

B 1 0330 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
 HWO 733301
 FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
 6/29/79
 9:30 A.M.

OWNER: Donald W. Monaghan
 COL 15 LAST NAME FIRST NAME COL. 34
 STREET OR RFD: 4015 Laurel Springs Rd
 COL 58 COL. 55
 POST OFFICE: Restonville Md. 20730
 COL 57 COL. 76

B 1 CONTINUED DRILLER INFORMATION
 1 2 3 (SEQ. NO.) 6
 DATE: 5-31-79 LICENSE NUMBER: 144
 77 80
 FIRST NAME: Kenyon DRILLER LAST NAME: Monaghan
 SIGNATURE: Kenyon Monaghan

B 3 LOCATION OF WELL
 1 2 3 (SEQ. NO.) 6
 COUNTY: Howard (DO NOT ABBREVIATE COUNTY NAME) 21
 SUBDIVISION: Restonville 42
 SECTION: 23 LOT: 1 48 50
 NEAREST TOWN: Restonville 71
 MILES FROM TOWN (ENTER 0 IF IN TOWN): 0 76 77 78

B 2 WELL INFORMATION
 1 2 3 (SEQ. NO.) 6
 MAXIMUM PUMPING RATE (GALLONS PER MINUTE): 7 8 12
 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY): 800 14 20
 USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING, AGRICULTURE, IRRIGATION
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT
 MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL
 PRIVATE WATER COMPANY }
 TEST

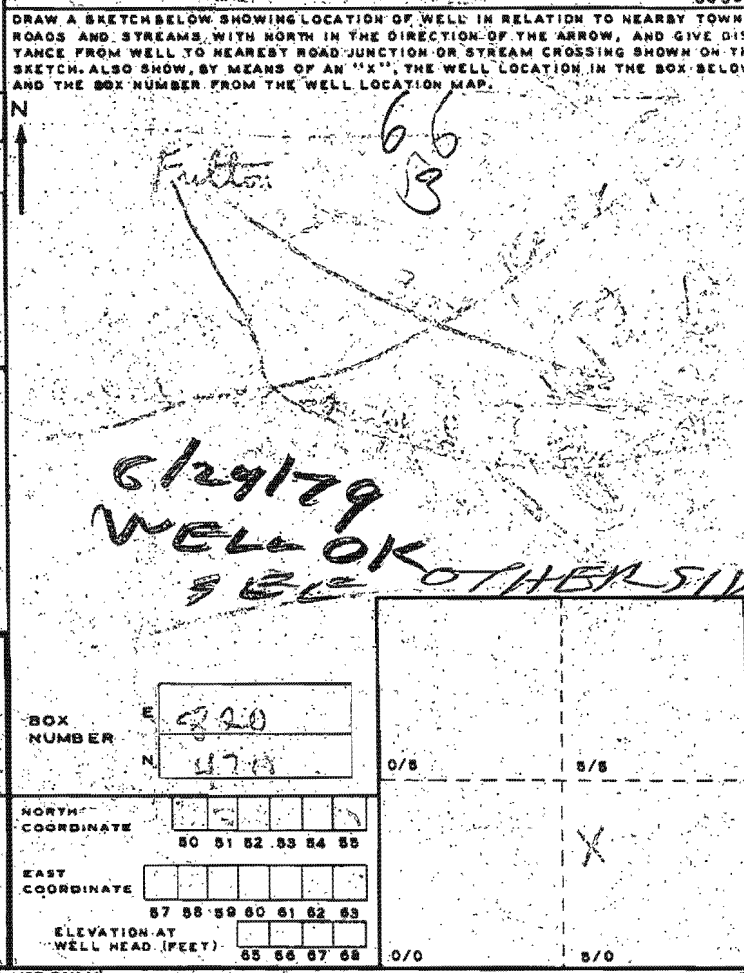
B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
 1 2 3 (SEQ. NO.) 6
 N NORTH E EAST NE NORTHEAST SE SOUTHEAST
 S SOUTH W WEST NW NORTHWEST SW SOUTHWEST
 NEAR WHAT ROAD: Restonville Rd
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH SOUTH EAST WEST 30
 DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX): 34 37 38 39

