

C1 6561 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

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

COUNTY NUMBER

DATE RECEIVED

DATE WELL COMPLETED

Depth of Well (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Kessler, Larry; STREET OR RFD: 5134 South Rolling Rd; TOWN: BALTO 21227; SUBDIVISION: 5540 LANDING RD; SECTION: ; LOT: ;

WELL LOG: Not required for driven wells. STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows: Overburden 0-5, SHALE 5-23, Green Rock 23-200 X.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL: CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS: 6, NO. OF POUNDS: 600, GALLONS OF WATER: 30, DEPTH OF GROUT SEAL: 23 ft.

CASING RECORD: MAIN CASING TYPE: ST, Nominal diameter: 6 inch, Total depth: 23 feet.

OTHER CASING (if used): diameter, depth (feet) from to.

SCREEN RECORD: screen type or open hole: HO, insert appropriate code below.

DEPTH (nearest ft.) table with rows for EACH SCREEN and columns for depth intervals.

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED. ELECTRIC LOG OBTAINED. 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...

DRILLERS IDENT. NO. 1120; DRILLERS SIGNATURE: Sandy B. Cochran

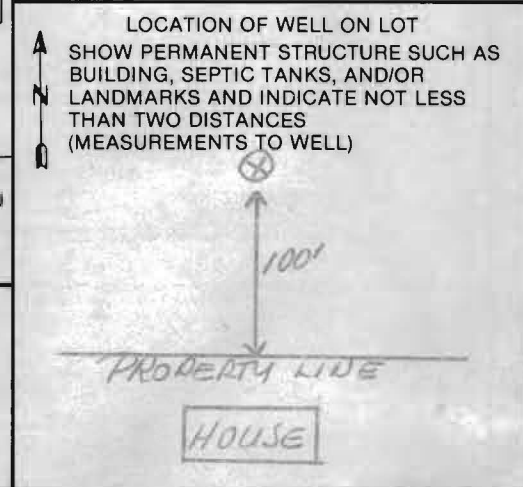
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee): Thomas M. Marthy

GRAVEL PACK: IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68.

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER): TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST: HOURS PUMPED: 6, PUMPING RATE: 1.43 gal. per min. to nearest gal., METHOD USED TO MEASURE PUMPING RATE: SUBMERSIBLE, WATER LEVEL: 10 ft. BEFORE PUMPING, 138 ft. WHEN PUMPING, TYPE OF PUMP USED: submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: S, CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.



C1 0624 SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER last name first name TOWN SUBDIVISION SECTION LOT

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

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL

CASING RECORD casing types insert appropriate code below MAIN CASING Nominal diameter Total depth

OTHER CASING (if used) diameter depth

SCREEN RECORD screen type or open hole insert appropriate code below

DEPTH (nearest ft.) EACH SCREEN SLOT SIZE DIAMETER OF SCREEN

PUMPING TEST HOURS PUMPED PUMPING RATE METHOD USED TO MEASURE PUMPING RATE WATER LEVEL BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) YES NO IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. DRILLERS SIGNATURE

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

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)

DRILLER

B 1 **7230** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
PERMIT TO DRILL WELL
 please print or type

OEP PERMIT NUMBER
40-81-0817
 fill in this form completely

Date Received **7/2/84**
OWNER INFORMATION
 8 COUNTY **HOWARD** 21
 15 Last Name **KESSLER** Owner **LARRY** First Name **LARRY** 34
 36 Street or RFD **5134 S ROLLING RD** 55
 57 Town **BALTIMORE** 70 State **MD** 72 Zip **21227** 76

B 3 **LOCATION OF WELL**
 1 2
 8 COUNTY **HOWARD** 21
 23 SUBDIVISION **MAP 31 PARCEL 555** 42
 SECTION **44** 46 LOT **48** 50
 52 NEAREST TOWN **ELK RIDGE** 71
 MILES FROM TOWN (enter 0 if in town) **2** 73 **M I** 76 77 78

DRILLER INFORMATION
 Driller's Name **Sandy B. Cochran** 77 License No. **0127**
 Firm Name **GENGAR HARR SONS CORP.**
 Address **12047 FALLS RD GAITHERSVILLE 20878**
 Signature **Sandy B. Cochran** Date **11-16-84**

B 4 **DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**
 1 2
 11 **5540 LANDING RD.** 30
 NEAR WHAT ROAD
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
 34 **80** 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) **750** 14 20

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)

