

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE August 24, 1982

Wilbert Harbin

IS PERMITTED TO INSTALL X ALTER

ADDRESS 20800 Ballville Rd., Dickerson, Md. 20842 PHONE 301-349-2845

SUBDIVISION Ten Oaks Farm ROAD Ten Oaks & Highland Rd. LOT Parcel 7A
5471 Harris Farm W

PROPERTY OWNER Robert Harbin

ADDRESS _____

SPECIFICATIONS 4 Bedroom

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

FACING LOT FROM

Trench system to have 170 sq. ft. effective sidewall absorption area per bedroom to begin below the first 3 ft. of non-porous soil. Max depth permitted for trench is 8 ft. below original grade. Place the trench on level ground. Start to dig the trench 10 ft. from the left side line and 72 ft. from the front property line as seen when facing the property from the 100 ft. wide common right-of-way off Ten Oaks Rd. Continue digging trench towards the right rear quadrant of lot.

NOTE: No trench may exceed 100 ft. in length. All trenches must be spaced parallel, twice their gravel depth apart and be connected in series. Call for inspection of trenches before gravel is installed.

PLANS APPROVED BY Frank Skinner DATE Feb. 7, 1978

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.

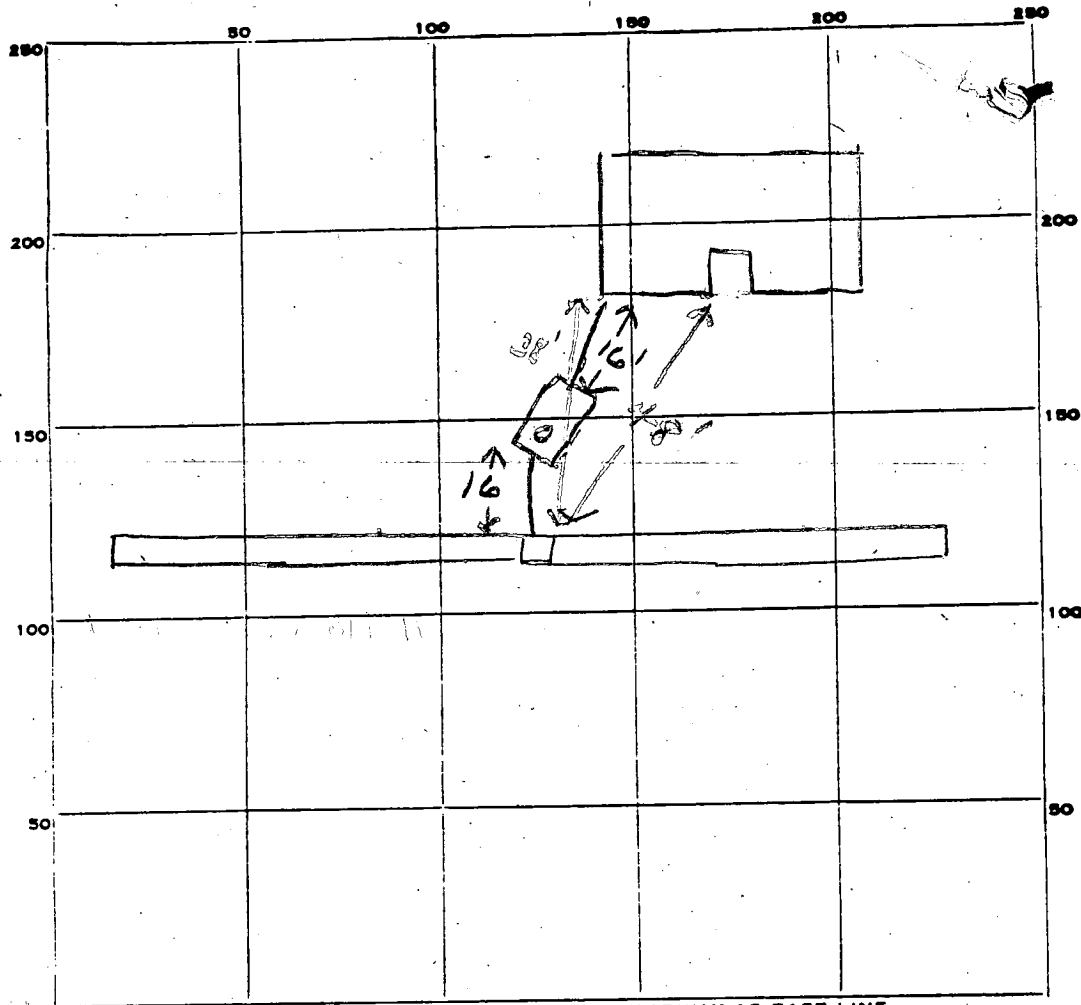
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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.

