

9/28/87
pm

10/6/87
pm

Tax ID - 04 335783
N

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

P 40167
A 36347
DISTRICT 4th
DATE 9/28/87
DATE SYSTEM APPROVED 10/6/87
INSPECTOR SAU

Eagle's Septic Service, Inc. IS PERMITTED TO INSTALL X ALTER _____
ADDRESS 6430 Woodbine Road, Woodbine, Maryland 21797 PHONE 795-5674
SUBDIVISION Glenwood Estates ROAD 3311 Saddle Horse Court LOT 5, Section 2
PROPERTY OWNER Willis J. Hamilton
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 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8½ feet below original grade. Effective area begins at 4 feet below original grade. 4½ feet of stone below distribution pipe.
LOCATION - Start 1st trench 65 feet from the 370 ft. lot line and 185 feet off 125 ft. lot line (back lot line when viewing property from Saddle Horse Court entrance). run trenches along contour towards 355' (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. 6V/SA

PLANS APPROVED BY B. Nixon DATE 1/10/86

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.

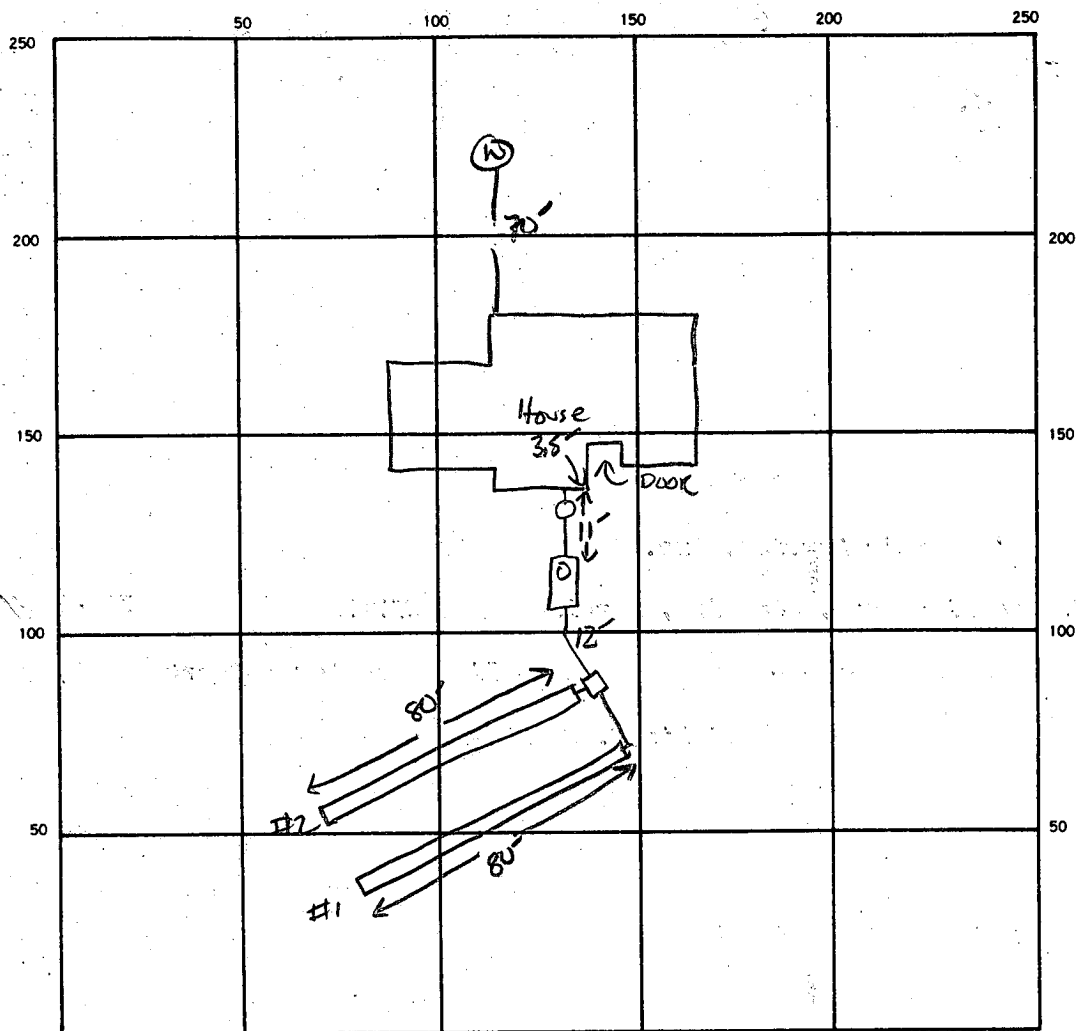
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 36347



