

12/11/84
11:00 AM
AM

05-393566

original
7-22-85
8/22/84

PERMIT

P 34601

A 33233

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 11/21/84

C. C. Cissel

IS PERMITTED TO INSTALL X ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, MD 21029 PHONE 854-2006

SUBDIVISION Joceyln Acres ROAD 13423 Rich Lynn Ct. LOT 7, Sec. 3

PROPERTY OWNER Charles Matthews Robert Ripamonti

ADDRESS 9403 Mayfolower Court

ADDRESS Laurel, Maryland 20707

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES X NO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 3
(with garbage grinder)

DEEP TRENCHES - 158 sq. ft. one sidewall area per bedroom. If garbage grinder, then 190 sq. ft per bedroom. Ditch is to be 2 feet wide, 9 feet deep, with inlet at 2 1/2 feet below original grade and filled with 6 1/2 feet of stone. Length of the ditch deepens on the number of sq. ft. needed. Start the ditch at perc hole #2 and run it along level ground toward perc hole #1. Perc hole #2 is located 100 feet from the back lot line and 130 feet from the left lot line as seen when facing the lot from the back lot line. Perc hole #1 is located 140 feet from the back lot line and 20 feet from the left lot line as seen when facing the lot from the back lot line. NOTE: Back lot line is the 225 feet long lot line, running N41°38'24"E. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY C. Williams DATE 8/13/84

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE 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.

ORIGINAL PERMIT SIGNED
AND RETURNED 10/6/88
Serial # 22076

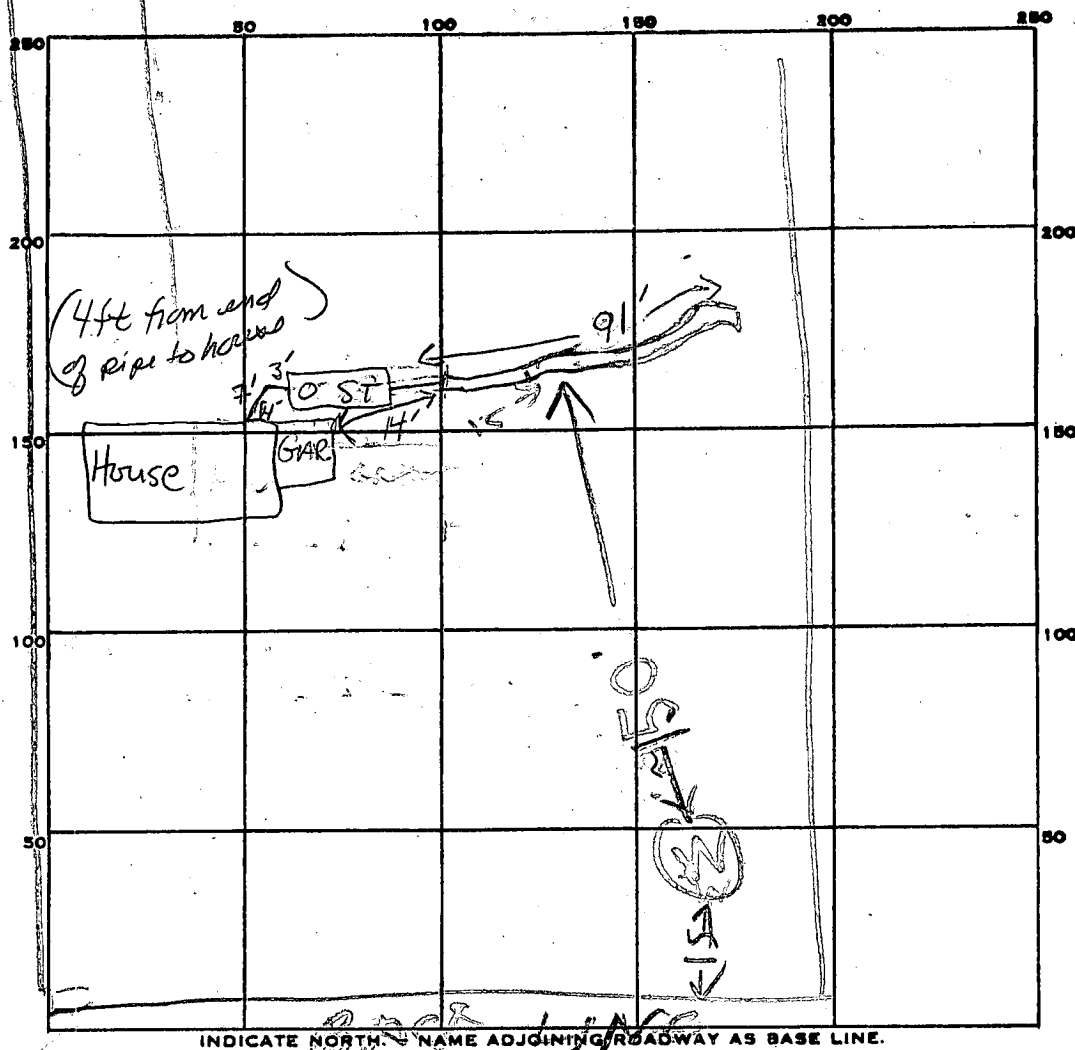
*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 33233

