

10-25-93
10/26/93 ASAP

PERMIT

04-346548

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49687

A 38358

DISTRICT 4th

DATE 10/22/93
08/25/93

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

DATE SYSTEM APPROVED 10/26/93

INSPECTOR M. Ritkin

INDEXED

Ecgle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER

580 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5674

SUBDIVISION Glenwood Springs LOT 11 ROAD 2829 Saddlewood Court

PROPERTY OWNER Mark Rauchard Adele Motter

ADDRESS

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 350

TRENCHES - Trench to be 2 feet wide. Inlet 5 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 5 feet below original grade. 3 feet of stone below distribution pipe.

LOCATION - Place the first trench 25 feet off the rear (651.02') lot line and 90 feet off the left lot line as seen when facing the lot from Saddlewood Court. Run trenches on contour toward the front of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/HR 7/22/93

PLANS APPROVED BY Sid Abel DATE 5/13/88

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, 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

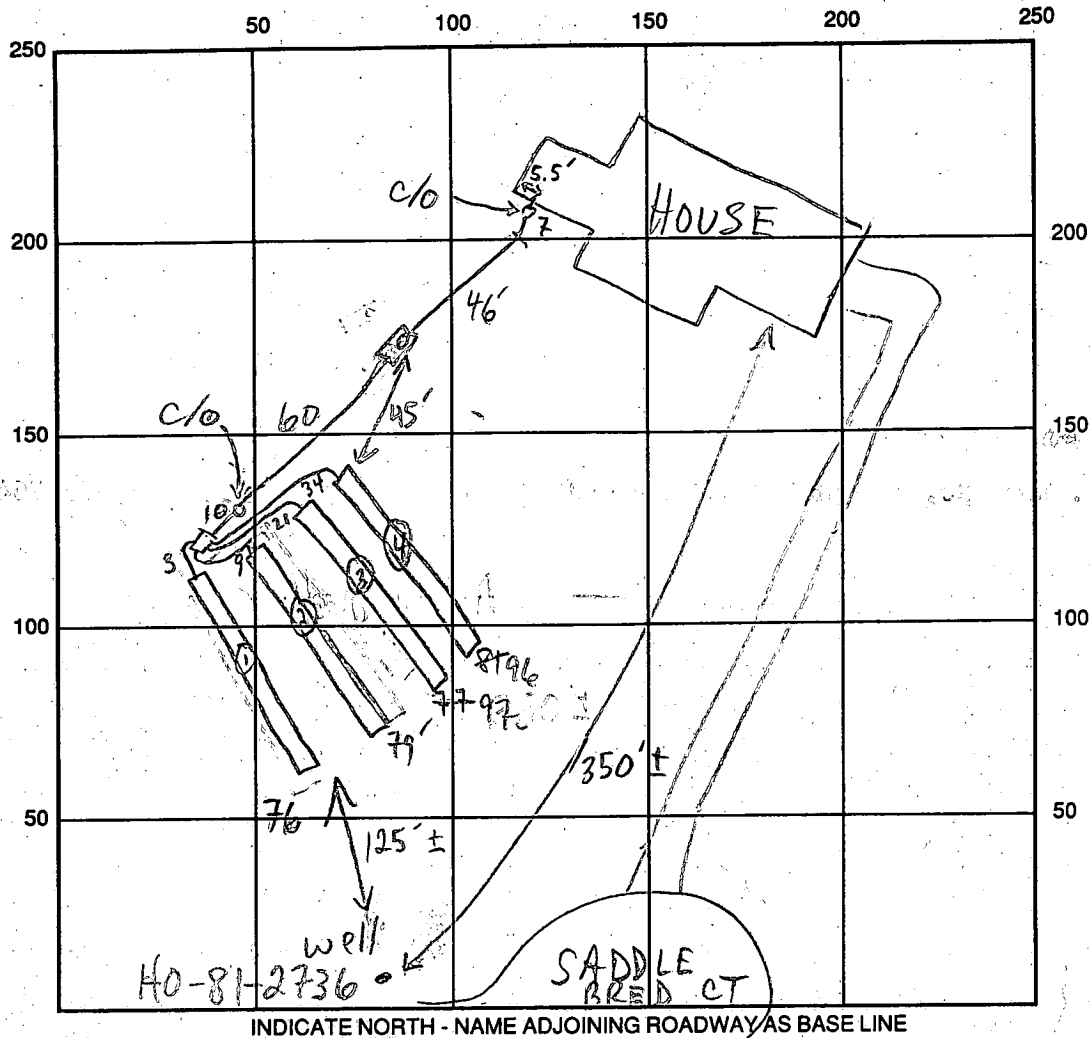
PERMIT VOID AFTER TWO YEARS

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 38358



SEPTIC TANK LEVEL 1500 GAL - OK CLEANOUTS 2 IN LINE - OK; S.T. - OK
 DISTRIBUTION BOX LEVEL DK BAFFLE IN
 DRAIN FIELD/TITLE DEPTH

