

12/7/83
anytime

Approved 12/7/83
Stayer
P 33342

PERMIT

SEWAGE DISPOSAL SYSTEM

A 28950

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY

DISTRICT 3rd

INDEX

DATE 11/29/83

Greenie's Loader and Backhoe Service

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 1332 High Ridge Drive, Westminster, Md. 21157 PHONE 795-6099

SUBDIVISION Triadelphia Farms II ROAD 13312 Triadelphia Road LOT 3-B

PROPERTY OWNER Ed ~~MMX~~ Smith and Linda Caldwell

ADDRESS R.D. 2, Box 2608-A, Spring Grove, Pennsylvania 17362

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

GARBAGE GRINDER? YES NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3 (Only 2 bedrooms to be constructed in house.)

DRY WELL - Dry well to have 120 square feet of sidewall area per bedroom. Dry well inlet to be maximum 3½ feet below original grade. Dry well bottom (maximum depth) to be 10 feet below original grade. Place the dry well 110 feet from the back lot line and 10 feet from the left lot line as seen when facing the lot from the right-of-way.

PLANS APPROVED BY Raymond Hodges and Frank Skinner

DATE 12/5/78 & 11/29/83

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.

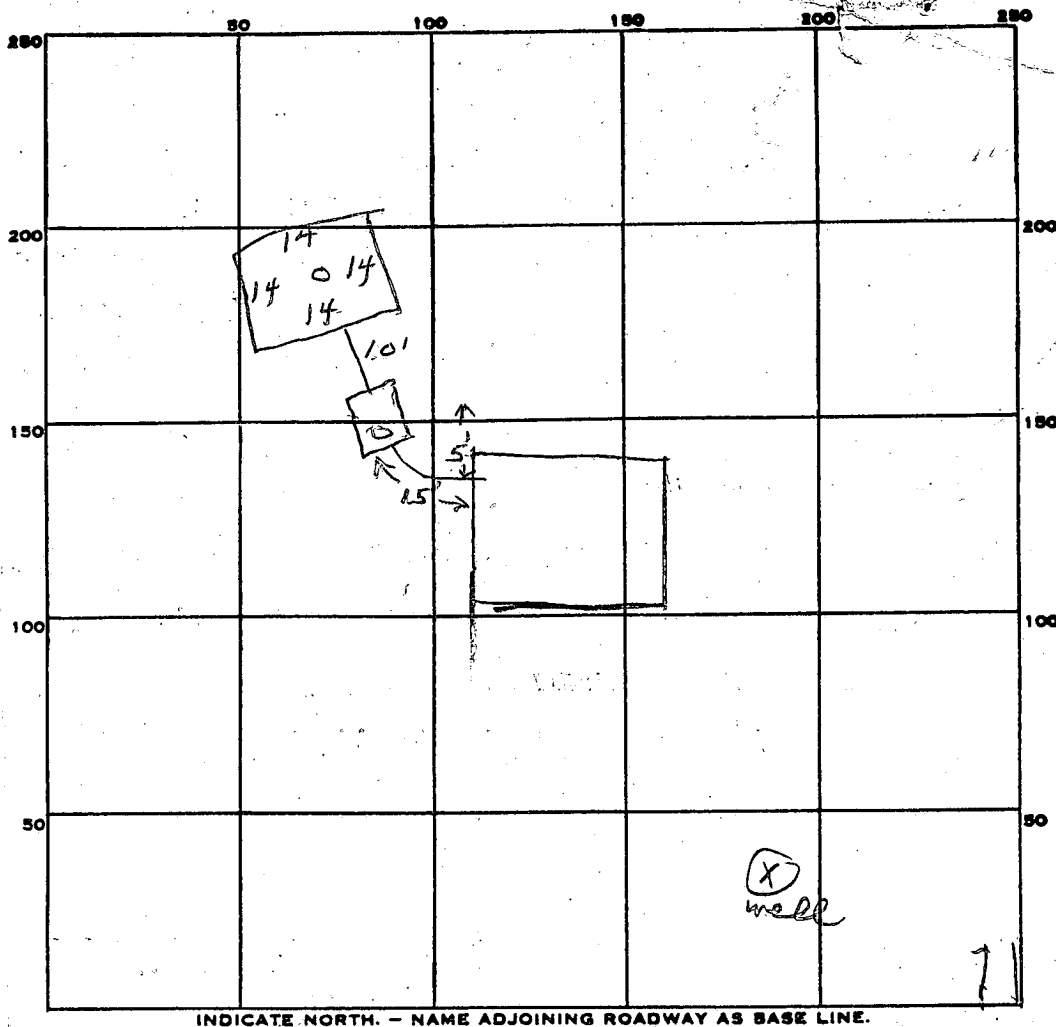
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 28950