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

170
4
680



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 5 IN. TOTAL LENGTH 160 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 800

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

ABSORBENT AREA 800 SQ. FT.

REMARKS 8/26/82 OK to add stone in trench fl
8/30/82 OK to cover all work fl

DATE SYSTEM APPROVED

8/30/82

INSPECTOR

Stayer

APPLICATION

A 26155

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: 465-5000, EXT. 356

3B.R. 4B.R. DISTRICT 5th
1000 gal. Septic tank 1250 gal. Septic tank

DATE 6/21/77

Trench system to have 170 SQ. FT. effective

sidewall absorption area per bedroom to begin below the first 3 ft.

of non-porous soil. Maximum depth permitted for trench is 8 ft below original grade. Place the trench on level ground. Start to dig the trench 10 ft from the left side line and 125 ft. from the front property line as seen when facing the property from the 160 ft. wide Common right-of-way off Ten Oaks Rd. Continue digging trench towards the right rear quadrant of lot. NOTE No trench may exceed 160 ft. in length. All trenches must be spaced parallel, twice their gravel depth apart and be connected in series. Call for inspection of trenches before gravel is installed.

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

~~Allan Weintraub~~

Harbin, Robert

@Richard Halliwell

301-349-2045

ADDRESS

"Ighland, Md. 20777

PHONE 286-2988

PROPERTY LOCATION:

SUBDIVISION

Parcel 7A

LOT NO.

2.074 ac

ROAD AND DESCRIPTION

At end of private road off west side of intersection
of Ten Oaks Rd & Highland, Rd - 5th Dist.

SIZE OF LOT 2.074 ac.. rec 712/154 on 2/15/75

TYPE BLDG.

4 bedrm single

family dwg.

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

Richard Halliwell

BLDG. PERMIT SIGNED

AND RETURNED

5/20/82

APPROVED BY

Frank Skinner

FOR

TRENCH

DATE

2/7/78

#3124/82

REJECTED BY

FOR

(KIND OF SYSTEM)

