12/19/78
afternoon please

PERMIT

File

P 29260

A 26999

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY 03-290131 ELLICOTT CITY

DISTRICT 3rd

INDEXED

DATE 11/21/78

Paul Schissler IS PERMITTED TO INSTALL X ALTER

ADDRESS PHONE 795-3708

SUBDIVISION (Leavitt property) ROAD 1038 Henryton Road, LOT 2

PROPERTY OWNER Erick C. Larson

ADDRESS 9909 Mallard Drive, Laurel, Md. 20811 Phone: 776-3637

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD ____ DEPTH ____ FEET, BOTTOM AREA ____ SQ. FT.

DEEP TRENCH ____ DEPTH ____ FEET, BOTTOM AREA ____ SQ. FT.

SEEPAGE PITS X ABSORBENT SIDE-WALL AREA 135 SQ. FT. sidewall area per bedroom.

INLET PIPE 3½ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT ____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 50 FT. FROM right LOT LINE AND 60 FT. FROM rear LOT LINE AS SEEN WHEN FACING LOT FROM Henryton Road. These measurements are taken from engineer's plat: 50 ft. off right property point at intersection of 132.7 ft. long and line 145 ft. long, and 60 ft. towards rear of lot from 132.70 when facing lot fromt Henryton Road. If trench is needed in addition to dry well; trench to follow contour and run the necessary distrance to make up sidewall area needed.

PLANS APPROVED BY Charles B. Streaker DATE 2/24/78

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 PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

A 26999

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.**

HD - 23

Pre

APPLICATION

A 26999

P

SEWAGE DISPOSAL TESTING

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: 465-5000, EXT. 356

Septic tank { 1-3 Bedrooms 1000 gallon; 4 Bedrooms 1250 gallon }

DISTRICT 3rd

DATE 10/4/77

(*) Dry well to have 135 sq ft. effective absorbent sidewall area per bedroom below inlet. Inlet to be 3½' below original grade and maximum depth 12'. Location per engineer's platt: 50' off right property point of intersection of line 132.7' long and line 145' long and 60' toward rear of lot from line 132.70' when facing lot from Henryton road (perc hole (#2)) if dry well & trench used need: (1) 5' earth buffer between trench and dry well (2) 2 inspections of trench before and after stone in.

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 Erick C. Larson ~~John C. Leavitt property~~ (See set of approved building plans) C.B.d.

ADDRESS ~~1026 Henryton Road, Marriottsville, Md.~~ PHONE 442-2755

PROPERTY LOCATION: 9909 Mallard Drive Laurel, Md. 20811

SUBDIVISION Phone: 776-3637 LOT NO. 2

ROAD AND DESCRIPTION 1038 ~~adjacent to 1026~~ Henryton Road

SIZE OF LOT 88,819 sq. ft. TYPE BLDG. 3 or 4 bedrooms
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 John C. Leavitt

APPROVED BY C.B. [illegible] FOR (*) dry well &/or dry well & trench (KIND OF SYSTEM) DATE 2/24/78

REJECTED BY FOR (KIND OF SYSTEM) DATE

HOLD PENDING FURTHER TESTS DATE

10/18/77 ~~REASONS FOR REJECTION OR~~ HOLDING for supervision and sestelised holes C.B.d.

BLDG. PERMIT SIGNED AND RETURNED 4/26/78

serial # 35437

THIS IS NOT A PERMIT

Pre

APPLICATION

A 26999

P

SEWAGE DISPOSAL TESTING

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: 465-5000, EXT. 356

Septic tank { 1-3 Bedrooms 1000 gallon / 4 Bedrooms 1250 gallon }

DISTRICT 3rd

DATE 10/4/77

* Dry well to have 135 sq ft. effective absorbent sidewall area per bedroom below inlet. Inlet to be 3½' below original grade and maximum depth 12'. Location per engineer platt: 50' off right property point of intersection of line 132.7' long and line 145' long and 60' toward rear of lot from line 132.70' when facing lot from Henryton road [see hole (#2)]. If dry well + trench used need: (1) 5' earth buffer between trench and drywell (2) 2 inspections of trench before and after stone in.