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓

SEPTIC TANK, LEVEL ✓ 1000

CLEANOUTS ST / DW

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 56 FT. DEPTH BELOW INLET 6 1/2 FT.

ABSORBENT AREA 364 SQ. FT.

REMARKS 12/7/83 OK to cover all work fl

DATE SYSTEM APPROVED 12/7/83 INSPECTOR Stayer

56
65
280
336
3640

TRIADDELPHIA FARMS

Lot 3B

SEPTIC TANK: 3 BEDROOM, 1000 GALLON

4 BEDROOM, 1250 GALLON

DRY WELL TO HAVE 120 SQUARE FEET OF SIDEWALL AREA PER BEDROOM.

DRY WELL INLET TO BE MAX. 3 $\frac{1}{2}$ FEET BELOW ORIGINAL GRADE.

DRY WELL BOTTOM (MAXIMUM DEPTH) TO BE ~~12~~ 10' FEET BELOW ORIGINAL GRADE.

PLACE THE DRY WELL ~~7~~ 10' FEET FROM THE BACK LOT LINE AND ~~3~~ 10' FEET FROM THE

LEFT LOT LINE AS SEEN WHEN FACING THE LOT FROM THE RIGHT ROAD. OF WAY

APPLICATION

A 28950

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE 3rd

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 10/2/78

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-8000, EXT. 356

DATE _____

specs on back page

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 Dr. Richard Hemphill Linda Caldwell - Ed Smith

c/o Boender Associates, Inc., Town & Country Prof. 465-7777
ADDRESS 202 BLDG PHONE 229-2816

PROPERTY LOCATION:

Triadelphia Farms, Section II
SUBDIVISION 13312 LOT NO. 3-B

ROAD AND DESCRIPTION Triadelphia Road

SIZE OF LOT 1 acre TYPE BLDG. SFD 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE NA

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT 1st Jack Boender

APPROVED BY Raymond Hodges FOR DRY WELL DATE 12/5/78
(KIND OF SYSTEM)

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

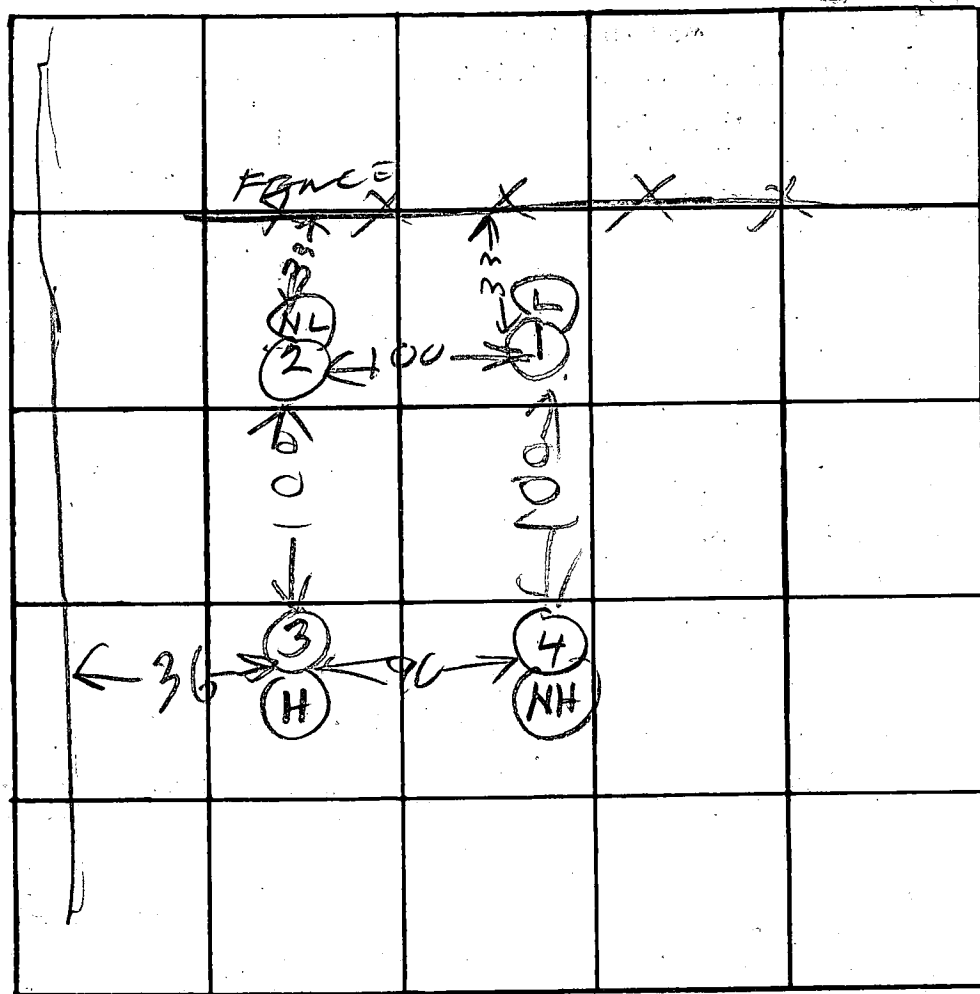
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/10/78 PERC OK HOLD