DATE

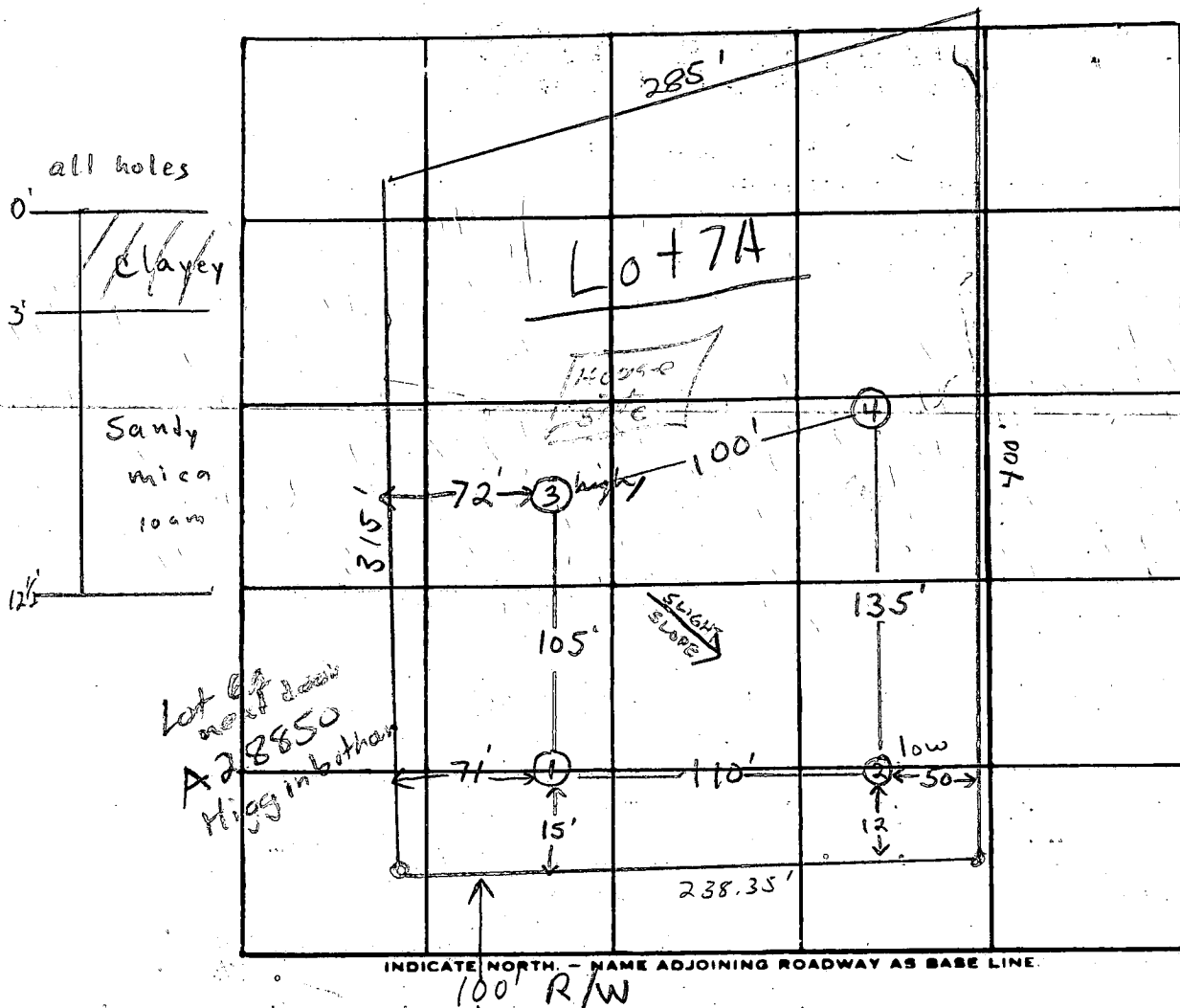
HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

1/28/77 held for signal boundary plat. parcel OK. F.S.

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/26/77	1	6'	10:32	10:50	10:50	pulled 17'	
	1A	11'	10:33	10:35	10:35	10:44	9 min
	2 low	4 1/2'	10:37	10:38	10:38	10:42	4 min
	2A	12 1/2'	10:37	10:42	10:42	10:53	11 min
	3 high	3 1/2'	10:46	10:50	10:50	11:00	10 min
	3A	11'	10:46	10:50	10:50	11:02	16 min
	1B	6'	10:52	10:54	10:54	10:57	3 min
	4	12'	Clayey to 4'; sandy mica loam below				

Shaded area

4 trenches
1704/B.R.
inlet 3'

clayey to 3'

