

12/16/83 - 11:00 AM
12/14/83
1st trip
later trip
12/15/83
around 11:00 A.M.
later trip
approved
12-16-83
C. W. Carter
P 33354
A 27484

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

992-2330

05-391970

INDEX

ELLICOTT CITY

DISTRICT 5th

DATE Dec. 1, 1983

Paul Schissler-South Carroll Backhoe Service

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS Salem 4410 ~~Shen~~bottom Dr., Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Kalmia Farms ROAD 14670 VIBURNUM ~~Kalmia Farms~~ DR. LOT 19, Sec. 2

PROPERTY OWNER Theodore A. & Ray Gelletly

ADDRESS 7039 Deepage Drive, Columbia, MD 21045

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

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

153 sq. ft. per bedroom. Trench to be 2 ft. wide. Inlet 4 ft. below original grade.
Bottom maximum depth 3 ft. below original grade. Effective area begins at 4 ft. below
original grade. 4 ft. of stone below distribution pipe. LOCATION: Start the trench
210 ft. from the rear (750.48 ft. long) lot line and 300 feet from the left (681.23 ft
long) side line, as seen when facing the lot from Viburnum Drive. Continue to dig
trench on level ground running towards the 244.67 ft. long lot line. Space successive
trench parallel to and 10 ft. away from the first trench.

PLANS APPROVED BY Frank Skinner DATE 4/26/83

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.

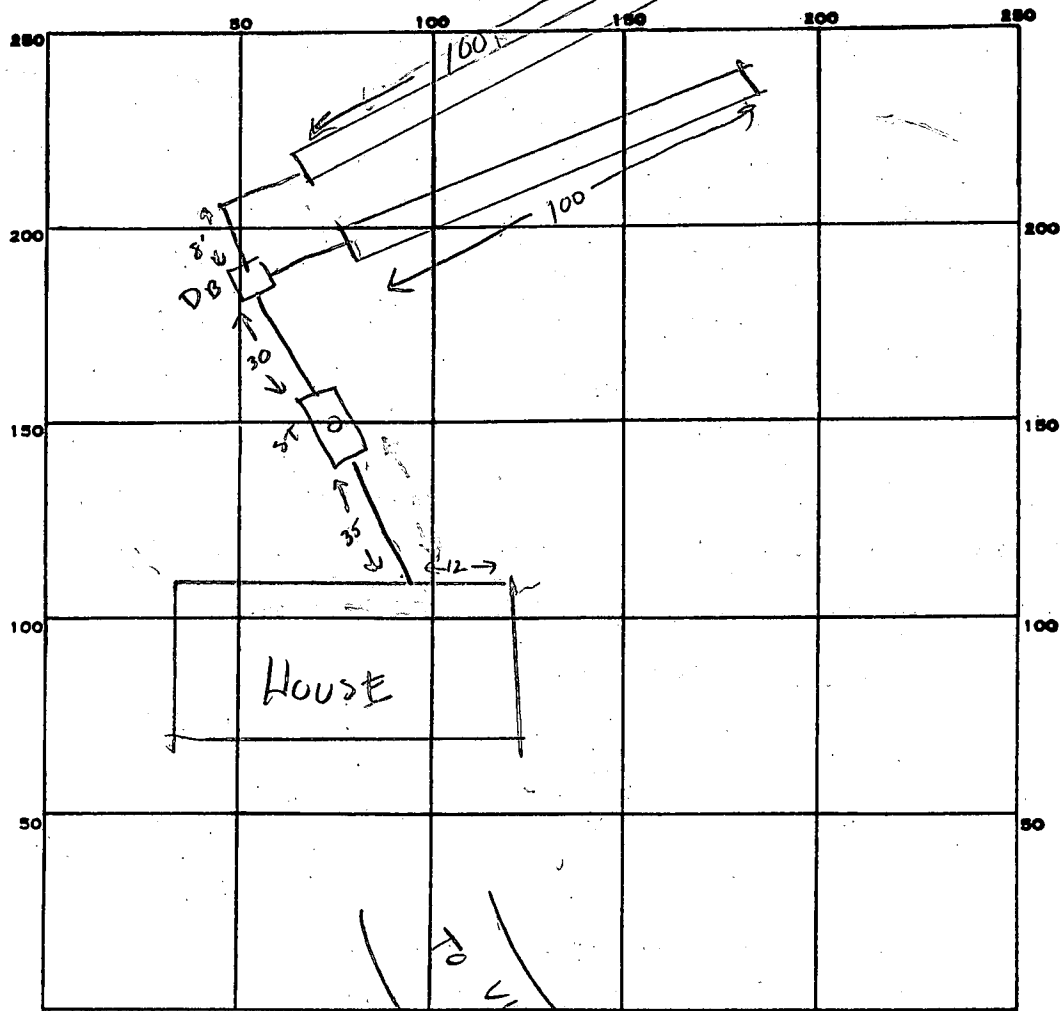
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

***CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.**

EH - 2-1082

A 27484



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ☒ ST ☒

DISTRIBUTION BOX, LEVEL ☒

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 4 FT. IN. TOTAL LENGTH 100 + 100 = 200 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL TOTAL BOTTOM AREA 800

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

ABSORBENT AREA 160 SQ. FT.

REMARKS 1ST TRENCH OK TO COVER 12-15-83 CW

DATE SYSTEM APPROVED 12-16-83

INSPECTOR C. Wallman

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A A27484

P _____

DISTRICT 5th

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 theodore A & Kay G. elletly

ADDRESS 7039 Deepage Dr. PHONE 924-3668

PROPERTY LOCATION:

SUBDIVISION KALMIA FARMS SECTION 2 LOT NO. 19

ROAD AND DESCRIPTION 14670 Kalmia Farms Drive

SIZE OF LOT _____ TYPE BLDG. _____

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.

SIGNATURE OF APPLICANT _____

APPROVED BY T. Skinn FOR trench DATE 4/21/83

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/21/80 Reaccomplished @ office.

BLDG. PERMIT SIGNED
AND RETURNED 8/22/83
Serial #55786

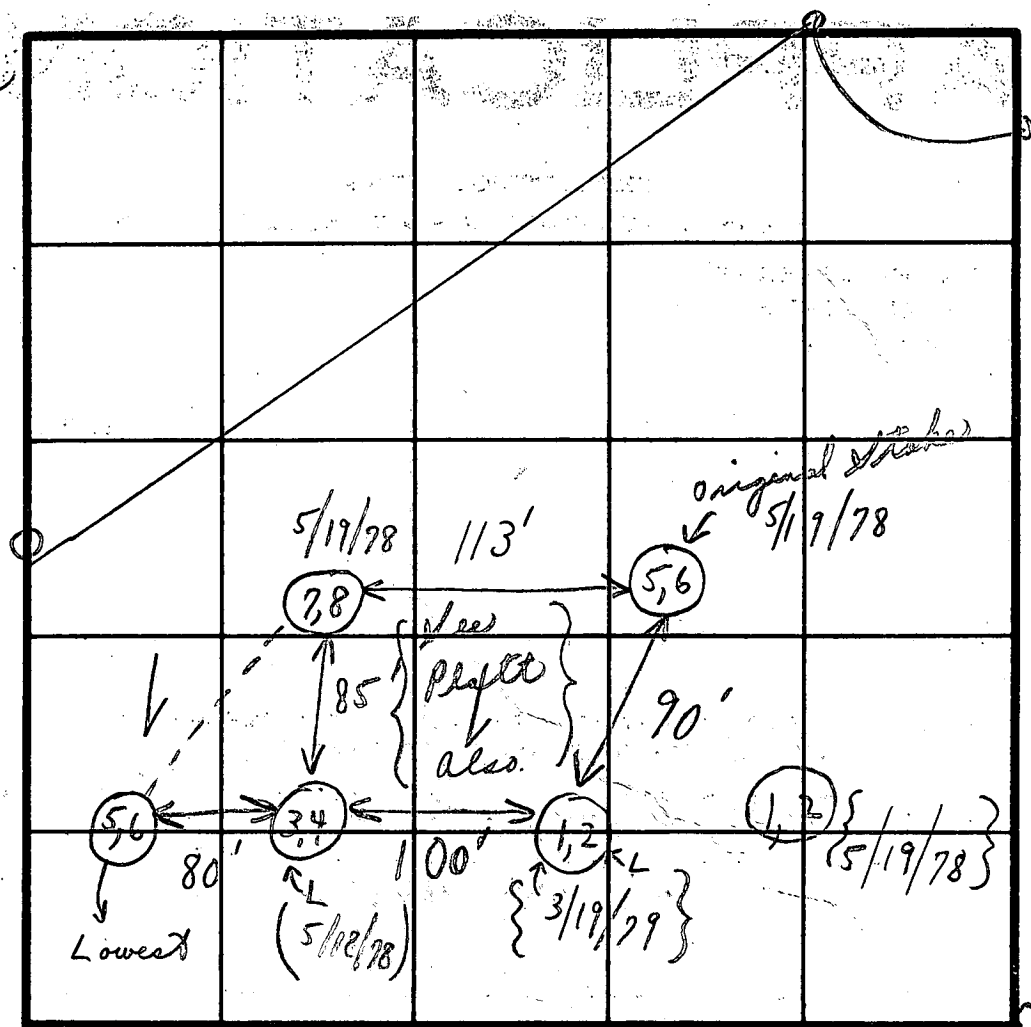
THIS IS NOT A PERMIT

#19 SEC. 2

Page 1

SOIL PROFILE

BELOW
CLAY
↓
LOAM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/19/78	1						
5/19	(L) 2		Water @ 9'			X	X
5/18/78	3	5'	2:14	2:17	2:17	2:21	4 min
	(L) 4	12'	2:14	2:18	2:18	2:27	9 min
Use	5	4'	10:17	10:21	10:21	10:27	6 min
	(H) 6	12 1/2'	10:18	10:21	10:21	10:26	5 min
	7	4 1/2'	10:19	10:22	10:22	10:28	6 min
	8	12'	10:20	10:22	10:22	10:29	7 min
						6	37
[See 3/19/79 Tests - next page]						4	17

Soiled
4'
(6 min.
avg.)

54

REMARKS

TYPE OF SOIL

TESTED BY

C. B. S.

ALSO PRESENT

{ K. ALLEN
DIXON
Others

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A _____

P. _____

DISTRICT 5th

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 Kimbrough, Inc., t/a Kalmia Farms Nursery

ADDRESS 29010 Hwy - Sandy Spring Rd, Sandy Spring, Md PHONE 924-3668

PROPERTY LOCATION:

SUBDIVISION KALMIA FARMS SECTION 2 LOT NO. Final # 19 Page 2 of 2

ROAD AND DESCRIPTION Triadelphia Mill Road

SIZE OF LOT _____ TYPE BLDG. _____

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.

SIGNATURE OF APPLICANT _____

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 3/21/80 Reaccomplished @ office.

C.B. J.