FOR CERTIFIED HOME PLAT RIN BLDG. PERMIT SIGNED

12/5/78 - FINAL PLAT SIGNED AND RETURNED 1/26/83
Serial #34923SFU

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

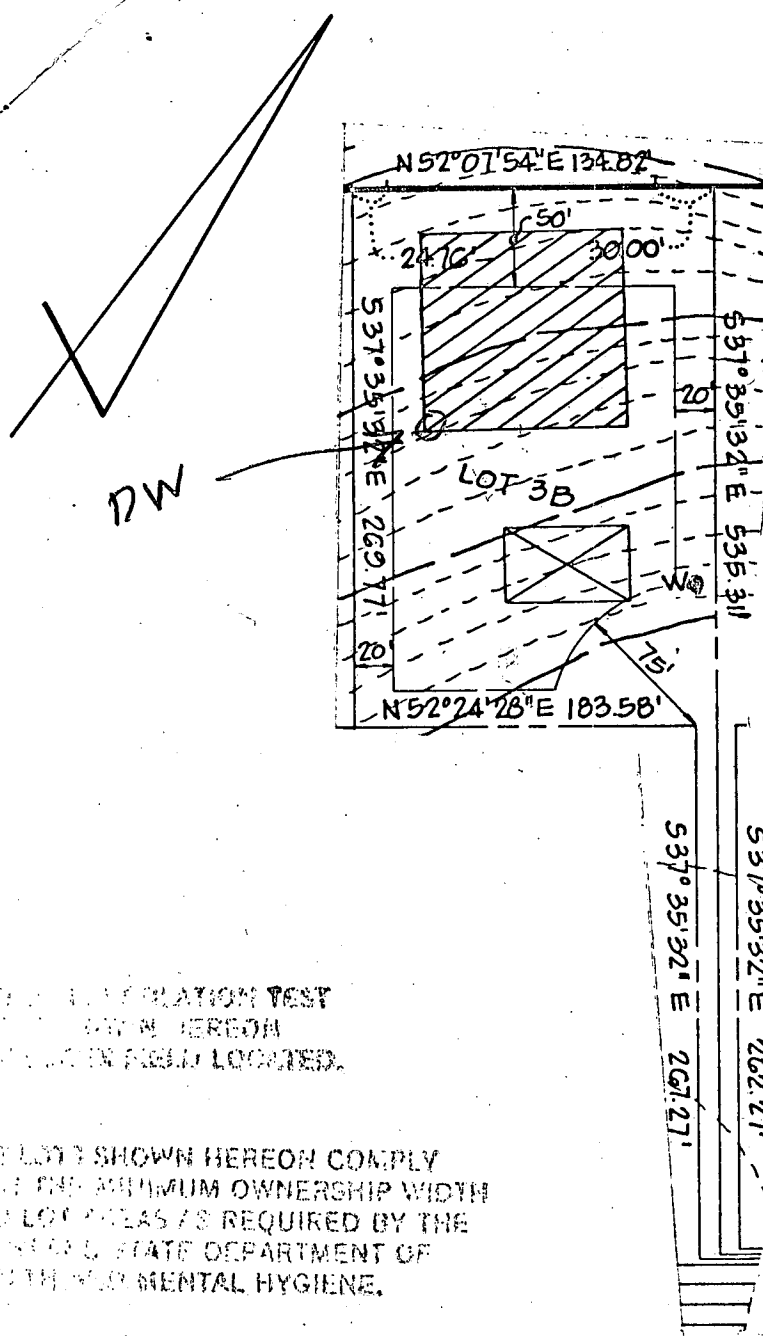
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/10/78	1S	3	247	249	249	250	1
	1D	12	248	250	250	302	12
10/10/78	2S	4	254	255	255	256	1
	2D	13	259	301	301	304	3
	3D	12	306	308	308	312	4
	3S	4	308	309	309	310	1
	4	10' NL SANDY					