REMARKS

TYPE OF SOIL

sandy mica loam below top 3-4' clayey, each

TESTED BY

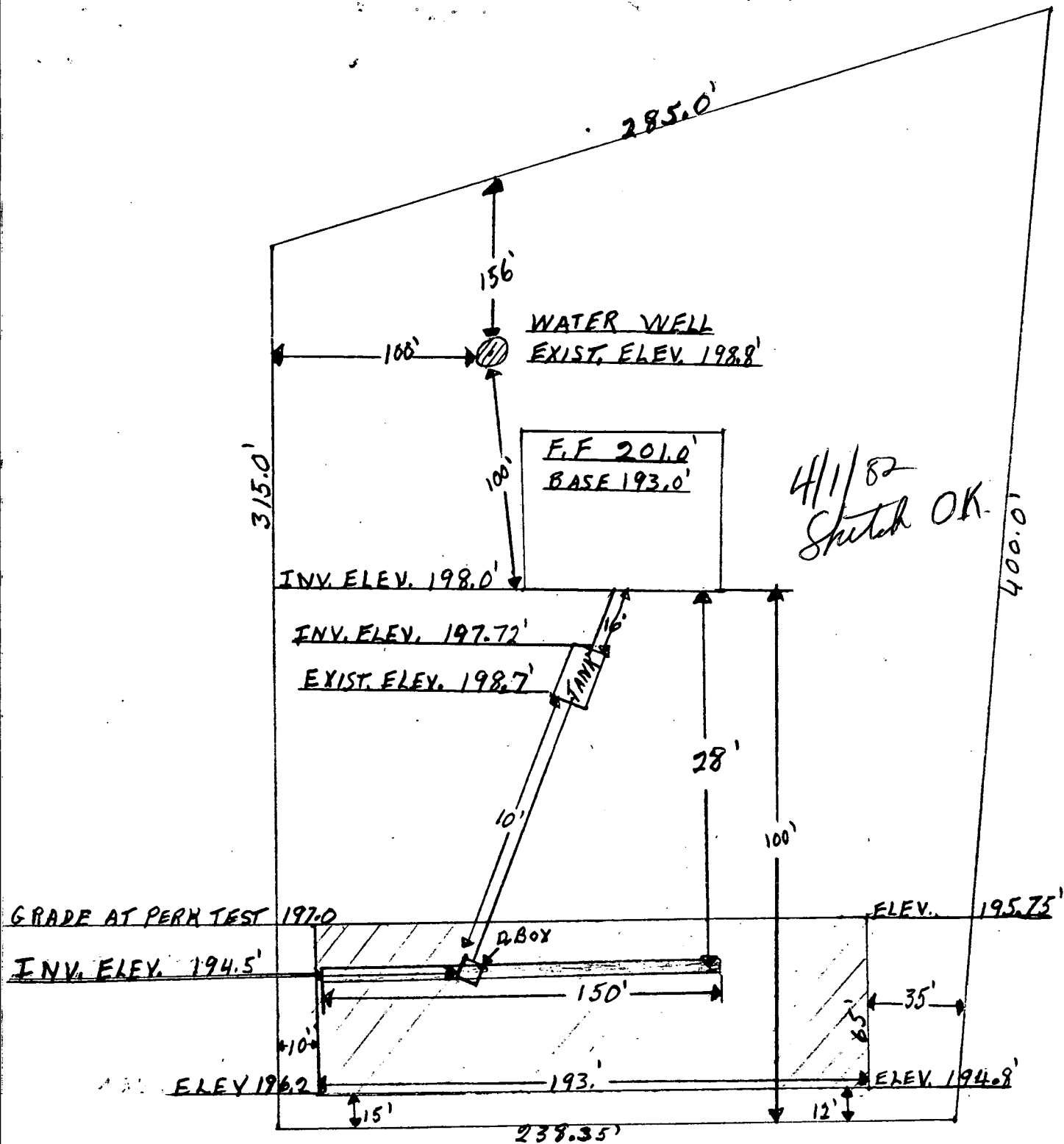
F.S.