474 ft² = 60/73 ft
570 sq. ft needed = 60/88 ft



PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒

DISTRIBUTION BOX, LEVEL N/A

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 ft TOTAL LENGTH 91 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 546
one side wall area

SEEPAGE PITS, INSIDE DIAMETER FT. DEPTH BELOW INLET FT.

ABSORBENT AREA 546 SQ. FT.

REMARKS 12/10/84 - LOCATION OK ADD STONE
TO DITCH FINISH JOB & CALL RF

12/11/84 inlet @ 3 ft instead of 2.5 ft - 24 ft² side wall area short, house
connection not made. S. Hall

DATE SYSTEM APPROVED 7-22-85

INSPECTOR SAB

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5th

DATE OCTOBER 7, 1982

A 32233

P _____

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 WILLIAM KAPLAN AND PAUL DEMMITT

ADDRESS 9966 ROUTE 99 PHONE 465-4544

PROPERTY LOCATION:

SUBDIVISION JOCELYN ACRES, SECT. 3 LOT NO. 7

ROAD AND DESCRIPTION HIGHLAND ROAD DIRECTLY ACROSS FROM ALNUT LANE

SIZE OF LOT 3.00 Ac. + TYPE BLDG. SINGLE FAMILY
(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.

Charles J. C...
(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

①
SOIL PROFILE

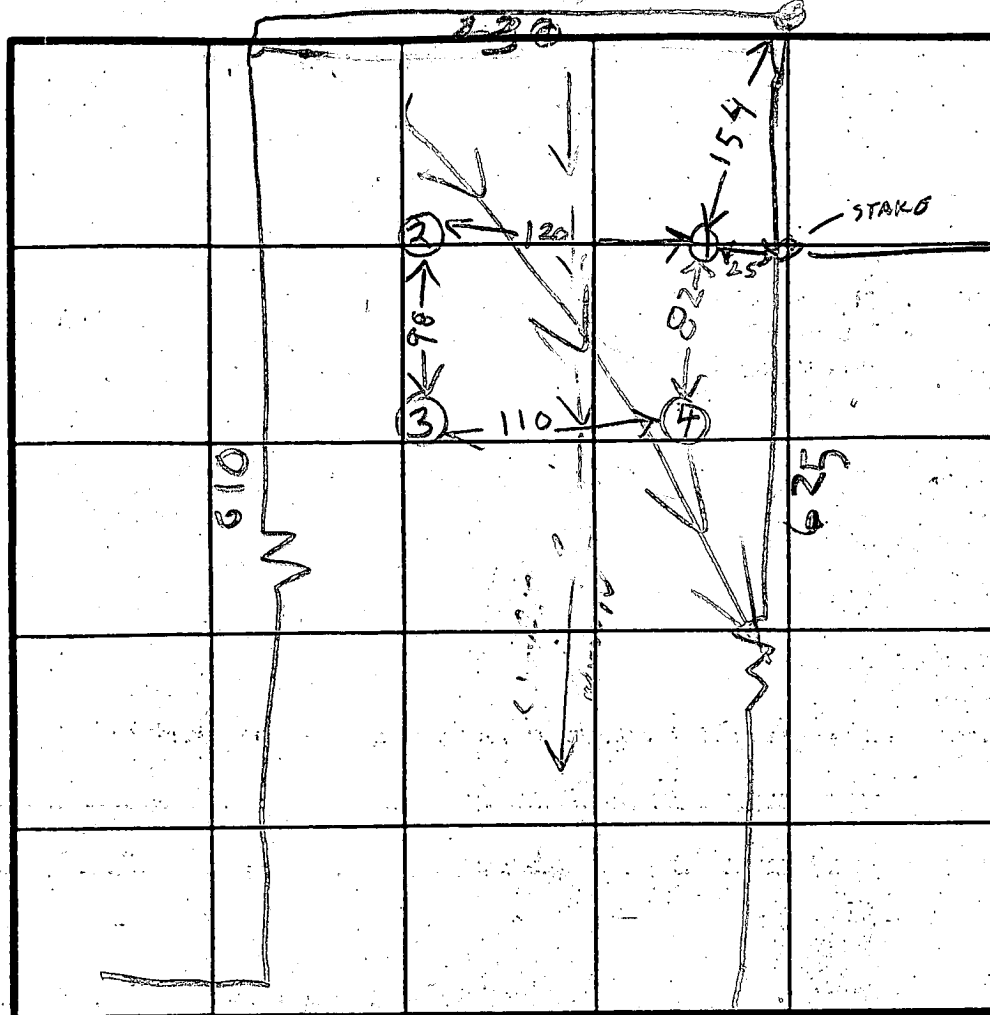
BROWN CLAY