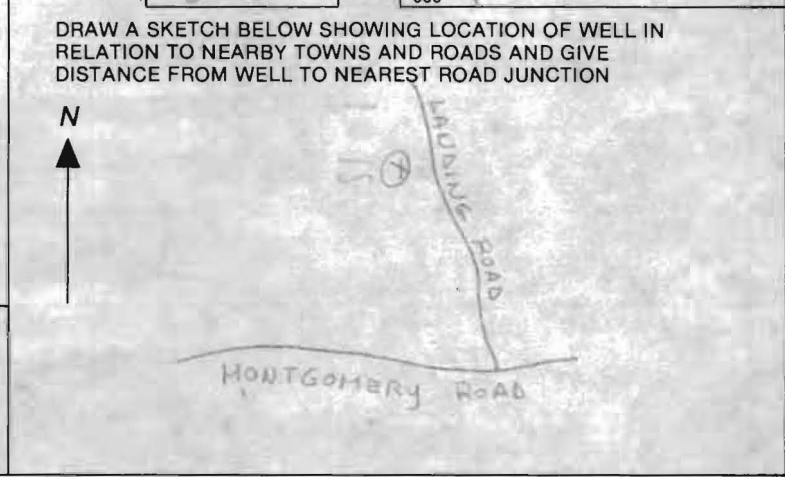
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
 COUNTY NAME **HOWARD** COUNTY NO. **A 32034**
 OEP SIGNATURE **Franklin** STATE HEALTH INSERT S 41
 DATE ISSUED **6/12/85**
 CO SIGNATURE **Franklin** EXP. DATE
 NORTH GRID **504000** 50 55 EAST GRID **0868000** 57 63

APPROXIMATE DEPTH OF WELL **200** 24 28 FEET
 APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

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
860 E 860
500 N 500
 000 000

METHOD OF DRILLING (circle one)
 30- BORED (or Augered) JETTED Jetted & DRIVEN
 37 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 DEEPEN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ 54 63
 FORCE **3** WRITE INITIALS IN BOX **GA** PERMIT No. **40-81-0817** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

Review 5/20/85 Well
has been deepened to
300' O.K. F.S.

FIELD DATA SHEET
BALTIMORE COUNTY WELL YIELD TEST

Well Permit No. HO-81-0817 Election District _____
 Location of property (road) 5540 LANDING ROAD
 Subdivision _____ Lot _____ Block _____ Plat _____ Sec. _____
 Well Driller G. EDGAR HARR SONS' CORP. Owner LARRY KESSLER

Depth of well 200'
 Distance of measuring point (M.P.) above ground 13"
 Static water level (S.W.L.) below M.P. 15'

I. High rate pumping -- reservoir drawdown

Time pump started 0815 Pumping rate 15.0
 Total time 15 to reach pumping water level 140 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)
0815	15	4		15.0
0830	140	4		15.0
0845	138'9"	35		1.71
0900	139'3"	35		1.71
0915	138'8"	41		1.46
0930	138'1"	40		1.5
0945	138'1"	40		1.5
1000	138'6"	43		1.4
1015	137'10"	43		1.4
1030	137'10"	43		1.4
1045	137'10"	42		1.43
1100	137'10"	42		1.43
1115	137'10"	42		1.43
1130	137'10"	42		1.43
1145	137'10"	42		1.43
1200	137'10"	42		1.43
1215	137'10"	42		1.43
1230	137'10"	42		1.43
1245	138'2"	42		1.43
1300	138'2"	42		1.43
1315	138'2"	42		1.43
1330	138'2"	42		1.43
1345	138'6"	42		1.43
1400	138'6"	42		1.43

George Spicer
et.al.

Howard County
Parks & Recreation

B.P.# 65590

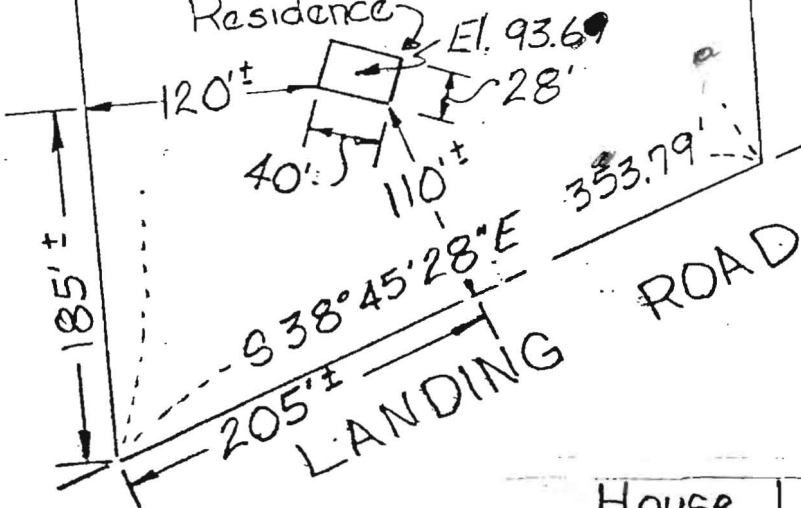
Liber 1154
Filio 657
5.098 Ac±

* Assumed El.
Of Top Well
Head = 100.00

Well El. 98.67
752'