ALSO PRESENT:

Hallowell, Frackles

NO SCALE
APPLICATION #26155

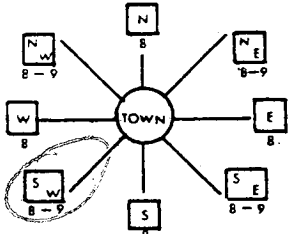
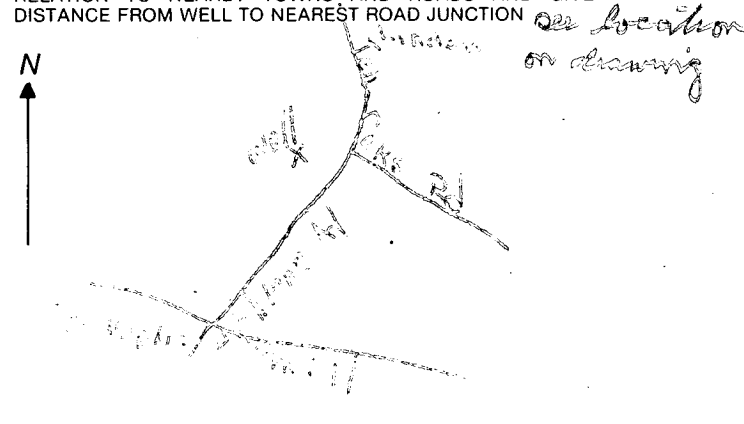
SITE PLAN
ROBERT & FRANCES HARBIN
TEN OAKS FARM
PARCEL 7 A
(301) 349-2045



I CERTIFY THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL & CORRECT
FOR THIS PROPERTY.

SIGNED

Robert L. Harbin

B 1 7295 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-5 ON ALL CARDS)	SEQUENCE NO. (OEP USE ONLY) <i>Begin test between 8 & 8:30 A.M.</i> STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-73-4156 fill in this form completely
Date Received <i>4/13/82</i> <i>pump</i> 8 0 4 1 5 8 2 13 (OEP Use Only)		B 3 LOCATION OF WELL COUNTY <u>Howard</u> SUBDIVISION <u>Ten Oaks Farm</u> SECTION <u>A</u> LOT <u>7</u> NEAREST TOWN <u>Linden</u> MILES FROM TOWN (enter 0 if in town) <u>1</u>
B 1 Continued DRILLER INFORMATION Driller's Name <u>George F. Easterday</u> 77 License No. <u>40</u> Firm Name <u>L.F. Easterday, Inc.</u> Address <u>9215 Berlin Church Rd., Mt. Airy, Md.</u> Signature <u>George F. Easterday</u> Date <u>4/13/82</u>		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>600</u>		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD <u>Highland Rd</u> DISTANCE FROM ROAD <u>1/2</u>
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. <u>63' casing</u> 2. <u>2' casing</u> 3. <u>20' open</u> 50' jet X 12' bag cement 5/12/82 JS Follow clay hole on cement lot, see location on drawing
APPROXIMATE DEPTH OF WELL <u>150</u> FEET APPROXIMATE DIAMETER OF WELL <u>4</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 _____		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 DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____		B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME <u>HOWARD</u> COUNTY NO. <u>A26155</u> OEP SIGNATURE _____ STATE HEALTH CIRCLE BOX ☒ 41 DATE ISSUED <u>04/19/82</u> CO SIGNATURE <u>Frank Sh...</u> NORTH GRID <u>506</u> EAST GRID <u>0804</u> EXPIRES <u>10/19/82</u>
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <u>54</u> <u>GAP</u> <u>63</u> FORCE <u>FS</u> WRITE INITIALS IN BOX PERMIT NO. <u>40-73-4156</u> 64 68 70 71 72 73 74 75 76 77 78 79		B 5 SPECIAL CONDITIONS 8-63 1 2 3 6

C1 3148	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 <u>A 20155</u>	
Date Received (OEP use only)	DATE WELL COMPLETED <u>5/12/82</u>	Depth of Well <u>220</u> (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>HO-73-4156</u>

