

Pump test to begin at 8:00 A.M. (3 hours)

EMERGENCY/TEMP. NO. IF ANY

B 1. 7260

SEQUENCE NO. (OEP USE ONLY)

7/15/82

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

40-73-4216

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

(3rd) pump test

please print or type

fill in this form completely

Date Received 7/15/82

OWNER INFORMATION

OWNER INFORMATION: Last Name 15, Owner, 34 Name, Street or RFD, 55, Town 57, State, 76 Zip

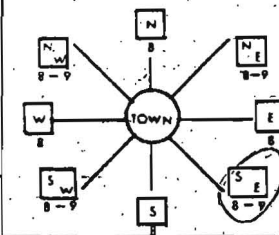
B 3 LOCATION OF WELL

LOCATION OF WELL: COUNTY, 6, SUBDIVISION, 8, SECTION, 23, LOT, 48, NEAREST TOWN, 52, MILES FROM TOWN, 73

B 7 Continued DRILLER INFORMATION

DRILLER INFORMATION: Driller's Name, 77 License No. 80, Firm Name, Address, Signature, Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Brown Bridge NEAR WHAT ROAD, 30, ON WHICH SIDE OF ROAD, (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD, 37, (CIRCLE APPROPRIATE BOX)

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.), 5, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY), 500, 12

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

WRITE THE BOX NUMBER FROM THE MAP HERE

810 5, 480 3

Location OK, 36 - casing, 2 1/2' - above gr, 33' - open, 8' - bag cement, 7/14/82

APPROXIMATE DEPTH OF WELL, 150, FEET

APPROXIMATE DIAMETER OF WELL, 6, NEAREST 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

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)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER, GAP

FORCE, INITIALS IN BOX, PERMIT No., 40-73-4216

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME, 231257 COUNTY NO., OEP SIGNATURE, STATE HEALTH CIRCLE BOX, DATE ISSUED, CO SIGNATURE, NORTH GRID, EAST GRID, EXPIRES

B 5 SPECIAL CONDITIONS 8-63

C 1 3211
 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

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.
 COUNTY NUMBER **A 31251**

Date Received (OEP use only)

DATE WELL COMPLETED
7/14/72

Depth of Well **240**
 (TO NEAREST FOOT)

PERMIT NO.
 FROM PERMIT TO DRILL WELL
40-73-4216

OWNER **Lewis Robert**
 last name first name
 STREET OR RFD **Brown Bridge Road** TOWN **Highland**
 SUBDIVISION **Highland Acres** SECTION **1** LOT **64**

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		Check if water bearing
	FROM	TO	
Top soil	0	2	
Brown mica	2	30	
Gray mica	30	41	
Brown mica	41	60	
Blue mica	60	140	
Gray mica	140	170	
Brown mica	170	176	
Blue mica	176	192	
Gray mica	192	200	
Blue mica	200	210	
Gray mica	210	240	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **8** NO. OF POUNDS **100**
 GALLONS OF WATER **40**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **33** ft.
 (enter 0 if from surface) bottom 34 ft.

CASING RECORD
 casing types insert appropriate code below
ST **CO**
 STEEL CONCRETE
PL **OT**
 PLASTIC OTHER
 MAIN CASING TYPE **ST** Nominal diameter (nearest inch) **6** Total depth of main casing (nearest foot) **36**

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 BRONZE OPEN HOLE
PL **OT**
 PLASTIC OTHER

DEPTH (nearest ft.)
40 **34** **240**

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. **11**
 DRILLERS SIGNATURE **Robert Lewis**
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE **7** **3**
 DIAMETER OF SCREEN (NEAREST INCH) from to

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** **76**
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **4**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **13** WHEN PUMPING **129**
 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 YES **Y** NO **N**
 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)
 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) **31** **35**
 PUMP HORSE POWER **27** **41**
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**
 CASING HEIGHT (circle appropriate box and enter casing height)
 above LAND SURFACE **2** (nearest foot)
 below