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK LEVEL ☒ CLEANOUTS ☒ IN LINE + ST

DISTRIBUTION BOX LEVEL ☒

DRAIN FIELD TILE FIELD DEPTH 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4.5 FT. TOTAL LENGTH 80 80 160 LF

NUMBER OF TRENCHES 2 ONE SIDEWALL BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA 720 SQ. FT.

REMARKS 10/6/87 OK TO ADD STONE. SAW

DATE SYSTEM APPROVED 10/6/87 INSPECTOR S. Ruff

APPLICATION

A 19225

SEWAGE DISPOSAL TESTING

P _____

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: 465-3000, EXT. 356

DISTRICT

DATE

1000 gallons

4/6/74

*Septic Tank { 1-3 Bedrooms 1250, 4 Bedrooms 1250, 1000 gallons }
Dry well * to have 155 yft. effective
absorbant sidewall area per bedroom below inlet.
Inlet to be 4' and maximum depth 11'. Location:
10' off left property line and 125' from rear
property line (when facing) lot from R/W line
205' long per plat.*

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 Justice Tract, Joint Venture

ADDRESS 1131 Univ. Blvd. W. Rm. 215, Silver Spring, Md. 20902 PHONE 649-1500

PROPERTY LOCATION:

SUBDIVISION Glenwood Estates LOT NO. 5, Sec. 2

ROAD AND DESCRIPTION South Side of Burntwoods Road midway bet. Sharp Rd. & Shady Lane

SIZE OF LOT 43,000 sq. ft. TYPE BLDG. 3
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 Justice Tract, Joint Venture by Perunich Partner

APPROVED BY C. B. Streaker FOR Dry well DATE 1/13/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Certify holes C.B.S.

THIS IS NOT A PERMIT

125

LOT 4

LOT 6
(Built on)

MAKE THIS
NEW
PERC FIELD

SMALL VEHICLES
SADDLE HORSES

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

← DRIVEWAY LEADING TO SADDLEHORSE CT.

[illegible]
$$\begin{array}{r} 115 \\ 95 \\ \hline 210 \end{array} \quad \begin{array}{r} 370 \\ 210 \\ \hline 160 \end{array}$$

13 bottles

REMARKS

Soil profile similar to others tested in
area

TYPE OF SOIL

APPLICATION

A 19825

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 12/6/74

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 Justice Tract Joint Venture

MR. HAMILTON

ADDRESS 1131 Univ. Blvd. W. Rm. 215, Silver Spring, Md. 20902 PHONE 649-1500

PROPERTY LOCATION:

SUBDIVISION Glenwood Estates LOT NO. 5, Sec. 2

ROAD AND DESCRIPTION South Side of Burntwoods Road midway bet. Sharp Rd. & Shady Lane

SIZE OF LOT 43,000 sq. ft. TYPE BLDG. 3
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 Justice Tract Joint Venture by *Permuting* Partner