1	2	3	4
8	8	8	8

 FT. TRENCH WIDTH 2 FT. INLET DEPTH

1	2	3	4
5	5	5	5

 FT.
 EFFECTIVE GRAVEL DEPTH

1	2	3	4
3	3	3	3

 FT. TOTAL LENGTH ①76 ②79 ③97 ④96 FT.
 NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA ①228 ②237 ③291 ④288 SQ. FT.
 DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA 1044 SQ. FT.

REMARKS: 10/25/93 #1 CONFIRMED STARTING LOC. W/INSTALLER, OK TO
CONTINUE MR 10/25/93 #2 OK TO CONTINUE MR
10/26/93 #1 OK TO CONTINUE MR
10/26/93 #2 OK TO COVER MR

10/27/93 WPI OK to cover 4' below grade ARM

DATE SYSTEM APPROVED 10/26/93 INSPECTOR M. Rifkin

APPLICATION

PERCOLATION TESTING

A 38358

P _____

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

DISTRICT _____

DATE _____

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 Source Corp Mark Rauchard

ADDRESS _____ PHONE 301-846-9459

PROSPECTIVE BUYER RON CARTER

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION HAILES PROP - GLENWOOD SPRINGS LOT NO. 11 Prelim on 4/29/87

ROAD AND DESCRIPTION HAILES Rd. 2829 SADDLEBROOK Ct.

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 5/24/88
Serial # 48671-STEP

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.

(SIGNATURE OF APPLICANT)