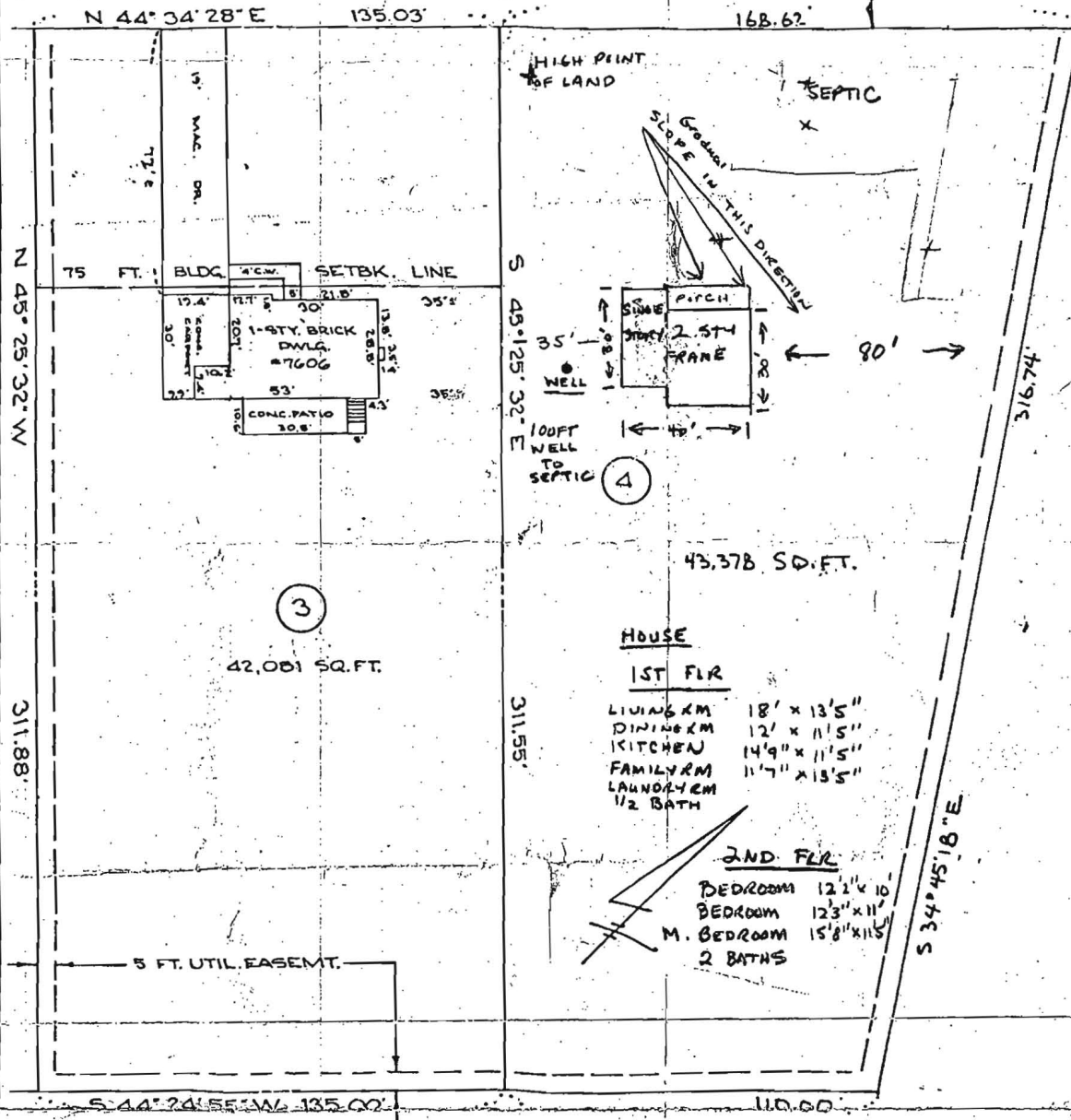
LOCATION OF WELL ON LOT
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)
 15' to WELL
 60'
 F. Lot line
 Brown Bridge Rd.

