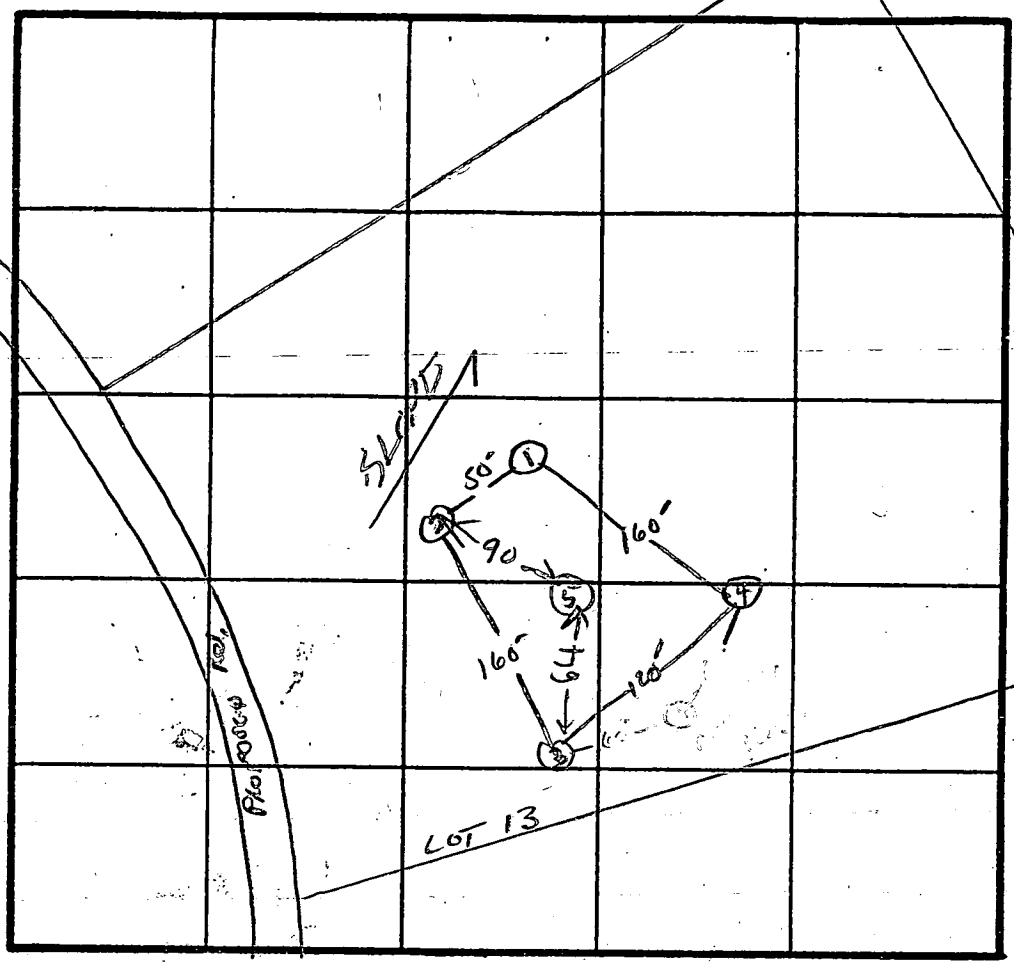
REASONS FOR REJECTION OR HOLDING 12/11/86 PERC OK HOLD FOR PIA

BLDG. PERMIT SIGNED
AND RETURNED 5-18-89
BP 25807 SAU

THIS IS NOT A PERMIT

SOIL PROFILE

①
 4 1/2'
 BROWN CLAY
 BINK BEIGE SAND LOAM
 10% SAPOLITE



L.O.S.

LOT 13

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
 UTD HENRYTON Rd.