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 Erick C. Larson ~~John C. Leavitt property~~ (See set of approved building plans. C.B.d.)

ADDRESS ~~1026 Henryton Road, Marriottsville, Md.~~ 9909 Mallard Drive Laurel, Md. 20811 PHONE 442-2755

PROPERTY LOCATION:

SUBDIVISION Phone: 776-3637 LOT NO. 2

ROAD AND DESCRIPTION 1038 ~~adjacent to 1026~~ Henryton Road

SIZE OF LOT 88,819 sq. ft. TYPE BLDG. 3 or 4 bedrooms
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 John C. Leavitt

APPROVED BY C. B. Streaker FOR * dry well and/or dry well + trench DATE 2/24/78
(KIND OF SYSTEM)

REJECTED BY FOR DATE
(KIND OF SYSTEM)

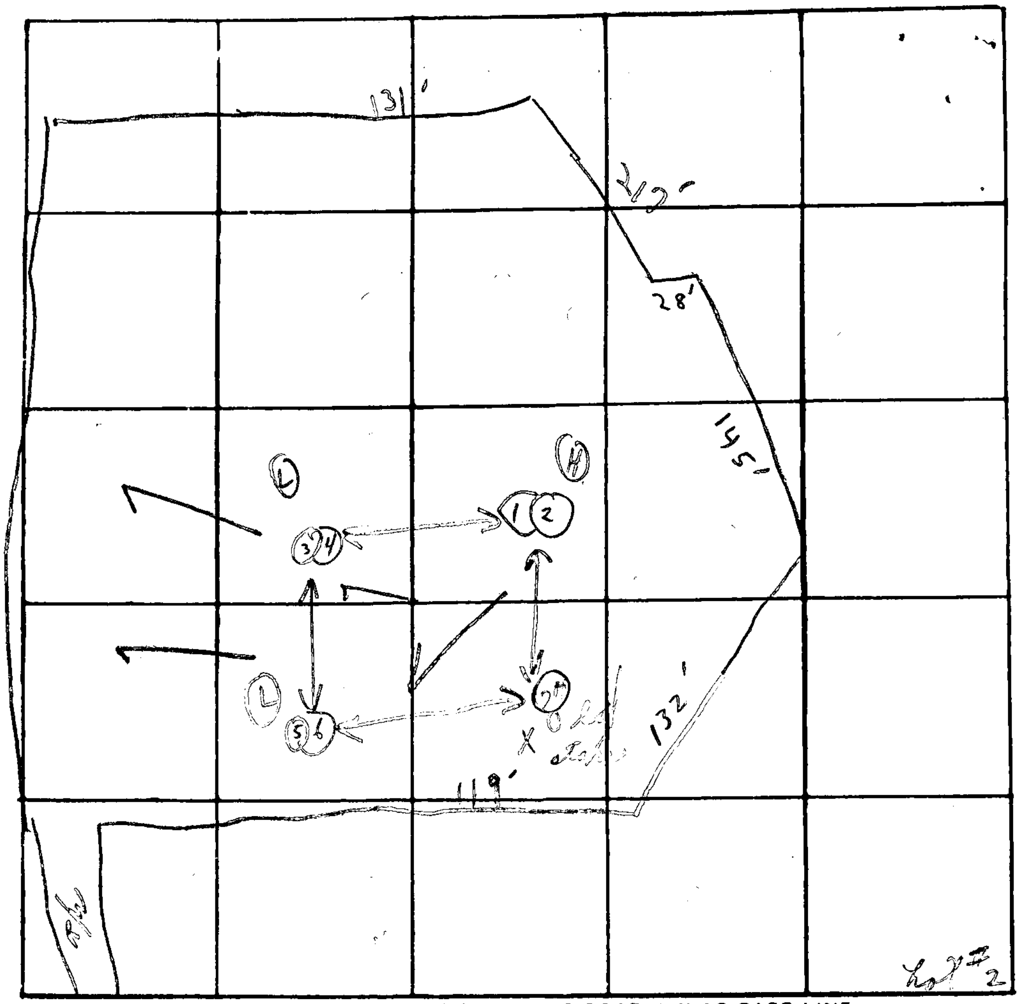
HOLD PENDING FURTHER TESTS DATE

10/18/77 ~~REASONS FOR REJECTION OR~~ HOLDING for supervision and certified holes. C.B.d.