1" = 40'

Property known as:
7606 BROWNS BRIDGE RD.
LOTS 3 & 4
MAP OF HIGHLAND ACRES "SECTION ONE"
5TH ELECTION DISTRICT
HOWARD COUNTY, MD.
PLAT BOOK B FOLIO 66

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

BROWNS BRIDGE ROAD

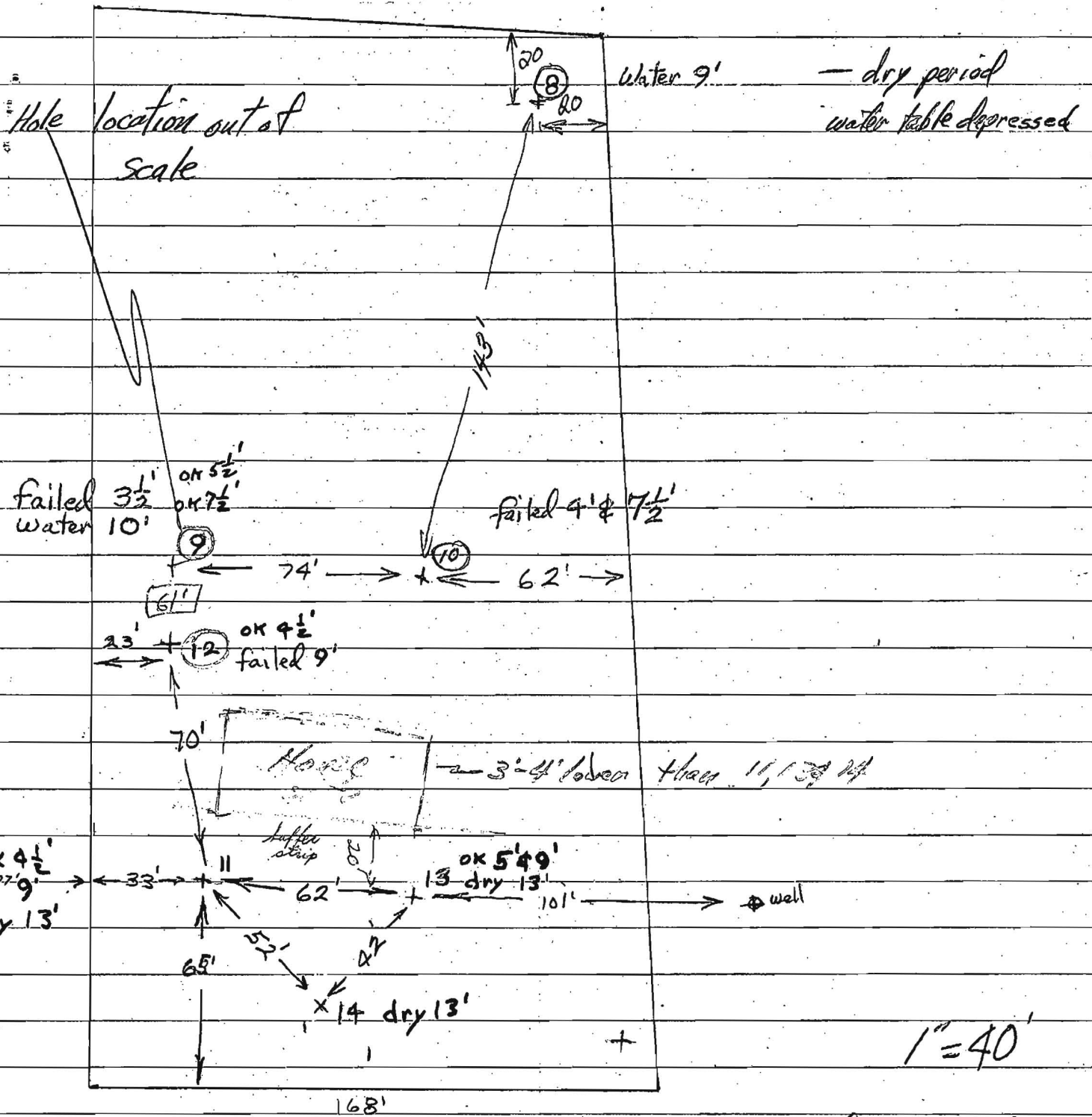


CERTIFICATION	SEAL	SCALE: 1"=40' DATE: July 6, 1978
<p>This is to certify that I have surveyed the property known as: <u>7606 BROWNS BRIDGE ROAD</u></p> <p>for the purpose of locating the improvements thereon, and the improvements are located as shown.</p>		<p>AXEL F. LOEN</p> <p>PROFESSIONAL LAND SURVEYOR</p> <p>730 - 0967</p> <p>10754 FAULKNER RIDGE CIRCLE</p> <p>COLUMBIA, MD. 21044</p>

1" = 40'

March 26, 1981.

R. Hodges



Brown Bridge Rd.

Charles Smith
301-468-3647

R.F.