APPROVED BY SID ABEL FOR Deep Trenches DATE 5-13-88

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2-3-87 PERC UNSATISFACTORY; WATER IN BEST TEST AREA

2-4-87 PERC. SATISFACTORY; HOLD FOR SUBDIVISION PLAT SHOWING NEW LOT

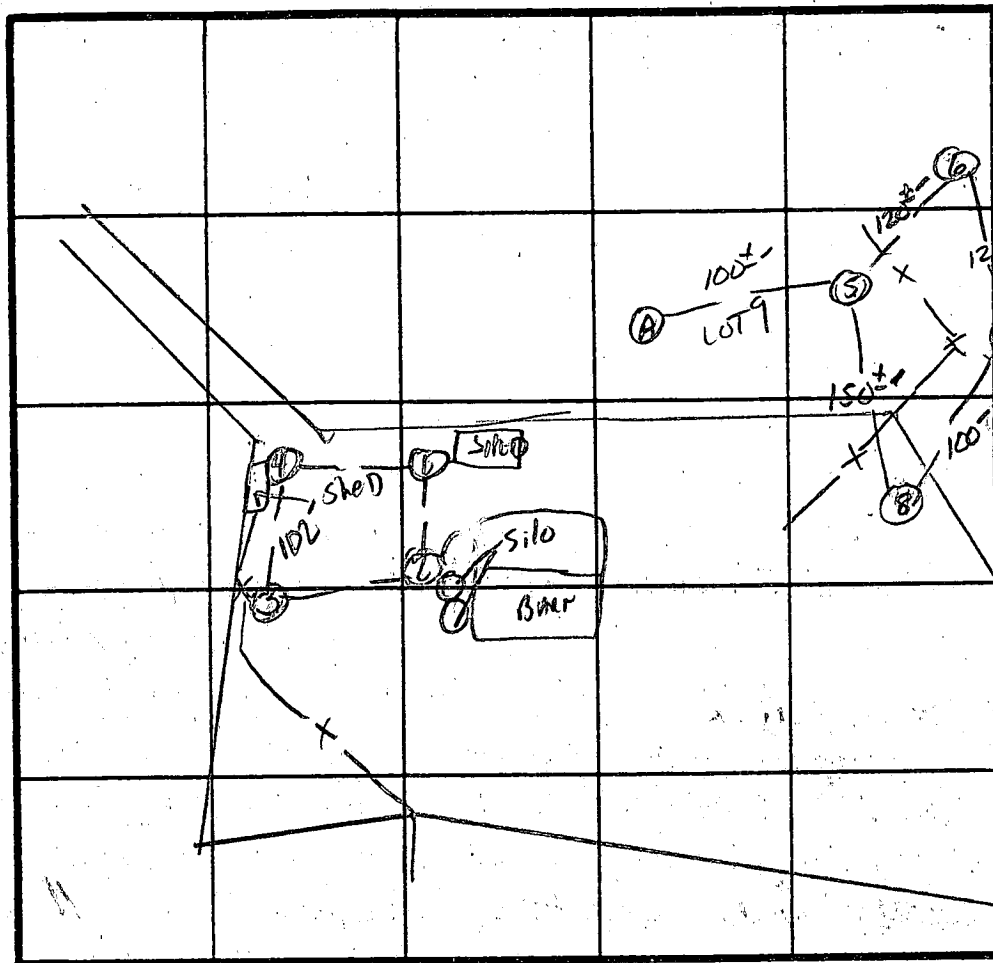
LINES. S. ABEL

BLDG. PERMIT SIGNED
AND RETURNED 5-1-89
Serial # 48671-STEP

THIS IS NOT A PERMIT

SOIL PROFILE

0'	AP
14"	Yellow Red Silt loam 8-12% CUS 60% Fines
4.5'	Yellow Bk silt loam 10-15% Fines
12'	



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

140885 Rd

X Perc
15 min

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/3/87	1	WATER AT 9 FE	NO MOTTLES				
	2	WATER AT 4.5 FE	NO MOTTLES				
	3	WATER AT 6' 9"	NO MOTTLES				
	4	WATER AT 10 FE	NO MOTTLES				
2/4/87	5 S	5"	12:51	11:06	11:06	11:31	25 min
	5 V	12.5"	UNIFORM SOIL below 4.5"				
	7 S	5"	12:56	11:00	11:00	11:09	9 min
	7 M	8"	12:07	11:09	11:09	11:14	5 min
	7 V	12.5"	UNIFORM SOIL below 4.5"				
	6 S	4.5	11:14	11:20	11:20	11:40	20 min
	6 V	12	UNIFORM SOIL below 4.5"				
	8 V	12"	UNIFORM SOIL below 4.5"				

220 #/BA
IN. 5'
BOT. 8'

REMARKS HOLES DIFF THAN FLAT COMBINE 11+12 NO AREA REMAINING TO TEST

TYPE OF SOIL

TESTED BY

S. Abel

ALSO PRESENT

C. Cissil, Phil M.

DENNIS L. HUBBARD
PLAT. 7194

126.15'

N 19° 38' 12" E

60'

3.102 AC. ±

BUILDING RESTRICTION LINE

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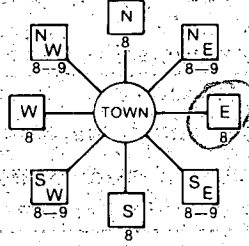
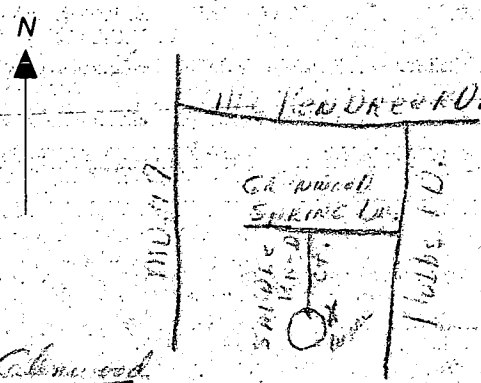
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SIGNED: Anthony J. Vitto



B 1 5608 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-81-2736 fill in this form completely
Date Received (APA) 042788 OWNER INFORMATION CARRUTHER DECEMBER 14 1988 15 Last Name Owner First Name 36 8 12 2 34 57 70 State 72 Zip 76		LOCATION OF WELL 11 HOWARD 8 COUNTY 21 23 SUBDIVISION 42 52 NEAREST TOWN 51 WOOD 71 MILES FROM TOWN (enter 0 if in town) 9 73 76 77 78	
DRILLER INFORMATION Joseph I. Myrve Driller's Name 77 License No. 80 Firm Name 5512 Ridge RD. NW. NW 4 9121 Address Signature Date 1/26/88		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  NEAR WHAT ROAD 11 SAUNDERS CT. 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH N WEST W EAST E SOUTH S 34 30 37 DISTANCE FROM ROAD ENTER FT or MI 17 38 39	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 5 14 20		NOT TO BE FILLED IN BY DRILLER. HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A-28358 STATE SIGNATURE INSERT S DATE ISSUED 051388 CO SIGNATURE EXP. DATE 11-12-88 NORTH GRID 531000 EAST GRID 0795000	
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 1945 N 541 000 000	
APPROXIMATE DEPTH OF WELL 200 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 INCH METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30 AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary) 37 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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER 54 GAP 63 FORCE 5A WRITE INITIALS IN BOX PERMIT NO. 40-81-2736 67 68 70 71 72 73 74 75 76 77 78 79		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
SPECIAL CONDITIONS COUNTY			