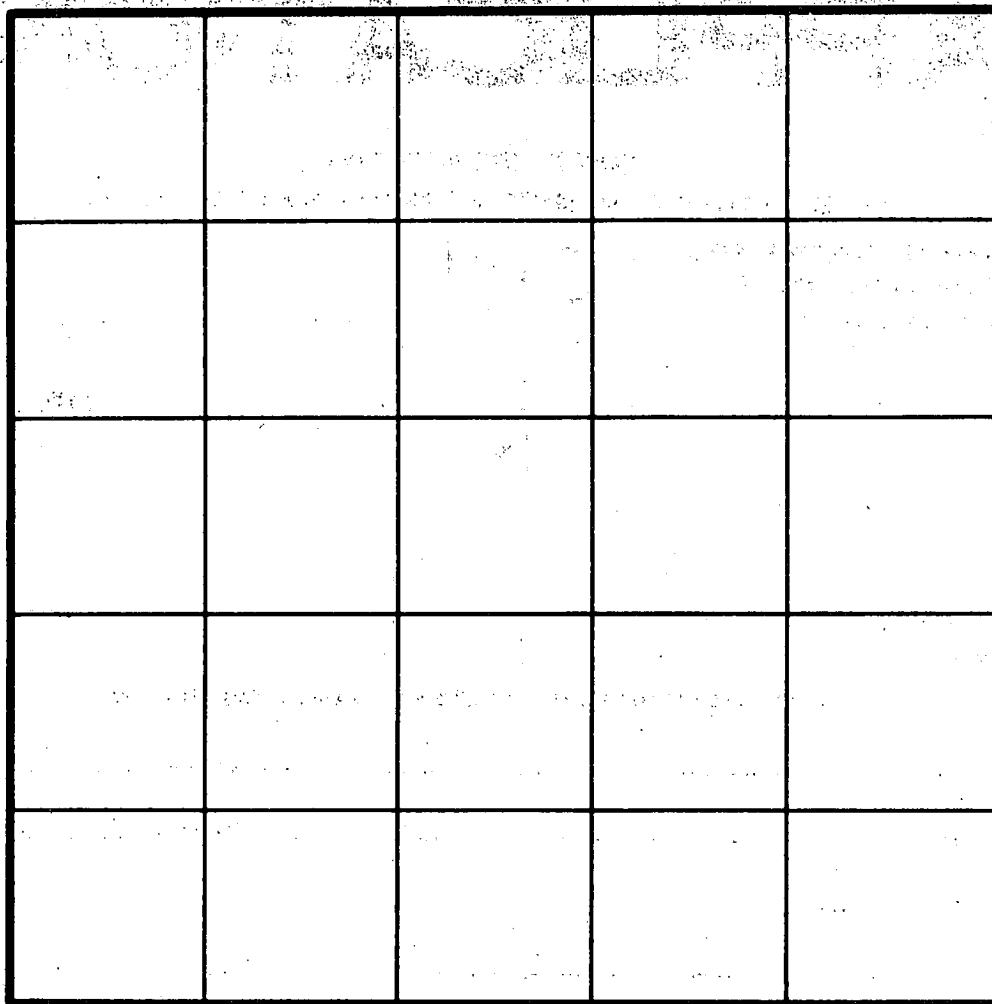
THIS IS NOT A PERMIT

#19 SEC. 2.

Page 2

SOIL PROFILE

0



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/19/79	1	3'	3:08	3:10	3:10	3:14	4 min
	2	11' pt.	3:08	3:10	3:10	3:15	5 min
	3						
	4	(Old usual 11' dry 10' above it)					
	5	3'	3:11	3:15	3:15	3:19	4 min
	6	11 1/2'	3:11	3:13	3:13	3:17	4 min
	7	11' (Dry loam)					17 min