BLDG. PERMIT SIGNED AND RETURNED 4/26/78

serial # 35437

THIS IS NOT A PERMIT



INDICATE NORTH. – NAME ADJOINING ROADWAY AS BASE LINE

Hewitt Road

Soil Profile

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
10/18/77	1	3½ ft	10:55	10:57	10:57	11:01	4 min
	2 (H)	13'	10:57	10:59	10:59	11:05	6 min
	3	4'	12:22	12:26	12:26	12:38	12 min
	4	13'	12:23	12:25	12:25	12:34	9 min
	5	3½'	12:46	12:50	12:50	[illegible]:05	15 min
	6	12½'	12:47	12:49	12:49	12:56	7 min
	7	[illegible] →	Visual	similar	to [illegible]		hole
						6	53
			(Hold	for [illegible]	? [illegible]		[illegible])

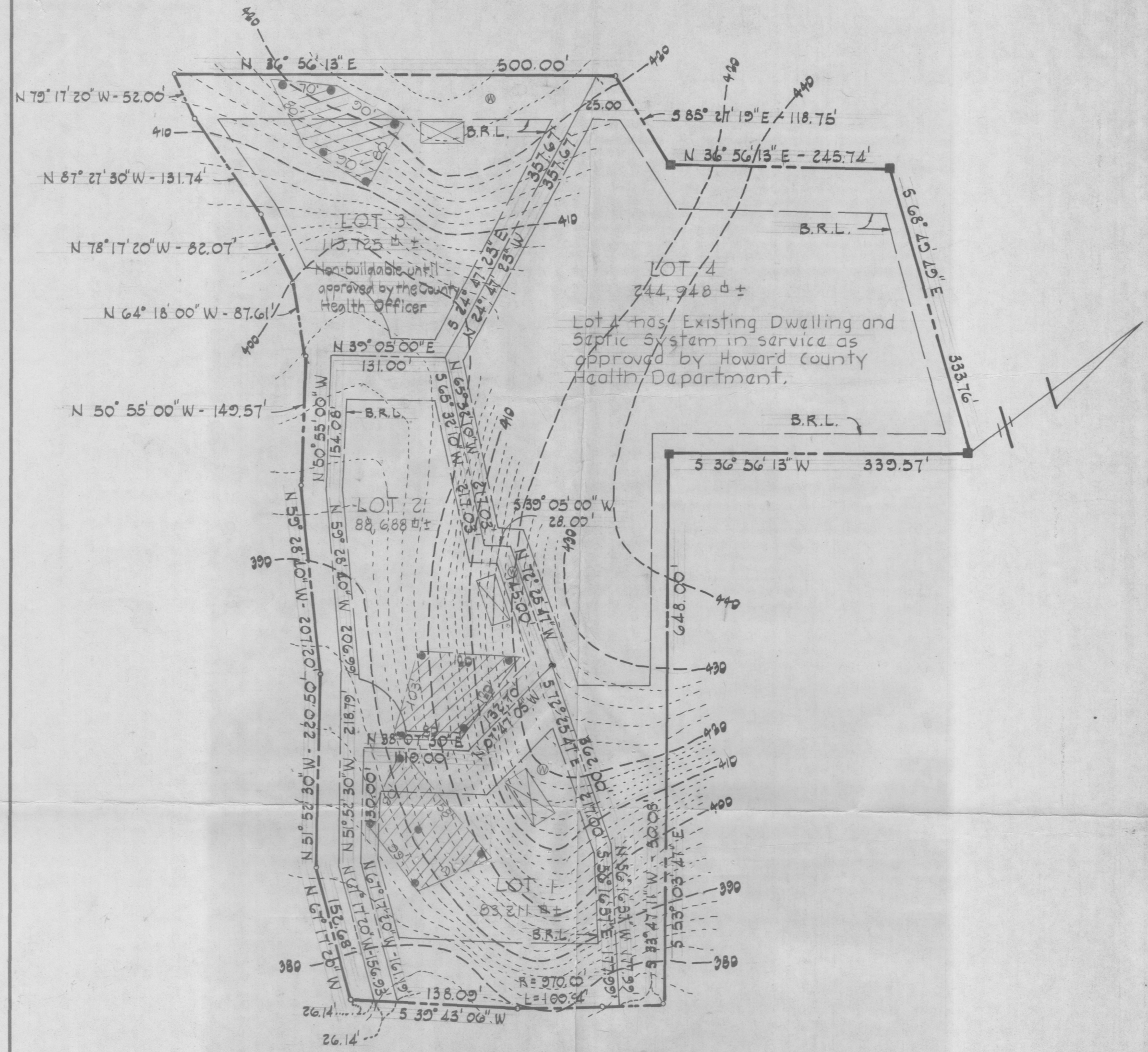
9 min

3½' [illegible] sandy loam

REMARKS No bldgs. Open field [illegible] [illegible] [illegible]

TYPE OF SOIL

TESTED BY C. B. [illegible] ALSO PRESENT: Mr. [illegible]



This area designates a private sewage easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewerage is available and servicing any residential structures constructed on these building sites. This easement shall become null and void upon connection to a public sewage system.

APPROVED: For private water and sewerage systems, Howard County Health Department

John Boyden — 2-21-78

County Health Officer — Date

STATE OF MARYLAND WALTER PARK REGISTERED LAND SURVEYOR

I certify the measurements for the sewage disposal area and the sewage disposal area for this property is as designated.