OWNER last name <u>Harbin</u> first name <u>Robert L</u>	TOWN <u>Linden</u>
STREET OR RFD <u>Highland Rd.</u>	
SUBDIVISION <u>Ten Oaks Farm (Weintraub)</u>	SECTION <u>7A</u>

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 3	
Shaly	3 50	
SANDstone	50 65	
MICA	65 68	
Flint	68 71	
SANDstone	71 85	✓
Wt. MICA	85 125	
Flint	125 130	✓
MICA	130 220	

WELL HAS BEEN GROUTED (Circle Appropriate Box)	
YES ☒ Y	NO ☐ N
TYPE OF GROUTING MATERIAL	
CEMENT ☒ CM	BENTONITE CLAY ☐ BC
NO. OF BAGS <u>12</u>	NO. OF POUNDS <u>1200</u>
GALLONS OF WATER <u>100</u>	
DEPTH OF GROUT SEAL (to nearest foot)	
from <u>0</u> ft. to <u>50</u> ft.	(enter 0 if from surface)

CASING RECORD	
casing types insert appropriate code below	☒ ST STEEL ☐ PL PLASTIC ☐ CO CONCRETE ☐ OT OTHER
MAIN CASING TYPE	Nominal diameter top(main) casing (nearest inch)
☒ 5 ☐ 7	<u>6</u>
	Total depth of main casing (nearest foot)
	<u>63</u>

OTHER CASING (if used)	
EACH CASING	depth (feet) from to
☐	
☐	

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

C 2	
Seq. no.	
DEPTH (nearest ft.) <u>220</u>	
EACH SCREEN	
1 ☒ HO	<u>6</u>
2 ☐	
3 ☐	

SLOT SIZE <u>2</u>	
DIAMETER OF SCREEN	(NEAREST INCH)
<u>50</u>	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐ F	

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	
T	(E.R.O.S.)
70 ☐	72 ☐
TELESCOPE CASING	LOG INDICATOR
	OTHER DATA

C 3	
Seq. no.	
PUMPING TEST	
HOURS PUMPED (nearest hour)	<u>3</u>
PUMPING RATE (gal. per min. to nearest gal.)	<u>7</u>
METHOD USED TO MEASURE PUMPING RATE <u>BUCKET</u>	
WATER LEVEL (distance from land surface)	
BEFORE PUMPING	<u>30</u>
WHEN PUMPING	<u>45</u>
TYPE OF PUMP USED (for test)	
☒ A air	☐ P piston
☐ C centrifugal	☐ R rotary
☐ 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)	
<u>31</u>	
PUMP HORSE POWER	
<u>27</u>	
PUMP COLUMN LENGTH (nearest ft.)	
<u>42</u>	
CASING HEIGHT (circle appropriate box and enter casing height)	
☒ + above	LAND SURFACE
☐ - below	<u>2</u> (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)	
<u>WELL</u>	

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. <u>40</u>
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

Review 7/28/82 OK F.S.

Well Permit No. HO - 73-4156

Subdivision Ten Oaks Farm (Weintraub) Lot 7A Block Plat Sec.

Well Driller _____ Owner Robert Harbin

Depth of well 220 802 M.