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

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

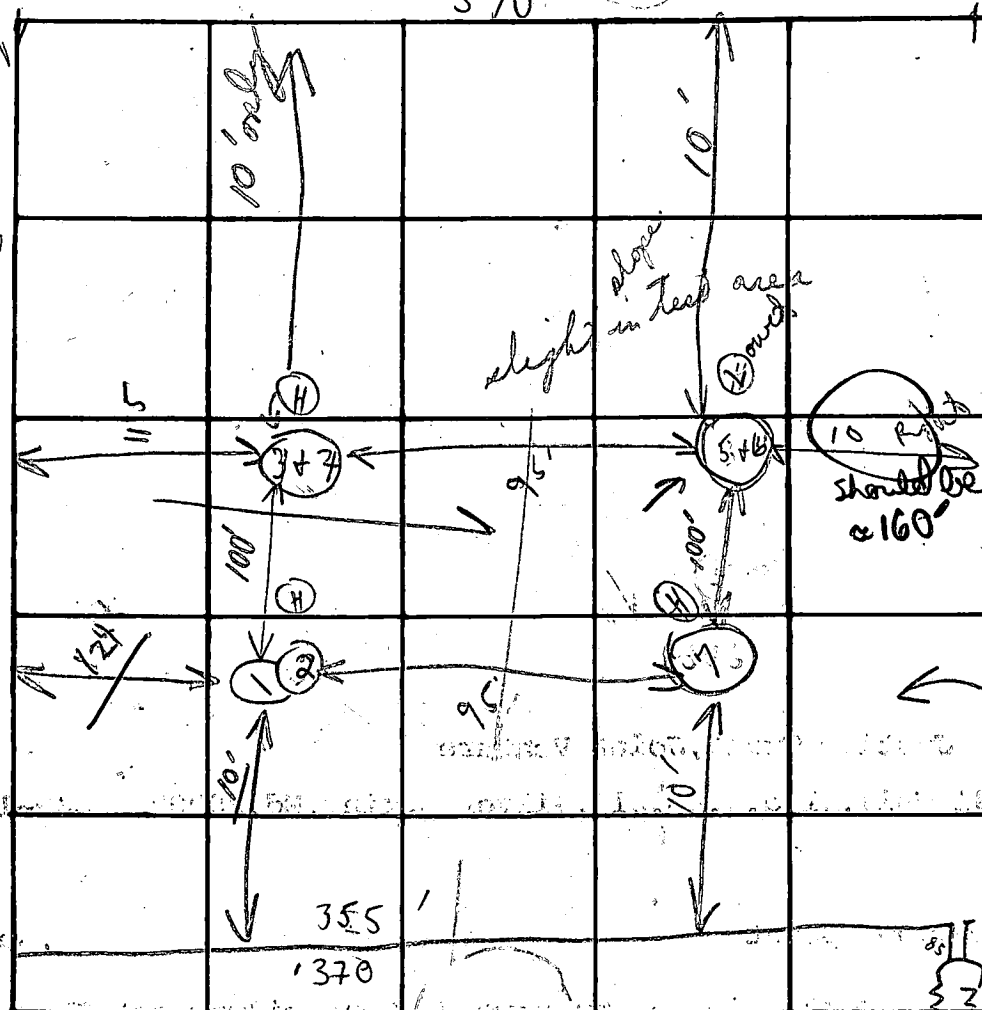
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

12/19/85
wants
to push
perc field

(slope wise)
front part
lower part



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/74	1	4'	1:17	1:21	1:21	1:36	15 in
See	(10) 2	12'	1:17	1:22	1:22	1:31	9 in
	3	5'	1:20	1:26	1:26	1:32	6 in
	(11) 4	12 1/2'	1:21	1:24	1:24	1:29	5 in
	(12) 5	4'	1:24	1:28	1:28	1:34	6 in
	6	11 1/2'	1:24	1:29	1:29	1:35	6 in
Visual	(13) 7	11'	Visual similar to other				
							6/47

REMARKS

TYPE OF SOIL

Antipy holes

light soil

Tested by A. B. A.

Present - Leasing Co.

SADDLE
HORSE
COURT

$$R = 50.00$$
$$A = 20.92$$

5°09'10"E
85.13'

85.13

BUILDING RESTRICTION
LINE

PROP. ELEV

A - GAR = 101.0t

B - FM.R.M = 102.3±

C - FF = 103.64

D - CE = 95.4 ±

REV. 10/22/86 TO SHOW NEW

ELEV. & GRADING

REV 11-20-86 TO SHOW NEW HSE

ELEV. & GRADING
TO SHOW NEW CURB

REV 12-22-86 ELEV. & GRADING
TO SHOW NEW DWLS
LOCATION

REV 3-18-86 SEPTIC LOCATION LWA

DISTURBED AREA =
10,000 sq. ft.


 GEOG. PERMIT SIGNED
 AND RETURNED 3-19-87

* NOTE: CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION AT ALL TIMES.

* NOTE: 20' SIDEYARD SETBACKS
ARE PER R-40 ZONING REQ'S.

LOT 5 SECTION 2 ΔCMP 3500
'GLENWOOD ESTATES
4TH ELECTION DISTRICT
HOWARD COUNTY, MD.

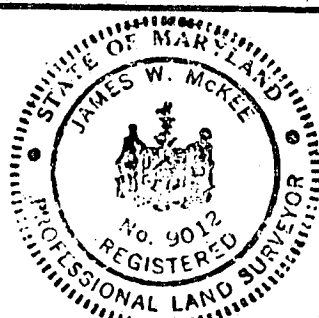
 $2 \cdot 4 \cdot 86$

Date _____

JAMES W. McKEE

Reg. #9012

BP # 8535



drawn by
SE

checked by
J.D.G.