⑤
 0
 CLAY
 2
 BEIGE SAND LOAM

②
 8 BROWN CLAY
 PINK & BEIGE SAND LOAM

③
 BROWN CLAY
 BEIGE SAND LOAM
 10% SAPOLITE

④
 BROWN CLAY
 BEIGE SAND LOAM
 10% SAPOLITE
 EH-12-10795

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/10/86	1 S	4	1023	1028	SLOPE		2 MIN AT 5'
	1 V	11	OK	BELOW			
12/10/86	2 S	3.5	1026	1027	1027	1028	1 MIN
	2 V	12	OK				
	3 S	6	1033	1034	1034	1035	1 MIN
	3 V	3.5	1036	1037	1037		1 MIN
	4 S	11	OK		1037		
	4 V	3	1040	1041	1041	1042	1 MIN
	5 S	11	OK				
	5 V	12	OK				
	1" M	5	1107	1108	1108	1110	2

HOLD ELEVATIONS

③ = HIGH
 ① = LOW
 ④ = MEDIUM

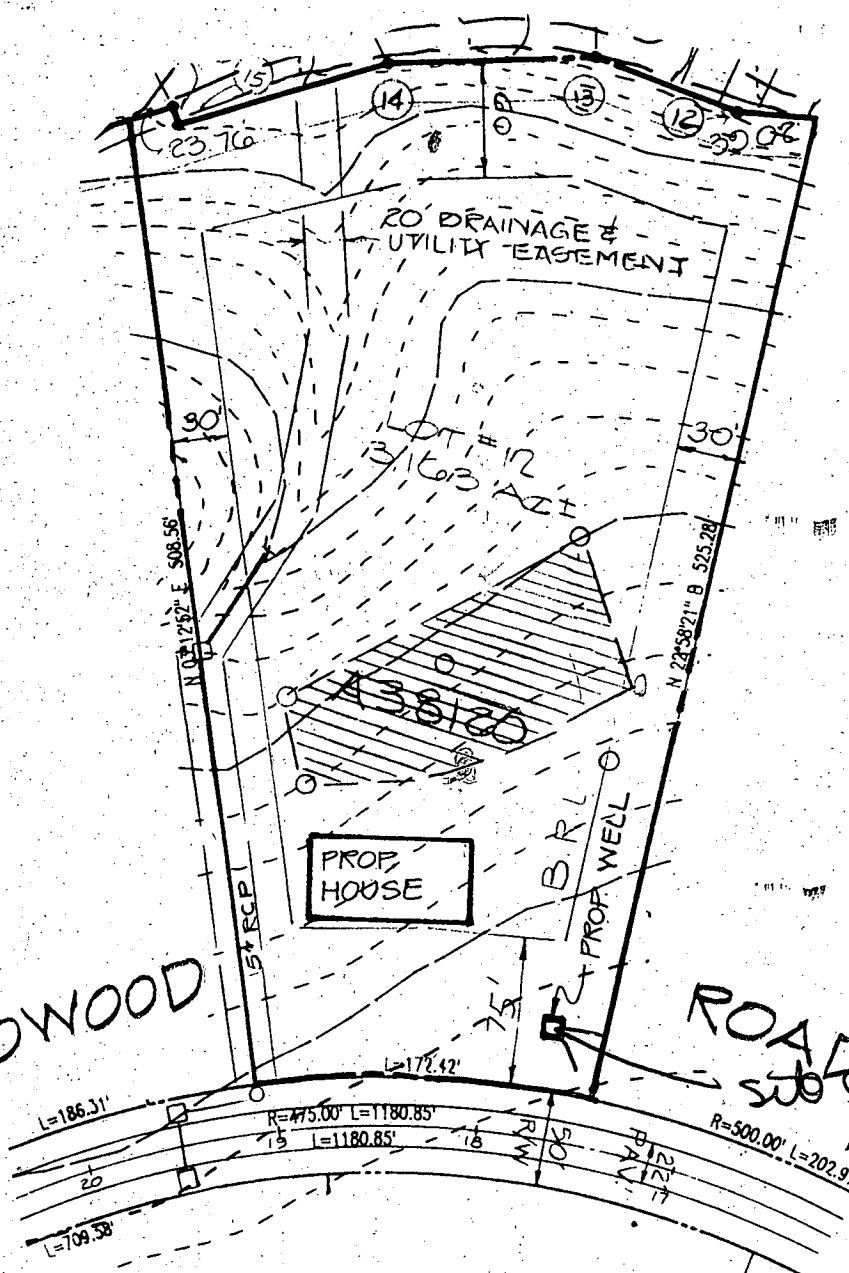
X PER 2 MIN
 160 RBR IN LOT 3 BOTTOM

REMARKS HOLES ① EX ③ ④ DUG PER SURVEYOR ALAT HOLE ⑤ DIFFER

TYPE OF SOIL

TESTED BY B. HODGES

FY0426 ROCKY & BILL
 ALSO PRESENT



ROAD 8/21/87
 sub'd
 as shown
 (bow)

OWNER
 SPRING HILL ASSOCIATES
 RUTH H. WESTON
 1427 ROUTE 32
 SYKESVILLE, MD. 21784

DEVELOPER
 KOREN DEVELOPMENT CORP INC.
 5423 WATERCRESS PLACE
 COLUMBIA, MARYLAND 21045

RECEIVED
 JUN 30 1987
 L.F. EASTERDAY, INC.

D.S. Thaler & Assoc. Inc.
 CIVIL ENGINEERS · SURVEYORS
 LANDSCAPE ARCHITECTS
 11 WARREN ROAD
 BALTIMORE, MARYLAND 21208
 (301) 484-4100

LOT # 12