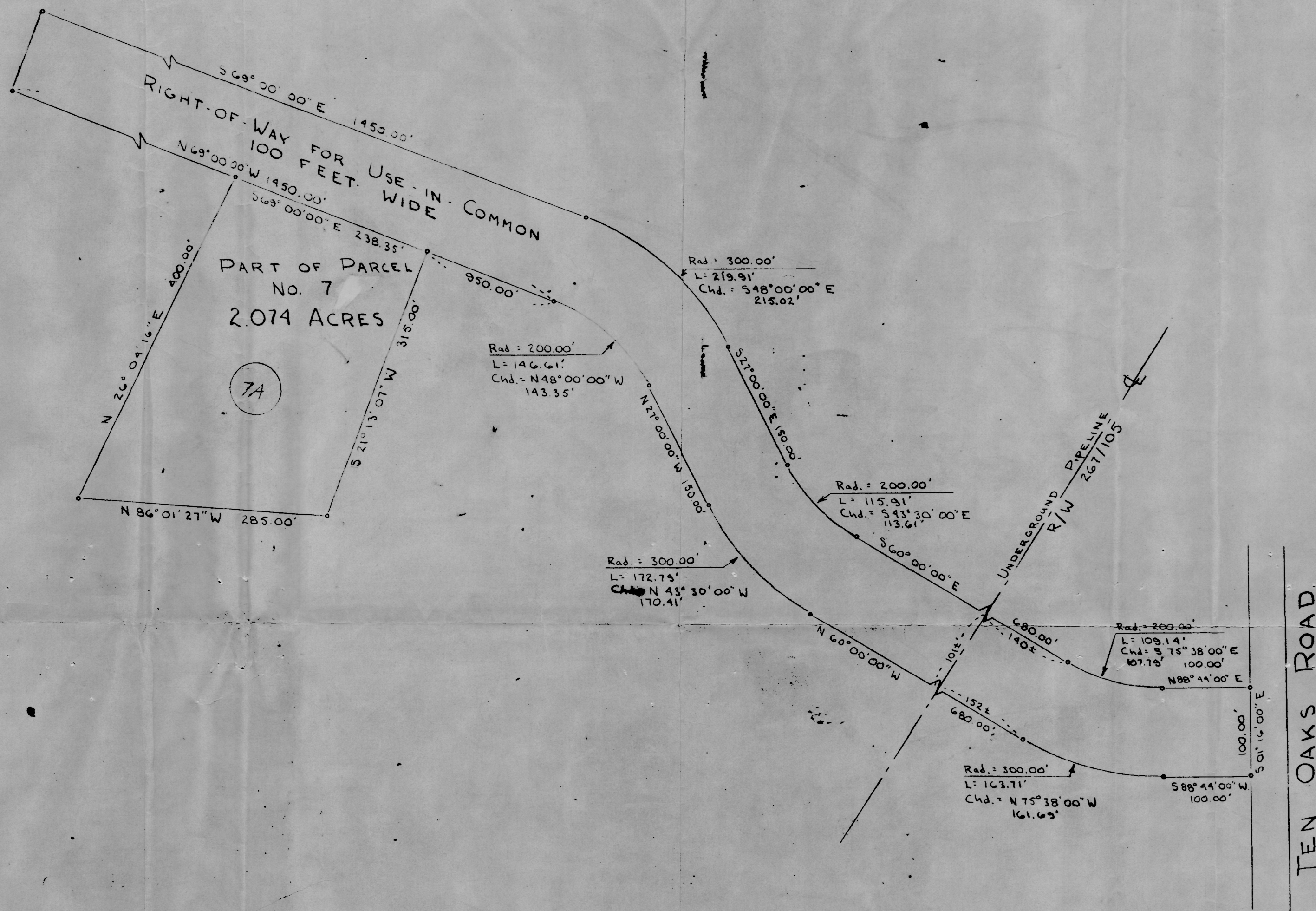
Distance of measuring point (M.P.) above ground 27

Static water level (S.W.L.) below M.P. 33

Time pump started 8:30 Pumping rate 10
Total time 2 hrs 15 min to reach pumping water level 111 ft. below M.P.

[illegible]

pump SET 150



PLAT FROM DEEDS
OF A PART OF
PARCEL NO. 7
FOR
ALLEN WEINTRAUB
FIFTH ELECTION DIST., HOWARD COUNTY
CLARKSVILLE, MARYLAND
SCALE 1IN=100FT JUNE 29, 1977

Note: The lot shown hereon complies with the
intermediate ownership & lot area as required by
the Maryland State Dept. of Health & Mental Hygiene.

Approved: Private Water & Private Sewer

Joseph Boyles 9-29-77
Howard County Health Officer Date



Robert Eugene Rorer

C-4401-7A