APPROXIMATE DEPTH OF WELL: 400 FEET
 APPROXIMATE DIAMETER OF WELL: 6 (NEAREST INCH)
 METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)
 BORED (OR AUGERED) JETTED DRIVEN
 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)
 CABLE REVERSE-ROTARY DRIVE-POINT
 OTHER (DESCRIBE):

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 (WRA USE ONLY)
 APPROPRIATION PERMIT NUMBER: 04 ENGINEER REVIEW DISTRICT NO.: 63
 FORCE: 07 WRITE INITIALS IN BOX: DM CONDITIONS: 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED HEALTH DEPARTMENT APPROVAL
 1 2 3 (SEQ. NO.) 6
 STATE HEALTH COUNTY NAME: Howard COUNTY NO.: 033007
 DATE: 060479 APPROVED BY: Donald W. Monaghan
 43 48 Donald W. Monaghan, Sanitaria



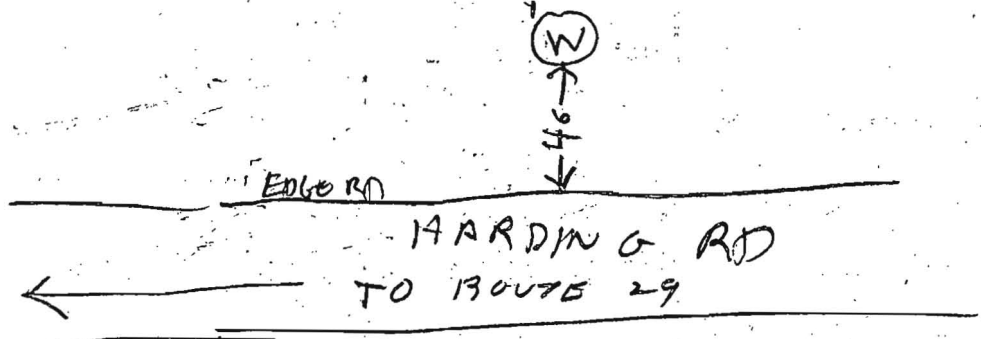
B 5 SPECIAL CONDITIONS 8-83 (WRA USE ONLY)
 1 2 3 (SEQ. NO.) 6

108887

RECEIVED

JUN 12 9 33 AM '79

HONORABLE
HEALTH DEPT.
ELECTORAL DIV.



6/29/79

- ① 66 FT CASING WITH 3 FT OUT OF GROUND
- ② 47 FT OPEN HOLE MEASURED WITH A STRING
- ③ ~~5~~ PIPE JETTED DOWN OPEN HOLE 54 FT

C 1 9039
 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 A-28807

DATE RECEIVED (WRA USE ONLY) 6/25/79
 DATE WELL COMPLETED 6/25/79
 DEPTH OF WELL 405 (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" AC-73-3301
 DRILLERS IDENTIFICATION NO. 144

OWNER: Gresham, Jack
 STREET OR RFD: [blank]
 POST OFFICE: [blank]

WELL LOG

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
Sandstone	0	51	
Sandstone	51	405	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX) CEMENT M BENTONITE CLAY B

NO. OF BAGS 23 NO. OF POUNDS 2300

GALLONS OF WATER 135

DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 TO 64

CASING RECORD

INSERT APPROPRIATE CODE BELOW ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 64

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW ST STEEL BR BRASS OR BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

DEPTH (NEAREST WHOLE FOOT) FROM 11 TO 405

SCREEN TYPE OR OPEN HOLE

DIAMETER OF SCREEN 58 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX: F

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

TELESCOPE CASING 70 LOG INDICATOR 72 OTHER DATA AVAILABLE 74 75 76

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 40

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE Air

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 60 (NEAREST FOOT)

WHEN PUMPING 95 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) A AIR P PISTON T TURBINE C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW) J JET S SUBMERSIBLE