MEADOWOOD
 SECTION ONE
 TAP MAP 10 PARCEL 139
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' DATE: JUNE 25, 1987

B 7 2292 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND PERMIT TO DRILL WELL
please print or type

OEP PERMIT NUMBER
HC-81-2538
fill in this form completely

Date Received 07/14/87
OWNER INFORMATION
SPRING HILL ASSOC.
1432 AT 32
W FLEMING AIA MD 21794

LOCATION OF WELL R-39640
HOWARD COUNTY
MEADOWWOOD
SECTION 1 LOT 12
SLACKS CORNELL
MILES FROM TOWN 4 MI

DRILLER INFORMATION
George F. Easterday
Franklin Easterday, Inc.
9265 Br. Ch. Rd., Mt. Airy, Md. 21771
Signature: George F. Easterday 7/12/87

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
DISTANCE FROM ROAD 75 FT

WELL INFORMATION
APPROX. PUMPING RATE (GAL. PER MIN.) 5
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
COUNTY NAME HOWARD COUNTY NO. A38120
OEP SIGNATURE B. Wilson DATE ISSUED 08/08/88
NORTH GRID 548000 EAST GRID 082000

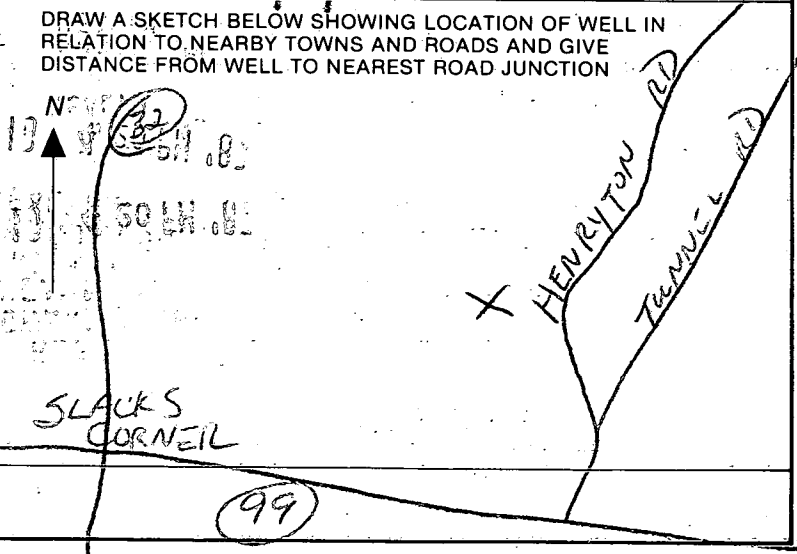
APPROXIMATE DEPTH OF WELL 200 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)
BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-Percussion ROTARY (Hydraulic Rotary)
CABLE Reverse-ROTARY Drive-POINT