REMARKS

TYPE OF SOIL

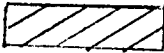
RHODGES 10/10/78

D. HASKINS



PERCOLATION TEST
 DONE BY J. B. BOENDER
 NOV. 4, 1978

THE LOTS SHOWN HEREON COMPLY
 WITH THE MINIMUM OWNERSHIP WIDTH
 AND LOT AREAS AS REQUIRED BY THE
 MARYLAND STATE DEPARTMENT OF
 HEALTH AND MENTAL HYGIENE.

 THIS AREA INDICATES A PRIVATE SEWAGE EASEMENT
 OF APPROXIMATELY 10,000 SQ. FT. AS REQUIRED BY
 THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR
 THE INSTALLATION OF SEWAGE IMPROVEMENTS OF ANY NATURE IN THIS AREA
 UNTIL PUBLIC SEWAGE IS AVAILABLE AND SERVICING
 THE STRUCTURES CONSTRUCTED ON THESE BUILDING
 LOTS. THIS EASEMENT SHALL BECOME NULL AND VOID UPON
 CONNECTION TO A PUBLIC SEWAGE SYSTEM.

APPROVED FOR PRIVATE WATER AND
 SEWAGE SYSTEMS.
 J. B. BOENDER, COUNTY HEALTH DEPARTMENT

J. B. Boender 12-4-78
 DATE

TITLE PERCOLATION CERTIFICATION PLAT			
PROJECT LOT 3B TRIADELPHIA FARMS - SECT. 2			
LOCATION 3RD ELECTION DISTRICT		HOWARD CO., MD.	
DATE: NOV, 1978	DESIGN BY:	DRAWN BY: J.B.	CHECKED BY:
SCALE: 1" = 100'	JOB NO.: 77228	DRAWING NO.: 1 OF 1	