C1 522

SEQUENCE NO.
(DENV 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-38358

DATE Received
[] [] [] [] [] [] [] []
8 13

DATE WELL COMPLETED
051488
15 20

Depth of Well
22 245 26
(TO NEAREST FOOT)

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
HC-81-2736
28 29 30 31 32 33 34 35 36 37

OWNER CARMAI ASSOCIATES
last name SADDLEBRED CT first name CLARENCE TOWN CLARENCE
SUBDIVISION CLARENCE SPRINGS SECTION 11 LOT 11

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	
<u>SAND</u>	<u>0</u>	<u>68</u>	
<u>CHY Mica Rock</u>	<u>68</u>	<u>245</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL
CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 10 NO. OF POUNDS 740

GALLONS OF WATER 100

DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 40 ft.
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

ST CO
STEEL CONCRETE
PL OT
PLASTIC OTHER

MAIN CASING TYPE ST Nominal diameter 6 Total depth 245
(nearest inch) (nearest foot)

OTHER CASING (if used)

EACH CASING

diameter inch	depth (feet) from	to
[] []	[] []	[] []
[] []	[] []	[] []

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

ST BR HO
STEEL BRASS OPEN
PL OT
PLASTIC OTHER

DEPTH (nearest ft.)

EACH SCREEN

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<u>H</u>	<u>0</u>	<u>7</u>	<u>3</u>	<u>2</u>	<u>4</u>	<u>5</u>													
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SLOT SIZE 1 2 3

DIAMETER OF SCREEN 6 (NEAREST INCH)

CIRCLE APPROPRIATE LETTER
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. 238
Joseph L. Mayne
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

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

GRAVEL PACK from to
IF WELL DRILLED WAS
FLOWING WELL INSERT
F IN BOX 68

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

T (E.R.O.S.) WQ
70 [] 72 [] 74 [] 75 [] 76 []
TELESCOPE LOG OTHER DATA
CASING INDICATOR

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 12

METHOD USED TO MEASURE PUMPING RATE Barbed

WATER LEVEL (distance from land surface)
BEFORE PUMPING 25
WHEN PUMPING 28

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

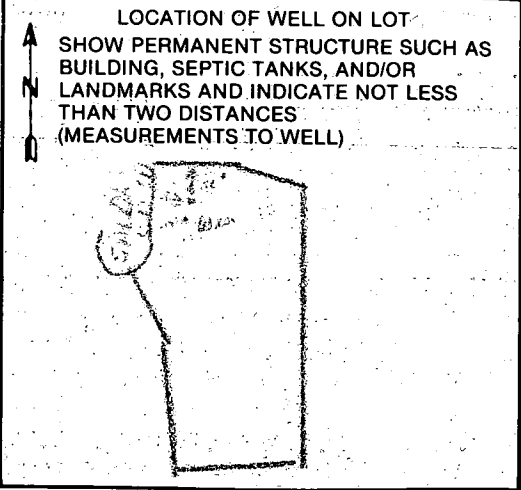
TYPE OF PUMP INSTALLED
PLACE (A,C,J,P,R,S,T,O)
IN BOX - SEE ABOVE: 29

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 1 (nearest foot)
- below }



COUNTY

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2736
Location of property (road) SADDLEBRED CT
Subdivision GLENWOOD SPRINGS Lot 11 Block _____ Plat _____ Sec. _____
Well Driller J. MAYER Owner CARMAN ASSOC.

Depth of well 245'
Distance of measuring point (M.P.) above ground 1'
Static water level (S.W.L.) below M.P. 25'

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 15 gpm.
Total time 15 min to reach pumping water level 28 ft. below M.P.

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

[illegible]

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 X
Replacement _____

Receipt # -0-
Date 8/25/93

Name of Installer Wm. H. Smith Jr

Telephone 410-879-7641

License Number PI 58

Certified Well Pump Installer X Well Driller _____ Registered Plumber _____

Name of Property Owner Mary Rouchard

Telephone _____

Subdivision Wheatwood of Morris Lot # 11

Well Tag # 410-81-2736

Site Address 2829 Lashburn Road

Pump

1. Type
 - a. Deep well jet _____
 - b. Shallow well jet _____
 - c. Submersible _____

Motor

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

Pitless Adapter

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

2. Make _____

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 _____

Tank

1. Capacity _____
2. Pressure relief valve? _____

Piping

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

Well data

1. Depth 245 ft.
2. Yield 12 GPM
3. Static water level 28 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: William H. Smith Jr

Date: 8-25-93

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