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
SOURCES OF DRILLING WATER
1. WELL
2. GROUND
3. BAGS OF CEMENT
WRITE THE BOX NUMBER FROM THE MAP HERE
820
540

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 DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (OEP USE ONLY)
APPROX. PERMIT NUMBER GAP
FORCE INITIALS PERMIT NO. HC-81-2538

SPECIAL CONDITIONS

Age _____ of _____
 Date _____

John
8-11-88
7:00

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2538
 Location of property (road) MEADOWWOOD ROAD
 Subdivision MEADOWWOOD Lot 12 Block _____ Plat _____ Sec. 1
 Well Driller GEORGE EASTERDAY Owner ASSOCIATES, SPRING HILL HAGON
 Depth of well 400 13/4
 Distance of measuring point (M.P.) above ground 2
 Static water level (S.W.L.) below M.P. 43'

I. High rate pumping -- reservoir drawdown

Time pump started 9:15 Pumping rate 10 G.P.M.
 Total time 30 min to reach pumping water level 166 ft. below M.P.

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

Pump 380'

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill #1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:45	166'	30 sec		2 G.P.M.
10:00	166'	30 sec		2 G.P.M.
10:15	166'	30 sec		2 G.P.M.
10:30	166'	30 sec		2 G.P.M.
10:45	166'	30 sec		2 G.P.M.
11:00	166'	30 sec		2 G.P.M.
11:15	166'	30 sec		2 G.P.M.
11:30	166'	30 sec		2 G.P.M.
11:45	166'	30 sec		2 G.P.M.
12:00	166'	30 sec		2 G.P.M.
12:15	166'	30 sec		2 G.P.M.
12:30	166'	30 sec		2 G.P.M.
12:45	166'	30 sec		2 G.P.M.
1:00	166'	30 sec		2 G.P.M.
1:15	167'	30 sec		2 G.P.M.
1:30	167'	30 sec		2 G.P.M.
1:45	167'	30 sec		2 G.P.M.
2:00	167'	30 sec		2 G.P.M.
2:15	167'	30 sec		2 G.P.M.
2:30	167'	30 sec		2 G.P.M.
2:45	167'	30 sec		2 G.P.M.
3:00	167'	30 sec		2 G.P.M.
3:15	167'	30 sec		2 G.P.M.
3:30	167'	30 sec		2 G.P.M.

HD-224 *3/45* | *167'* | *30 sec* | *2 G.P.M.*

6/8/90

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 # 45542
Date 02/12/90
Name of Installer Crouse P & H Telephone 531-3311
License Number 4450
Certified Well Pump Installer Well Driller Registered Plumber
Name of Property Owner Vision Builders Telephone 730-4653
Subdivision Meadowood Lot # 12 Well Tag # HO-81-2538
Site Address 1236 Crousefoot Rd. Marriottsville Road

Pump
1. Type
a. Deep well jet
b. Shallow well jet
c. Submersible
2. Make Quaker
3. Model # _____
4. Capacity _____ 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

Motor
1. Horsepower _____
2. RPM _____
3. Voltage _____
a. 110 _____
b. 220 _____

Pitless Adapter
1. Make _____
2. Model # _____
3. Depth _____

Tank
1. Capacity 10 gal.
2. Pressure relief valve? yes.
P.A. OK 3' B-6.
MR 6/8/90

Piping
1. Type Plastic
2. Size 1"
3. NSF and/or BOCA Code approved _____
4. Depth of supply line 42"

Well data
1. Depth _____ ft.
2. Yield _____ GPM
3. Static water level _____ ft.
4. Will water supply be disinfected by installer?

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: Robert H. Pletta
Date: 2/12/90

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