REMARKS

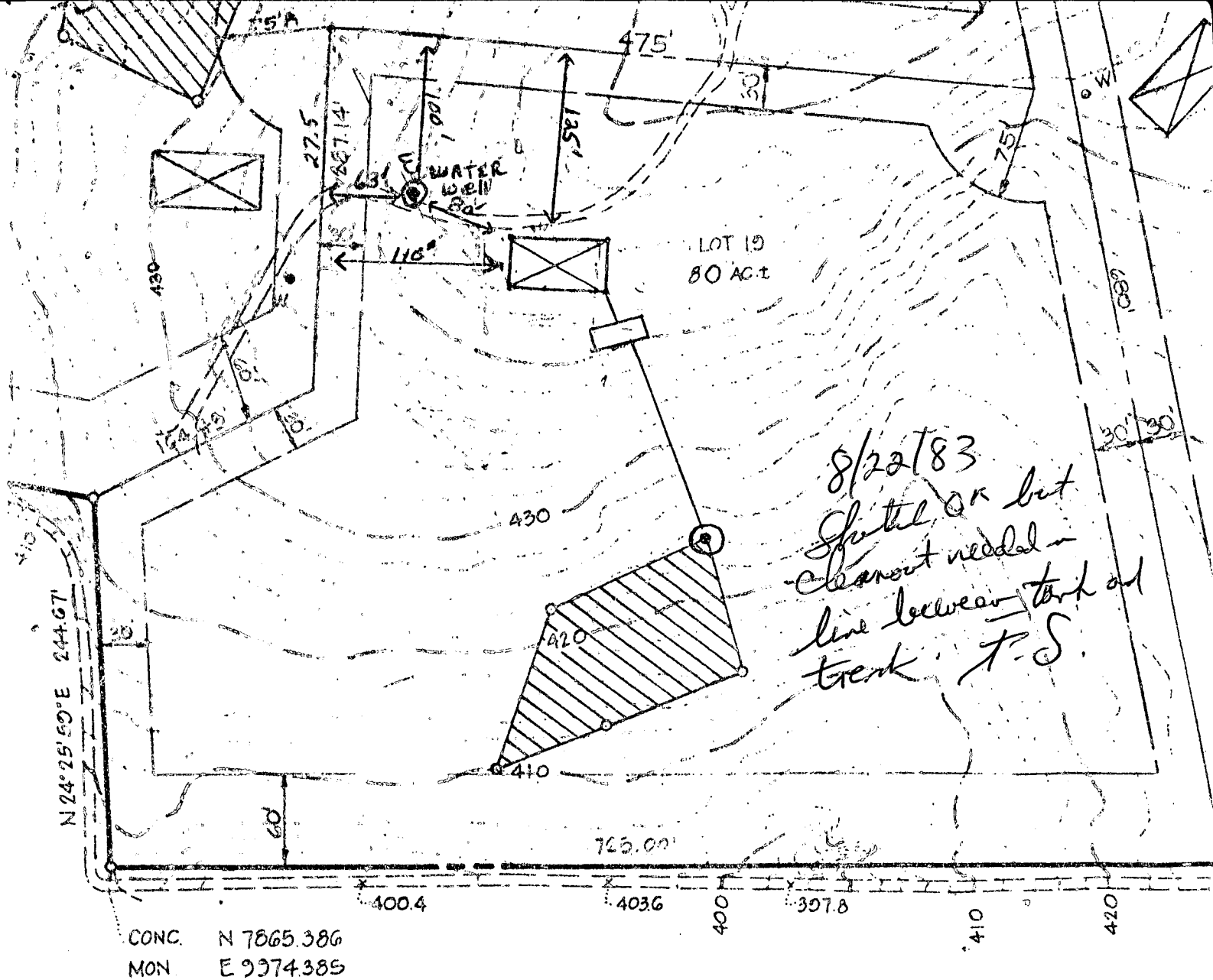
TYPE OF SOIL

TESTED BY

C. B. S.

ALSO PRESENT

 K. Allen
 Dixon

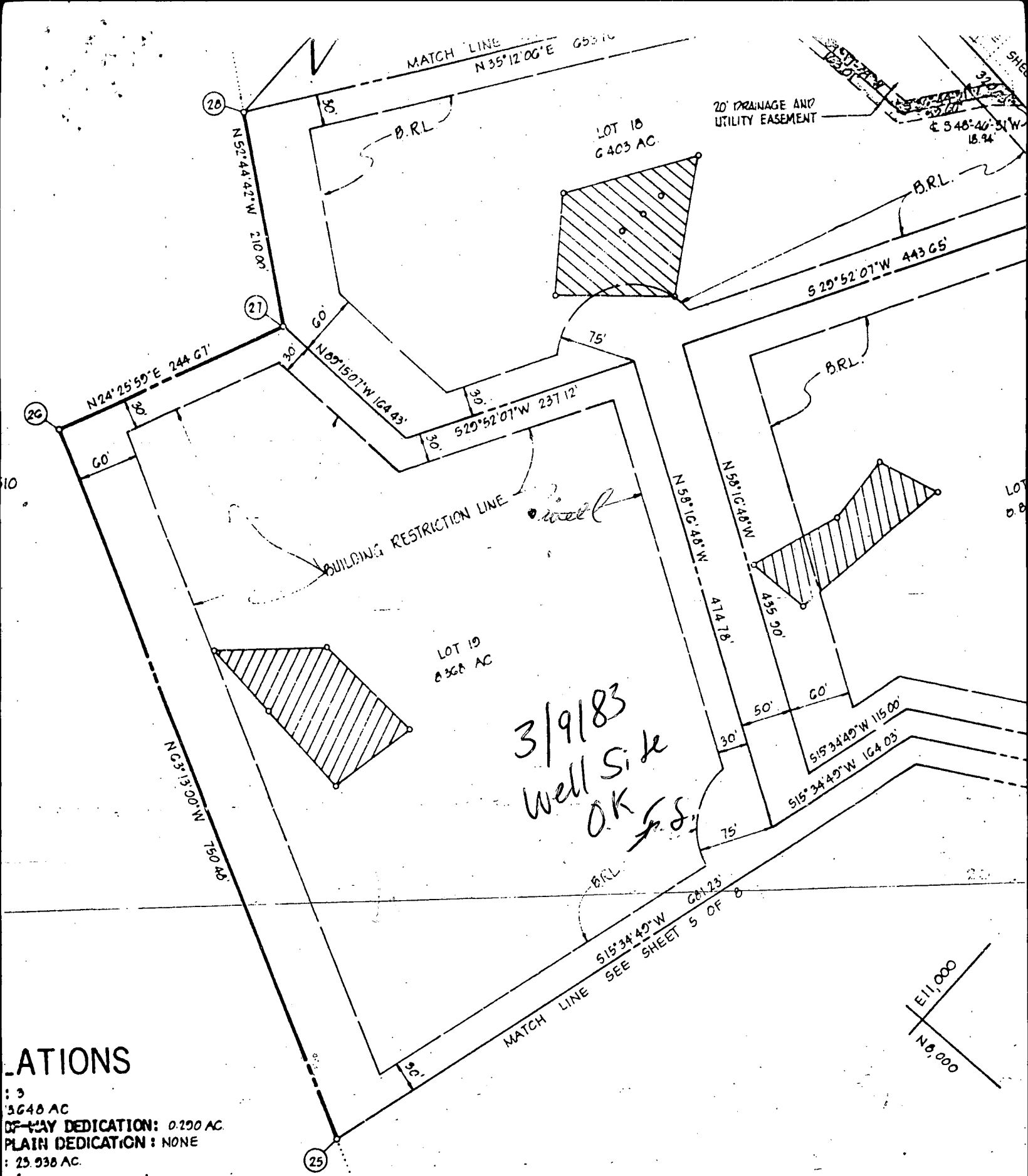


1 st Floor elevation	446.0'
Basement elevation	438.5'
Invert elev. (out of) house	436.5'
Invert elev. (into) Septic Tank	436.25'
Invert elev. (out of) Septic Tank	435.75'
Trench inlet elev.	420.0'
Original Elev. at time of test	424.0'
Finish Grade	424.0'

Waterwell Elev. 444.0'

I certify that the above measurements and Elevations ARE Actual and CORRECT for this Property.