BROWN SAND & SMALL ROCKS

②

LIGHT BROWN CLAY
LIGHT BROWN SAND & SMALL ROCKS

③

TAN CLAY SAND
TAN SAND & SMALL ROCKS



④

BROWN CLAY
BROWN SAND & SMALL ROCKS

12 HARD BOT
HOLE ELEVATION
② HIGHEST
④ LOWEST
③ NEXT HIGHEST
① NEXT LOWEST

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/9/82	1 S	4 1/2	1101	1103	1103	1106	3
	1 D	11 1/2	1101	1102	1102	1105	13
	1 V	12	LOOKS	5" OK	PROFILE		
	2 S	5	1129	1131	1131	1136	5
	2 D	9	1129	1130	1130	1132	2
	2 V	12	LOOKS	OK	PROFILE		
	3 S	5	1133	1135	1135	1139	4
	3 D	8	1133	1135	1135	1139	3
	3 V	12	LOOKS	OK	PROFILE		
	4 S	4	210	211	211	212	1
	4 D	8	210	211	211	212	1
	4 V	12	LOOKS	OK	PROFILE		

REMARKS

TYPE OF SOIL

TESTED BY

#OPHD - Observed pit hole digging Max Depth 3
DITCH BETWEEN ② & ③ on Wat ②
③ ② almost same as C155L BACK HOLE
R HADGEE ALSO PRESENT R. DYMATT POT HOLE
10/27/82 Per OK F.S. ERK.

JOCELYN ACRES SECTION THREE LOT 7

DEEP TRENCH REQUIREMENTS:

158# SIDEWALL AREA / BEDROOM
DITCH: 2' WIDE
9' DEEP
INLET: 2.5' BELOW GRADE
6.5' STONE

3 BEDROOM HOUSE:
SIDEWALL AREA = $(158\#)(3) = 474\#$
LENGTH OF DITCH = $\frac{474}{6.5} = 72.9'$

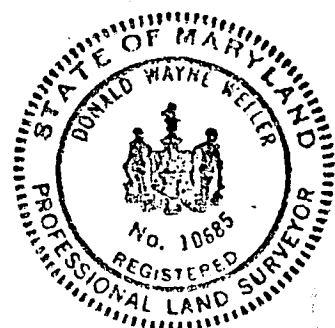
PROPOSED: 2- 40' TRENCHES
10' APART

SEPTIC DATA:

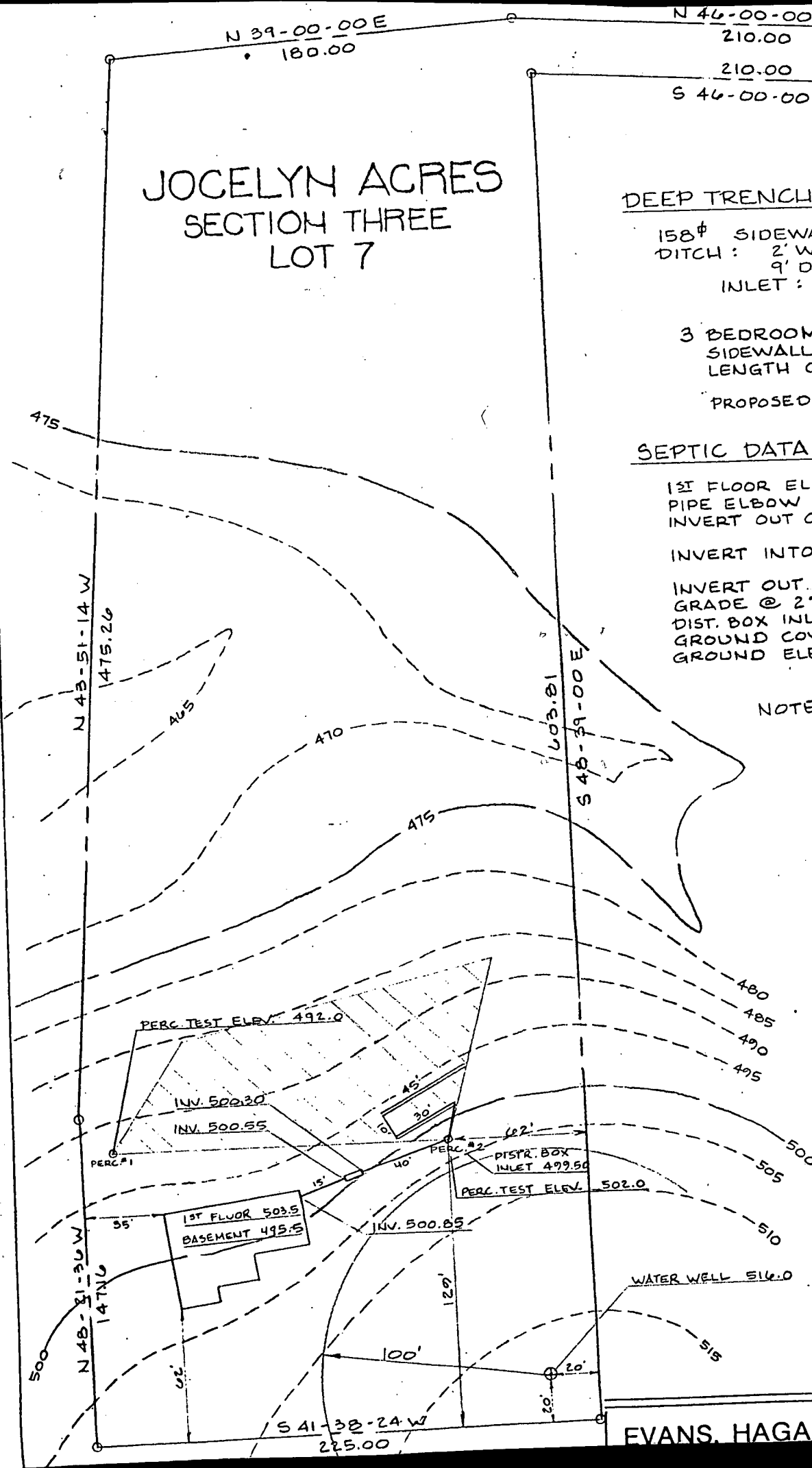
1ST FLOOR ELEV.	503.50
PIPE ELBOW	-2.65
INVERT OUT OF HOUSE	500.85
	-0.30
INVERT INTO TANK	500.55
	-0.25
INVERT OUT OF TANK	500.30
GRADE @ 2%	-0.80
DIST. BOX INLET ELEV.	499.50
GROUND COVER	+2.50
GROUND ELEV.	502.00

NOTE: NO BASEMENT
FIXTURES AVAILABLE

5/8/84
Plans OK.
F. E.



EVANS, HAGAN & HOLDEER, INC.



B 1 **1233** SEQUENCE NO. (OEP USE ONLY)

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

Date Received **4/13/84 - 10:00**

OWNER INFORMATION

ARPIE W. CHARLES Last Name Owner First Name

9103 MAYFLOWER CT Street or RFD

LAUREL MD 20707 Town State Zip

STATE OF MARYLAND
PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-0452
fill in this form completely

B 3 LOCATION OF WELL

HOWARD COUNTY

JOCELYN ACRES SUBDIVISION

SECTION **CCC** LOT **2**

HIGHLAND NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) **1** MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)

NEAR WHAT ROAD **Highland**

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD **1.5** ENTER FT or MI

DRILLER INFORMATION

Austin Hawer Driller's Name

Keyser-Hawer W. D. Inc. Firm Name

9125 Bethel rd. Fred. Address

Austin Hawer Signature **2-16-84** Date

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **8**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **800**

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)

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME

A33233 COUNTY NO.