SITE PLAN

SADDLE HORSE COURT

scale:

 $1'' = 50$

McKEE & ASSOCIATES, INC.

CIVIL ENGINEERS - LAND SURVEYORS

SHAWAN PLACE

5 SHAWAN ROAD HUNT VALLEY, MD 21030

301-252-5820

date:

REV. 10/22/86
2:4.86
REV. 12/24/86
REV. 11/20/86

job no:

P. 18

Hamilton

SADDLE HORSE COURT

R=50.00'
A=20.92'

B.P. # 8535
HAMILTON

BUILDING RESTRICTION LINE

PROP. ELEV

- A - GAR = 101.0±
- B - FM RM = 102.3±
- C - FF = 103.6±
- D - CE = 95.4±

REV. 10/22/86 TO SHOW NEW ELEV. & GRADING
REV. 11/20/86 TO SHOW NEW HSE ELEV. & GRADING
REV. 12/22/86 TO SHOW NEW DWLG LOCATION

DISTURBED AREA = 10,000 sq. ft.

* NOTE: CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION AT ALL TIMES.

* NOTE: 20' SIDEYARD SETBACKS ARE PER R-40 ZONING REG'S.

LOT 5 SECTION 2 ΔCMP 3500
'GLENWOOD ESTATES'
4TH ELECTION DISTRICT
HOWARD COUNTY, MD.

2-4-86
Date

James W. McKee
JAMES W. MCKEE Reg. #9012

SITE PLAN SADDLE HORSE COURT

scale:
1"=50'

MCKEE & ASSOCIATES, INC.

CIVIL ENGINEERS - LAND SURVEYORS
SHAWAN PLACE

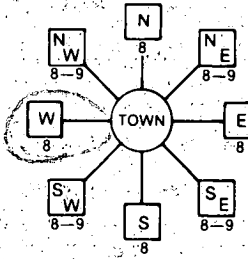
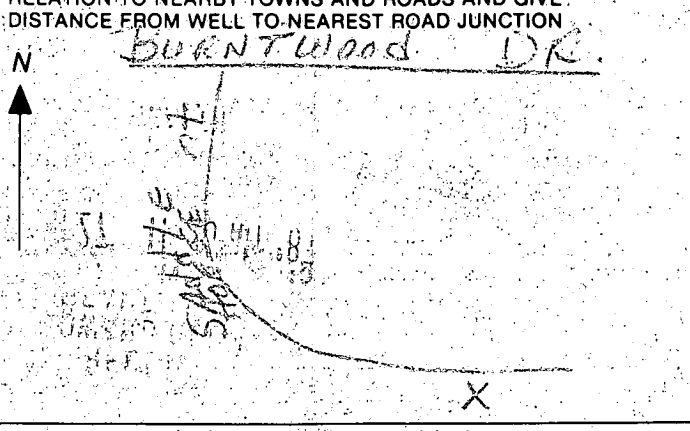
5 SHAWAN ROAD HUNT VALLEY, MD 21030
301-252-5820

date:
REV. 10/22/86
2-4-86
REV. 12/22/86

job no:
P.18



drawn by SE
checked by J.D.G.