Joseph Kopylov



ATIONS

: 3
 3648 AC
 OF-WAY DEDICATION: 0.290 AC
 PLAIN DEDICATION: NONE
 : 25.938 AC.

OWNERS DEDICATION

E WATER AND PRIVATE
 WARD COUNTY HEALTH

WE, KIMBURTHILL, INC., A MARYLAND CORPORATION, BY CARL ORNDORFF, PRESIDENT AND
 STERLING W. RADCLIFF, SECRETARY
 , OWNERS OF THE
 PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF
 SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT
 BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING

Page _____ of _____
Date _____

Review

Well Permit No. HO - 81-0022
Location of property (road) VIBURNUM DR
Subdivision KALMIA FARMS Lot 19 Block Plat Sec. 2
Well Driller Owner THE ODORE GELLETLY

Depth of well

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

Static water level (S.W.L.) below M.P.

1. High rate pumping -- reservoir drawdown

Time pump started

Pumping rate

Total time

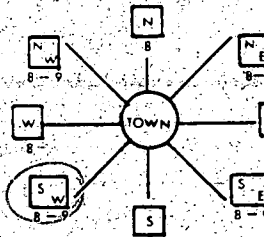
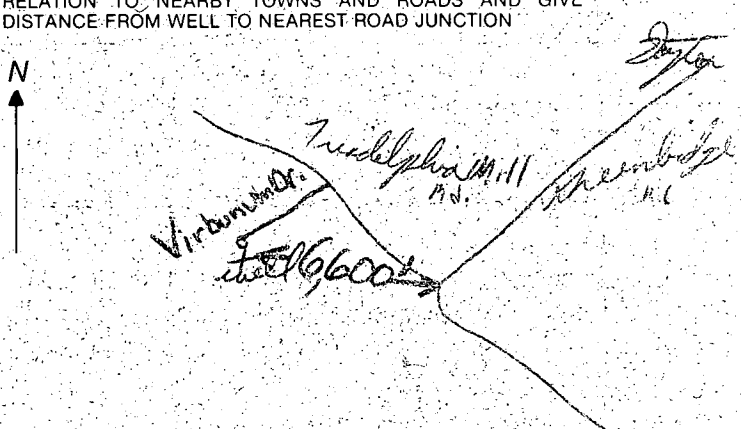
to reach pumping water level

ft. below M.P.