boender associates

engineers
 surveyors
 planners

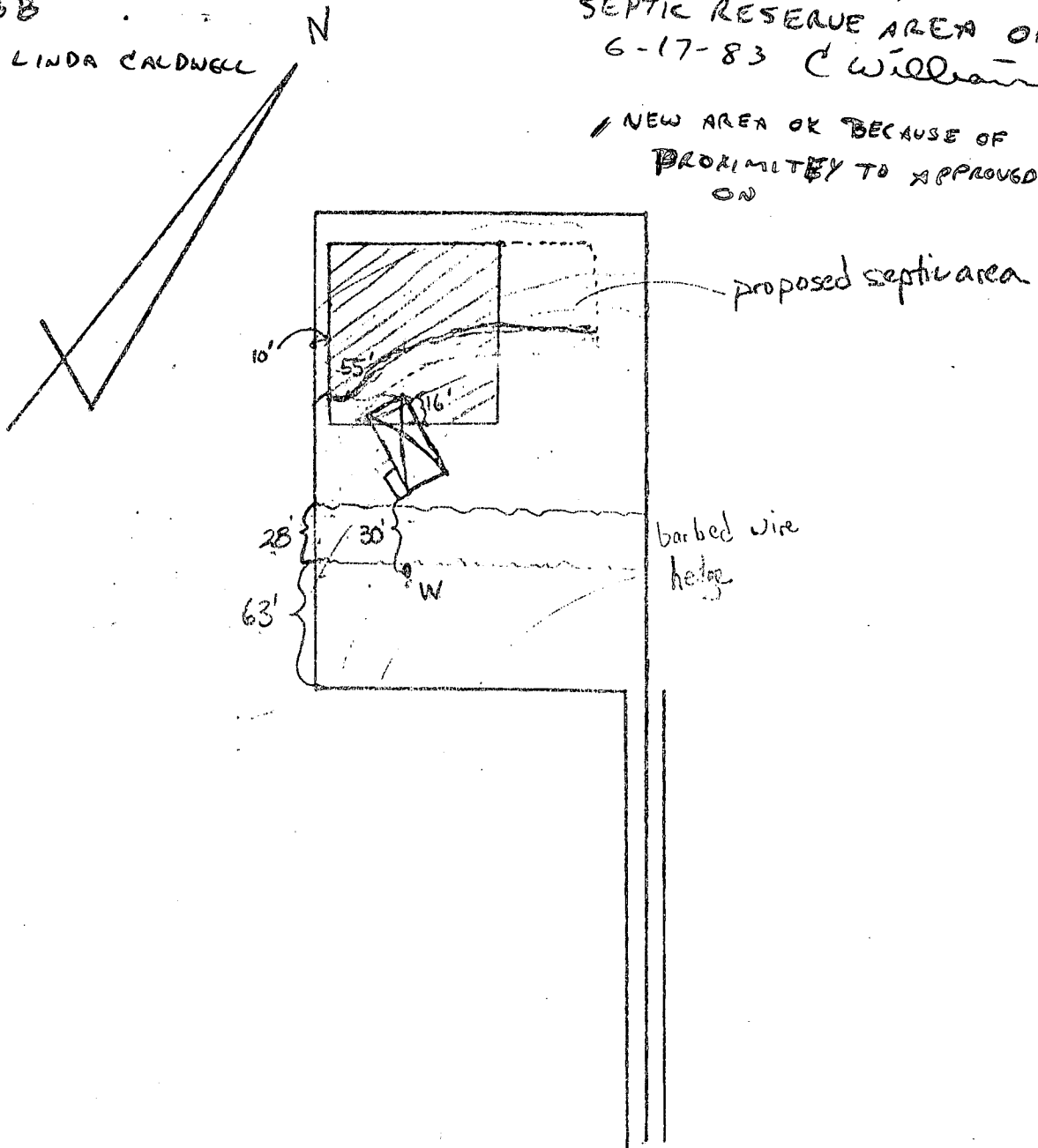
TRIAD ELPHIA FARMS II

LOT 3B

ED SMITH, LINDA CALDWELL

WELL SITE, HOUSE SITE, ALTERED
SEPTIC RESERVE AREA OK.
6-17-83 C Williams

NEW AREA OK BECAUSE OF
PROXIMITY TO APPROVED HOLES X,
ON



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0149

Location of property (road)

Subdivision Trachylepis, Fennell

Lot **3 B** Block _____ Plat _____ Sec. _____

Roll Driller Crew Eastbrook

Owner Edward Smith

Depth of well 260

Distance of measuring point (M.P.) above ground 2

Static water level (S.W.L.) below M.P. 30' 6"

1. High rate pumping -- reservoir drawdown

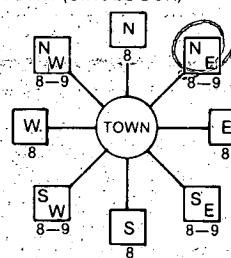
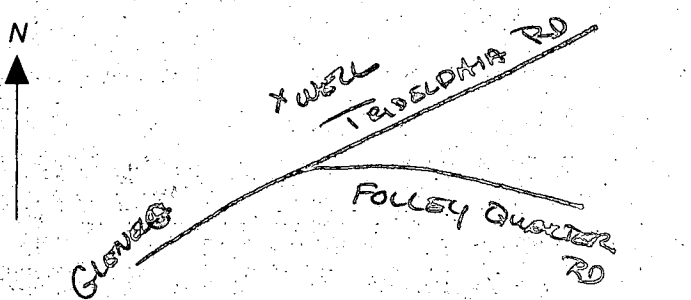
Time pump started 10:30

Pumping rate 8 GPM

Total time 30 min to reach pumping water level 116 ft. below M.P.