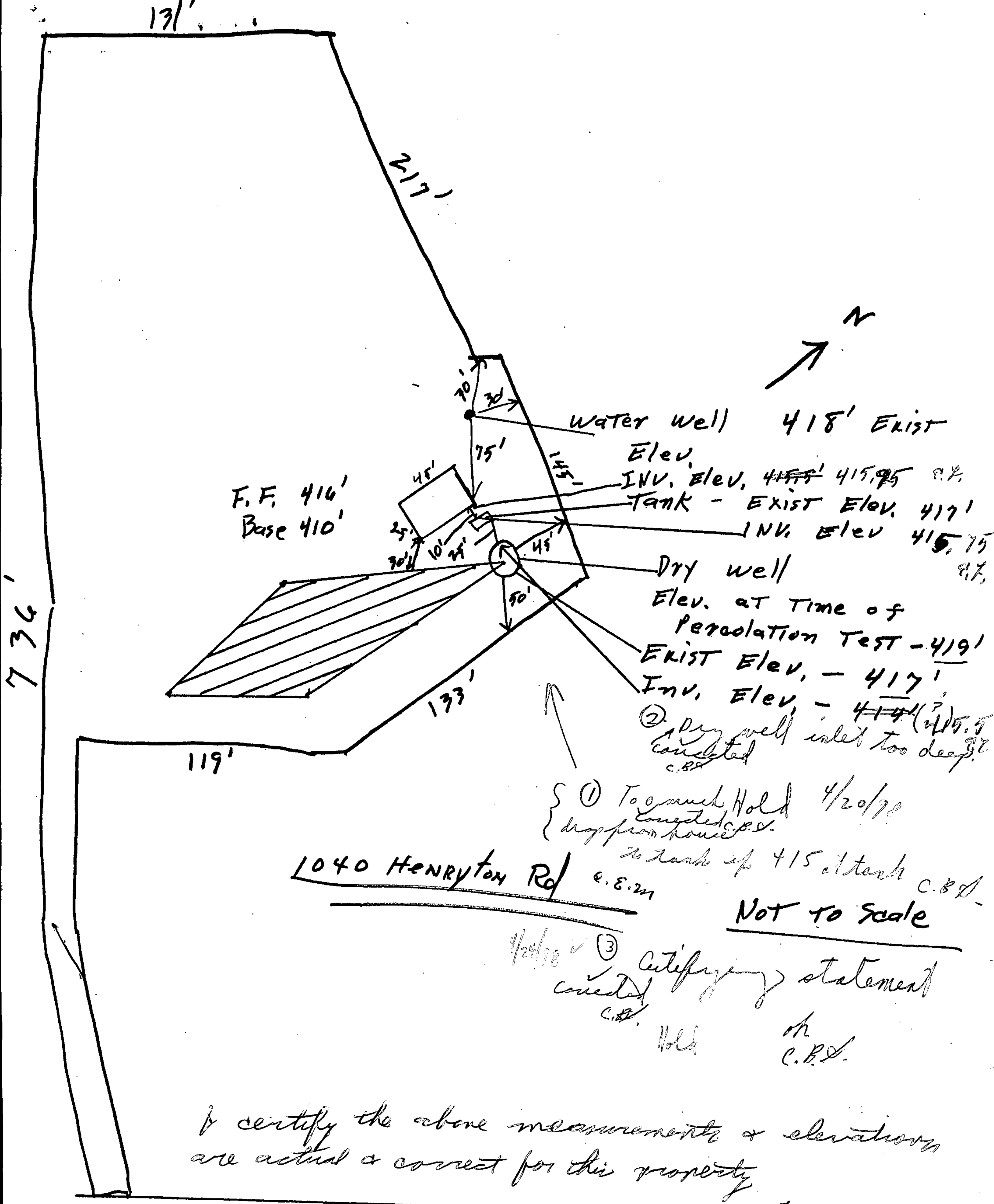
Walter Park — 1-4-78

Walter Park, Md. Reg. No. 5639 — Date

CROVO & ASSOCIATES, INC.
8669 OAK ROAD
BALTIMORE, MARYLAND
21234

PROPERTY OF
JOHN D. LEAVITT & WIFE
LOTS 1, 2, 3 & 4

3RD ELECTION DISTRICT — HOWARD CO., MD.
SCALE: 1" = 100' — JANUARY 10, 1978



I certify the above measurements & elevations are actual & correct for this property

Erich Larson

DNR-131 (7-77) EMERGENCY NO. (If any) - 7369

B 1 5889 SEQUENCE NO. (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER HO-73-2582

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY) 4/14/78 9:30 A.M.

OWNER: Larson Erick (COL 15 LAST NAME ... FIRST NAME COL. 34)

STREET OR RFD: 9909 Mallard Dr. (COL 36 ... COL. 55)

POST OFFICE: Laurel, Md. (COL 57 ... COL. 76)

8-13

B 1 CONTINUED — DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6

DATE: 2/13/78 LICENSE NUMBER: 42 (77 80)

DRILLER: I. F. Easterday (FIRST NAME / LAST NAME)

SIGNATURE: I. F. Easterday

B 2 — WELL INFORMATION
1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 5 (8 12)

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 600 (14 20)

USE FOR WATER (CIRCLE APPROPRIATE BOX)
- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) — circled
- F FARMING, AGRICULTURE, IRRIGATION
- I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT
- 22 M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