OEP SIGNATURE **Frank Shiner** DATE ISSUED **9/10/84**

031284 CO SIGNATURE

NORTH GRID **495000** EAST GRID **0806000**

APPROXIMATE DEPTH OF WELL **700** FEETAPPROXIMATE 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**
- 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
- ☐ 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) _____

Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER **GAP**

FORCE **F-3** WRITE INITIALS IN BOX

PERMIT NO. **HO-81-0452**

SPECIAL CONDITIONS

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- well**
-
-

WRITE THE BOX NUMBER FROM THE MAP HERE

E **800 6**

N **490 5**

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION

4/13/84

WELL OK

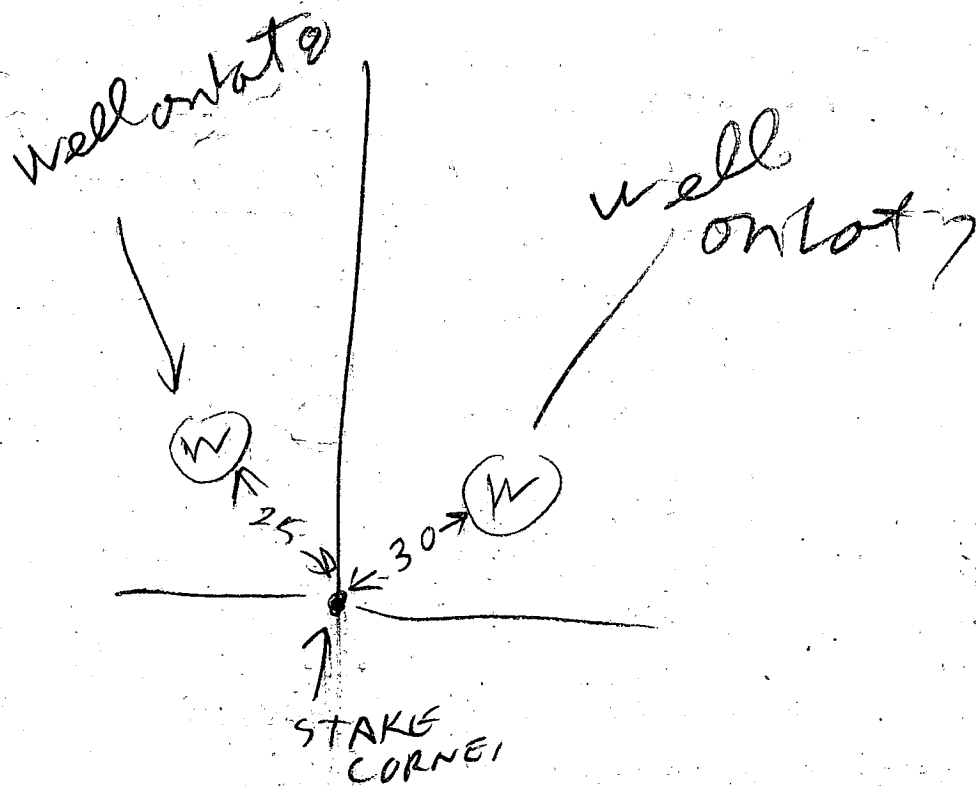
SEE OTHER SIDE RII

Highland

Brighton Dam rd.

Monk Hollow rd.

1 mi



4/13/84

- ① 41 FT CASING 2 FT OUT OF GROUND
- ② 200 FT DEEP
- ③ 39 1/2 FT OPEN HOLE MEASURED WITH WEIGHTED STRING
- ④ 9 BAGS USED
- ⑤ WELL OK

R Hoeger
also present M Keyser

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0452
Location of property (road) Highland Road
Subdivision Socelyn Acres Lot 7 Block Plat Sec.
Well Driller Austin Gerner Owner Charles Matthews

Depth of well 200
Distance of measuring point (M.P.) above ground 25
Static water level (S.W.L.) below M.P. 35

I. High rate pumping -- reservoir drawdown

Time pump started 930 Pumping rate 12
Total time 15 MIN to reach pumping water level 75 ft. below M.P.

SAMPLE TAKEN 1045
BOTTLE # H9568

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

[illegible]