Septic System
20' Min
El. 83.31

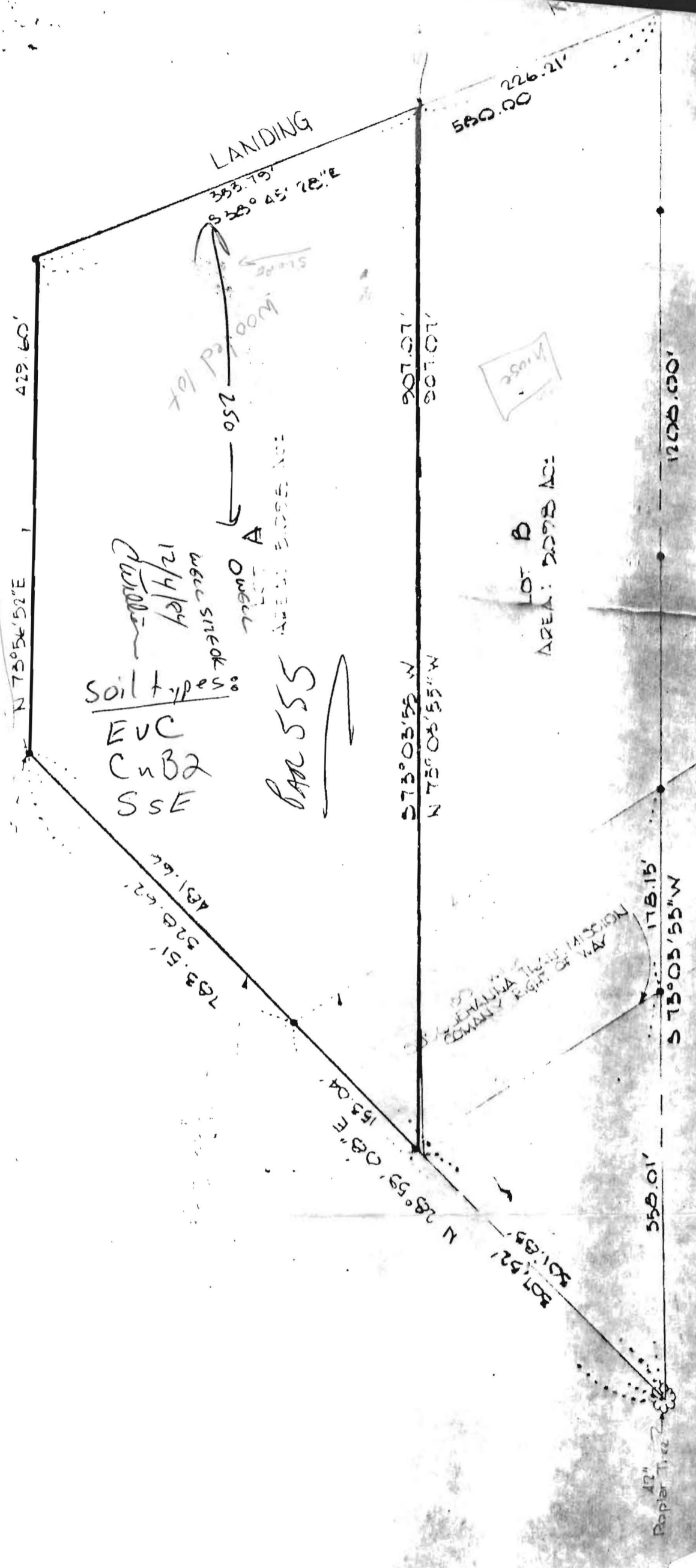
"Residence"
El. 93.69
120'±
40'±
110'±
28'



note: 5' of road 211.95'
to send in

House Location
Larry L & Joan A. Kessler
5540 Landing Road
Elkridge Maryland 21227

Stream
connect
location



GENERAL TRAIL MISSION
COMANLY RIGHT OF WAY

12"
Poplar Tree