- P PRIVATE WATER COMPANY }
- T TEST

APPROXIMATE DEPTH OF WELL: 150 FEET (24 28)

APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
30-37
- BORED (OR AUGERED) — JETTED — DRIVEN
- (AIR-ROTARY) — circled — AIR-PERCUSSION — ROTARY (HYDRAULIC ROTARY)
- CABLE — REVERSE-ROTARY — DRIVE-POINT

OTHER (DESCRIBE) ______

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)
- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
- 39 Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
- S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
- D THIS WELL WILL DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE) ______ (41 52)

B 3 — LOCATION OF WELL
1 2 3 (SEQ. NO.) 6

COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) (8 21)

SUBDIVISION: JOHN CLEAVITT DEV LOT 2 (23 42)

SECTION ______ (44 46) LOT C (48 50)

NEAREST TOWN: Alpha (52 71)

MILES FROM TOWN (ENTER 0 IF IN TOWN): 2 MI (73 76 77 78)

B 4 — DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6

(N) NORTH — circled; E EAST; NE NORTHEAST; SE SOUTHEAST; S SOUTH; W WEST; NW NORTHWEST; SW SOUTHWEST

NEAR WHAT ROAD: Dennison Rd. (11 30)

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): N NORTH; S SOUTH; E EAST; (W) WEST — circled (32)

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 400 FT / MI (34 37 38 39)

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWN ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.