B 1	5466	SEQUENCE NO. (OEP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HC-88-1934
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
Date Received 		OWNER INFORMATION 		
DRILLER INFORMATION Driller's Name <u>Ronald L. Kyker</u> 77 License No. <u>296</u> Firm Name <u>Westminster Rotary Well Drilling, Inc.</u> Address <u>P.O. Box #861, Westminster, Md. 21157</u> Signature <u>Ronald L. Kyker</u> Date <u>1/19/87</u>		LOCATION OF WELL 8 COUNTY <u>ADAMS</u> 21 23 SUBDIVISION <u>GLENVIEW</u> 42 SECTION <u>2</u> 44 LOT <u>4</u> 46 52 NEAREST TOWN <u>GLENVIEW</u> 71 MILES FROM TOWN (enter 0 if in town) <u>1</u> 73 <u>M</u> 76 <u>I</u> 78		
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> 8 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>450</u> 14 <u>0</u> 20		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
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)		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 		
APPROXIMATE DEPTH OF WELL <u>100</u> 24 <u>0</u> 28 FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH METHOD OF DRILLING (circle one) ☒ BORED (or Augered) ☐ JETTED ☐ Jetted & DRIVEN ☒ AIR-ROTARY ☐ AIR-PERCussion ☐ ROTARY (Hydraulic Rotary) ☐ CABLE ☐ REVERSE-ROTARY ☐ DRIVE-POINT other _____		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME <u>HARD</u> COUNTY NO. <u>A36347</u> OEP SIGNATURE <u>R. Nelson</u> STATE HEALTH INSERT S <u>41</u> DATE ISSUED <u>02/28/87</u> CO SIGNATURE <u>R. Nelson</u> EXP. DATE <u>02/28/87</u> NORTH GRID <u>526000</u> 50 55 EAST GRID <u>0777000</u> 57 63		
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>City</u> 2. _____ 3. _____ WRITE THE BOX NUMBER FROM THE MAP HERE 		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 		
REPLACEMENT OR DEEPEENED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41 _____ 52		Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ 54 <u>GAP</u> 63 FORCE <u>RA</u> WRITE INITIALS IN BOX PERMIT No. <u>HC-88-1934</u> 70 71 72 73 74 75 76 77 78 79		
SPECIAL CONDITIONS <u>DRILLER'S SIGNATURE</u>				

C1 3875

SEQUENCE NO.
(OEP USE ONLY)STATE OF MARYLAND
WELL COMPLETION REPORTFILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPETHIS REPORT MUST BE SUBMITTED WITHIN
45 DAYS AFTER WELL IS COMPLETED.COUNTY
NUMBER

A-36347

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

8 13

0310787

22 26
(TO NEAREST FOOT)28 29 30 31 32 33 34 35 36 37
H2-81-1737

OWNER

HAMILTON

WILLIS

STREET OR RFD

SADDLE HORSE CT.

first name

TOWN GLSANELG

SUBDIVISION

GLENDON ESTATES

SECTION

2

LOT

5

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	1	
Brown Clay & Sand & Mica	1	9	
Soft Brown Sand & Mica	9	34	
Hard Blue Sandstone	34	39	X
Soft Brown Sand & Sand- stone	39	56	X
Soft Brown Sand & Gravel	56	59	X
Hard Black & Blue Sandstone	59	124	
Hard Blue Sandstone & Opening	124	125	X
Hard Blue, & Black Sand- stone	125	290	
Hard Brown, Blue Sandstone	290	291	X
Hard Blue Sandstone	291	315	
Hard Blue & Sandstone	315	317	X
Brown Sandstone			
Hard Black & Blue Sandstone	317	335	
Hard Blue Sandstone	335	337	X
Hard Blue & Black Sandstone	337	378	

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED
WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P TEST WELL CONVERTED TO PRODUCTION
WELLI 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.

296

Ronald L. Kyker

DRILLERS SIGNATURE

(MUST MATCH SIGNATURE ON APPLICATION)

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

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)yes no
Y N

TYPE OF GROUTING MATERIAL

CEMENT CM

BENTONITE CLAY BC

NO. OF BAGS 40

NO. OF POUNDS 3760

GALLONS OF WATER 240

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 62 ft.
(enter 0 if from surface)casing
types
insert
appropriate
code
below

CASING RECORD

STEEL CONCRETE
PLASTIC OTHERMAIN Nominal diameter. Total depth
CASING top (main) casing of main casing
TYPE (nearest inch) (nearest foot)

ST 06 64.5

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

EACH CASING

screen type
or open hole

SCREEN RECORD

insert
appropriate
code
belowSTEEL BRASS OPEN
BRONZE HOLE
PLASTIC OTHER

C2 DEPTH (nearest ft.)

EACH SCREEN

SLOT SIZE

DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3

PUMPING TEST

HOURS PUMPED (nearest hour)

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

METHOD USED TO MEASURE PUMPING RATE Submersible

WATER LEVEL (distance from land surface)

BEFORE PUMPING

WHEN PUMPING

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
(CIRCLE) (YES or 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

CAPACITY:
GALLONS PER MINUTE

PUMP HORSE POWER

PUMP COLUMN LENGTH
(nearest ft.)CASING HEIGHT (circle appropriate box
and enter casing height)+ above } LAND SURFACE
- below } (nearest foot)

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)

HEALTH