WELL WAS ALREADY GROUTED

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

[illegible]

B 1 0583 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		SEQUENCE NO. (OEP USE ONLY) STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		OEP PERMIT NUMBER H0-81-0022 fill in this form completely	
Date Received 3/25/83 10:30 A.M. OWNER INFORMATION G I E L L E T I L Y T H E F O D O R E Last Name 15 Owner 34 Name 70391 DEEP APE DRIVE 36 Street or RFD 55 C O L U M B I A M D 11 21045 Town 57 State 76 Zip		B 3 LOCATION OF WELL COUNTY Howard SUBDIVISION Kalmia Farms SECTION 2 LOT 19 NEAREST TOWN Darton MILES FROM TOWN (enter 0 if intown) 1			
B 1 Continued DRILLER INFORMATION George F. Easterday Driller's Name 77 License No. 80 W. F. Easterday, Inc. Firm Name 9265 Brown Church Road, Mt. Airy, MD. Address George F. Easterday Signature 2/25/83 Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD Wendell Mill Rd. NORTH WEST 32 EAST SOUTH 2,400 DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 34 37 38 39			
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 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. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 790 2 N 500 6 000 000			
APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 			
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 HOWARD COUNTY NAME A27484 COUNTY NO.			
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 DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41		OEP SIGNATURE Frank Shuman DATE ISSUED 3/20/83 CO SIGNATURE NORTH GRID 506 EAST GRID 0792 43 48 50 55 57 63 EXPIRES 090983			
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER GAP FORCE F-5 WRITE INITIALS IN BOX PERMIT No. H0-81-0022 64 68 70 71 72 73 74 75 76 77 78 79		SPECIAL CONDITIONS 8-63 1 2 3 6			

C1 7672	SEQUENCE NO. (OEP 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
THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS		COUNTY NUMBER A2 7484	PERMIT NO. FROM PERMIT TO DRILL WELL HO-81-0022
Date Received (OEP use only)	DATE WELL COMPLETED 032583	Depth of Well 160 (TO NEAREST FOOT)	

OWNER last name first name Gelletly Theodore	STREET OR RFD Virburnum Drive	TOWN Dayton
SUBDIVISION Kalmia Farms	SECTION 2	LOT 19

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 FROM TO	Check if water bearing
TOP SOIL	0 2	
CLAY	2 15	
SHALEY	15 40	
BROWN SLATE	40 50	
MICA	50 35	
MICA + QUARTZ	35 60	✓
MICA	60 135	
FLINT	135 138	✓
MICA	138 160	

WELL HAS BEEN GROUTED (Circle Appropriate Box)	
YES ☒ Y	NO ☐ N
TYPE OF GROUTING MATERIAL	
CEMENT ☒ CM	BENTONITE CLAY ☒ BC
NO. OF BAGS 11	NO. OF POUNDS 1160
GALLONS OF WATER 160	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft. to 160 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	Nominal diameter top(main) casing (nearest inch)	Total depth of main casing (nearest foot)
S T	6	56

E A C H C A S I N G	OTHER CASING (if used)	
	diameter inch	depth (feet) from to

SCREEN RECORD	
screen type or openhole insert appropriate code below	ST ☒ BR ☐ HO ☐
	STEEL BRASS OPEN HOLE
	PL ☐ OT ☐
	PLASTIC OTHER

C2	seq. no.
E A C H S C R E E N	DEPTH (nearest ft.)
	160

CIRCLE APPROPRIATE BOX	
☒ A 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. 40	
DRILLERS SIGNATURE George J. Conterday	
SIT SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

C3	seq. no.	
PUMPING TEST		
HOURS PUMPED (nearest hour)	3	
PUMPING RATE (gal. per min. to nearest gal.)	10	
METHOD USED TO MEASURE PUMPING RATE	BUCKET	
WATER LEVEL (distance from land surface)		
BEFORE PUMPING	30	
WHEN PUMPING	43	
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 (CIRCLE APPROPRIATE BOX)	YES ☒ Y NO ☐ N
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
☒ + above	LAND SURFACE
☐ - below	2 (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)	
T. Delphia Mill Rd.	
WELL 60'	
RIGHT LOT LINE	

of

3/28/83

Location of property (road)

Subdivision Kalmia Farms

Well Driller George F. Easterday

Lot 19 Block — Plat — Sec. 2

Owner Theodore Gellertly

Depth of well 160

Distance of measuring point (M.P.) above ground 7.2

Static water level (S.W.L.) below M.P.

1. High rate pumping -- reservoir drawdown

Time pump started 11:48

Pumping rate 10 lpm

Total time 15 mins to reach pumping water level 41 ft. below M.P.

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

[illegible]