N

4/14/78 SEE OTHER

4/17/78 WELL OK SEE OTHER 5100

Dennison

Alpha

RJ 1199

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

APPROPRIATION PERMIT NUMBER (G A P) (54 63) ENGINEER REVIEW DISTRICT NO. (65)

FORCE (67 68) WRITE INITIALS IN BOX

CONDITIONS A E N S G W Q C L U (70 71 72 73 74 75 76 77 78 79)

BOX NUMBER: E 820; N 540

0/5 5/5 0/0 5/0

NORTH COORDINATE: 5 5 9 C C C (50 51 52 53 54 55)

EAST COORDINATE: (57 58 59 60 61 62 63)

ELEVATION AT WELL HEAD (FEET) (65 66 67 68)

B 4 CONTINUED — HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6

41 S STATE HEALTH (CIRCLE BOX)

COUNTY NAME: Howard COUNTY NO.: W27531

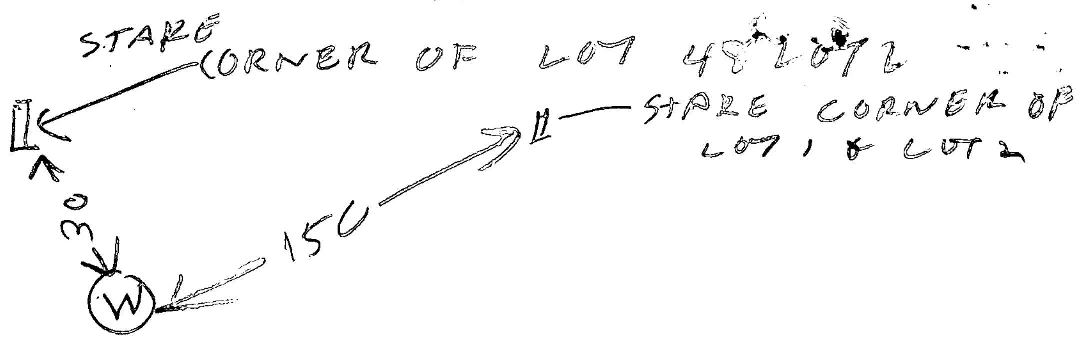
DATE: MO. DAY YR. 0 2 1 3 7 8 (43 48)

APPROVED BY: Donald W. Monaghan, Sanitarian

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6

8 63

HEALTH



4/14/78
RHODES

① Not Sure of Location. NO PERC APPLICATION. NO HOUSE. LOT IS IN A DEVELOPMENT BUT NOT SURE OF NAME. WELL APPEARS TO BE ON HIGH PART OF LOT

② 36 FT CASING WITH TWO FT OUT OF GROUND

③ 2 FT CASE OUT OF GROUND

④ 18 FT OPEN HOLE MEASURED WITH STRING

⑤ 30 FT OPEN HOLE AFTER PIPE JETTED DOWN

⑥ 8 BAGS USED

⑦ GROUT OK

NOTE: THIS DEVELOPMENT IS OFF HENRYTON RD 1.7 MILES FROM RT 99 JAS HORT DIST PAST A CULVERT

4/17/78

① MRS SMOOT FOUND CORRECT LOT 8 LOCATION SEEMS TO BE OK

DNR-214 (7-77)

C	1	4981	SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) 8-13

DATE WELL COMPLETED: 4/14/78 (15–20)

DEPTH OF WELL: 300 (TO NEAREST FOOT) (22–26)

PERMIT NO. FROM "PERMIT TO DRILL WELL": HO-7?-???? (28 29 30 31 32 33 34 35 36 37)

DRILLERS IDENTIFICATION NO. 42

OWNER: LARSON (LAST NAME) ERIC K (FIRST NAME)

STREET OR RFD: 9909 MALLARD RD. POST OFFICE: LAUREL, MD.