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

[illegible]

B 1 5049 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3 & ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) 6/28/83 STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER H0-81-0147 fill in this form completely
Date Received 9-30-83 060983 OWNER INFORMATION SMITH EDWARD 15 Last Name Owner First Name 34 RD 2 Box 2608 A 36 Street or RFD 55 SPRING GROVE PA 17362 57 Town 70 State 72 Zip 76	B 3 LOCATION OF WELL 1 2 HOWARD 8 COUNTY 21 TRIDEPHIA FARMS EE 23 SUBDIVISION 42 SECTION SEL LOT 3B 44 46 48 50 GLENEK 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 M 1 73 76 77 78	
DRILLER INFORMATION GEORGE F. EASTERDAY Driller's Name 40 G. F. EASTERDAY, INC. Firm Name 77 License No. 80 9265 Brown Church Rd. Mt. Airy, Mo 21771 Address George F. Easterday 6/8/83 Signature Date	B 4 1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  11 TRIDEPHIA ROAD 30 NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 1000 37 DISTANCE FROM ROAD ENTER FT or MI FT 38 39	
B 2 WELL INFORMATION 1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20	USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 ☐ 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)	
APPROXIMATE DEPTH OF WELL 200 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH 30 32	NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A28950 COUNTY NO. OEP SIGNATURE Frank Shinn STATE HEALTH INSERT S 41 DATE ISSUED 06/7/83 43 48 CO SIGNATURE NORTH GRID 523000 EAST GRID 0805000 50 55 57 63	
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	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 800 5 N 520 3 DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  6/28/83 * well Dry hole filled 000 before annual (1) bag	
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 5049 52	Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER 54 GAP 63 FORCE FS WRITE INITIALS IN BOX PERMIT No. H0-81-0147 67 68 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS		

Tues
6/28/83
10:00
6h

Page _____ of _____
Date _____

Review 8/22/83 OK JS

FIELD DATA SHEET
Howard COUNTY WELL YIELD TEST

Well Permit No. 40-81-0149 Election District _____
Location of property (road) _____
Subdivision Tridellia Farms Lot 3 Block 3-D Plat _____ Sec. _____
Well Driller Boston Owner Smith
Depth of well 200
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 30'6"

I. High rate pumping--reservoir drawdown

Time pump started 10:30 Pumping rate 8, G.P.M.

Total time 11:00 to reach pumping water level 116' ft. below M.P.

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

TIME	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW gallons per minute
				P 240'
11:00	116'	30 sec		2, G.P.M.
11:15	116'	30 sec		2, G.P.M.
11:30	116'	30 sec		2, G.P.M.
11:45	116'	30 sec		2, G.P.M.
12:00	116'	30 sec		2, G.P.M.
12:15	116'	30 sec		2, G.P.M.
12:30	116'	30 sec		2, G.P.M.
12:45	116'	30 sec		2, G.P.M.
1:00	116'	30 sec		2, G.P.M.
1:15	116'	30 sec		2, G.P.M.
1:30	116'	30 sec		2, G.P.M.
1:45	116'	30 sec		2, G.P.M.
2:00	116'	30 sec		2, G.P.M.
2:15	116'	30 sec		2, G.P.M.
2:30	116'	30 sec		2, G.P.M.
2:45	116'	30 sec		2, G.P.M.
3:00	116'	30 sec		2, G.P.M.
3:15	116'	30 sec		2, G.P.M.
3:30	116'	30 sec		2, G.P.M.
3:45	116'	30 sec		2, G.P.M.
4:00	116'	30 sec		2, G.P.M.
4:15	116'	30 sec		2, G.P.M.
4:30	116'	30 sec		2, G.P.M.
4:45	116'	30 sec		2, G.P.M.
5:00	116'	30 sec		2, G.P.M.

Lot 35

11/29/83
Sketch on
FS.