WELL DESCRIPTION

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET FROM	FEET TO	CHECK IF WATER BEARING
TOP SOIL	0	2	
SHALE	2	10	
BROWN SLATE	10	31	
MICA	31	40	
BROWN SLATE	40	48	✓
MICA	48	300	✓

CIRCLE APPROPRIATE BOXES

- [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 I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME (PLEASE PRINT): L F EASTERDAY

SIGNATURE: L. F. Easterday

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX): YES [Y] (circled) NO [N] (44)

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT [C M] (45 46) BENTONITE CLAY [B C] (45 46)

NO. OF BAGS: 8 NO. OF POUNDS: 800

GALLONS OF WATER: 40

DEPTH OF GROUT SEAL (TO NEAREST FOOT): FROM 0 FT. (48–52) TO 30 FT. (54–58)
(ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES — INSERT APPROPRIATE CODE BELOW: [S T] STEEL, [C O] CONCRETE, [P L] PLASTIC, [O T] OTHER

MAIN CASING TYPE (60–61)	NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) (63–64)	TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) (66–70)
ST	6	36

OTHER CASING (IF USED)

EACH CASING — DIAMETER (INCH); DEPTH (FEET) FROM / TO

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE — INSERT APPROPRIATE CODE BELOW: [S T] STEEL, [B R] BRASS OR BRONZE, [H O] OPEN HOLE, [P L] PLASTIC, [O T] OTHER

C 2 — 1 2 3 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	TYPE	FROM	TO
1 (8, 9)	HO	34 (11–15)	300 (17–21)
2 (23, 24)		(26–30)	(32–36)
3 (38, 39)		(41–45)	(47–51)

SLOT SIZE 1. ____ 2. ____ 3. ____

DIAMETER OF SCREEN ____ (56–60) (NEAREST INCH)

GRAVEL PACK FROM ____ TO ____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68 [F]

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T 70 TELESCOPE CASING; (E.R.O.S.) 72 LOG INDICATOR; W Q 74 75 76 OTHER DATA AVAILABLE

C 3 — 1 2 3 (SEQ. NO.) 6

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR): 3 (8–9)

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 3 (11–15)

METHOD USED TO MEASURE PUMPING RATE: BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
BEFORE PUMPING: 35 (17–20) (NEAREST FOOT)
WHEN PUMPING: 300 (22–25) (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
[A] AIR (circled) 27; [P] PISTON 27; [T] TURBINE 27; [C] CENTRIFUGAL 27; [R] ROTARY 27; [O] OTHER (DESCRIBE BELOW) 27; [J] JET 27; [S] SUBMERSIBLE 27

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX — SEE ABOVE: A, C, J, P, R, S, T, O) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): YES [Y] NO [N]

CAPACITY:
GALLONS PER MINUTE (TO NEAREST GALLON) (31–35)
PUMP HORSE POWER (37–41)
PUMP COLUMN LENGTH (NEAREST FOOT) (43–47)

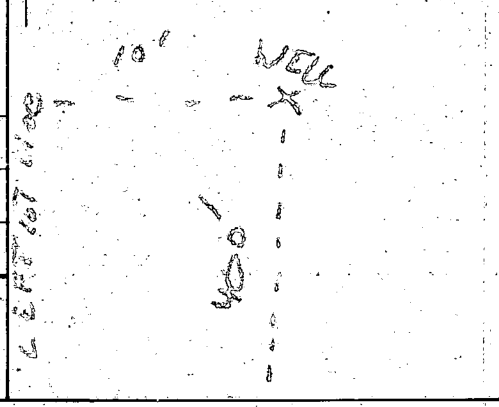
CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

[+] ABOVE (circled) / [-] BELOW (49) LAND SURFACE: 2 (50–51) (NEAREST FOOT)

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

N



HEVERYTON RD.

HEALTH