PUMP INSTALLED

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

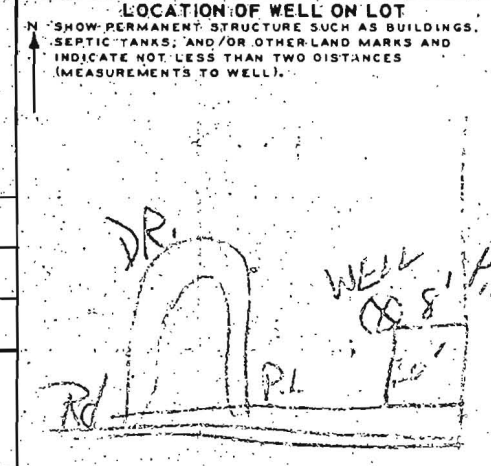
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 TO 35

PUMP HORSE POWER 37 TO 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 TO 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) ABOVE LAND SURFACE BELOW



CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

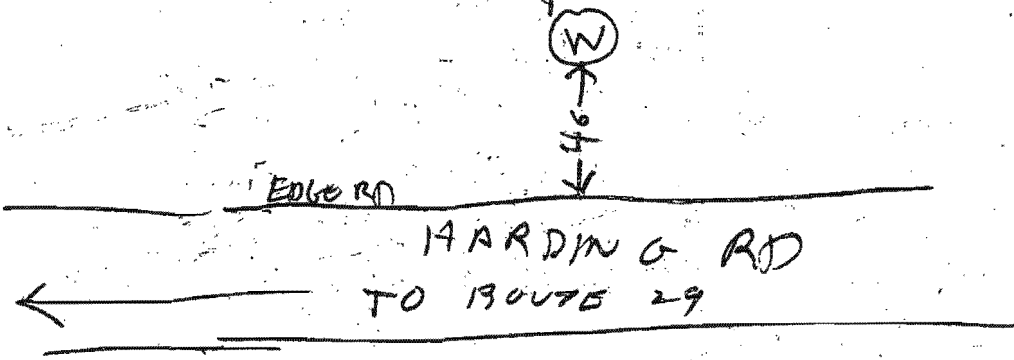
P TEST WELL CONVERTED TO PRODUCTION WELL

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: KEYSER-FARVER INC
 SIGNATURE: [Signature]

1588 ET 24

RECEIVED
JUN 12 9 32 AM '79
HOBBS HEALTH DEPT.
ELICOTT CITY, MD.



6/29/79

- ① 66 FT CASING WITH 3 FT OUT OF GROUND
- ② 47 FT OPEN HOLE MEASURED WITH A STRING
- ③ PIPE JETTED DOWN OPEN HOLE 54 FT

C 1 9039

GENERAL USE (WRA USE ONLY)

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TOWNSHIP 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 H-28807

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

DATE RECEIVED (WRA USE ONLY) 1/25/79 DATE WELL COMPLETED 15 20

DEPTH OF WELL 405 (TO NEAREST FOOT) 22 25

PERMIT NO. FROM "PERMIT TO DRILL WELL" H-73-3301 28 29 30 31 32 33 34 35 36 37 DRILLERS IDENTIFICATION NO. 144

OWNER: Gresham, Jack LAST NAME FIRST NAME: (P. 71) STREET OR RFD: POST OFFICE:

WELL LOG table with columns: DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY), FEET (FROM, TO), CHECK IF WATER BEARING. Includes handwritten entries: Sandstone 0 51, Sandstone 51 405.

GROUTING RECORD section: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (C M), CEMENT 45 46, BENTONITE CLAY (B C), NO. OF BAGS 23, NO. OF POUNDS 2300, GALLONS OF WATER 135, DEPTH OF GROUT SEAL (TO NEAREST FOOT) 0 64.

PUMPING TEST section: C 3, HOURS PUMPED (TO NEAREST HOUR) 40, PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2, METHOD USED TO MEASURE PUMPING RATE air, WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 601 (NEAREST FOOT) 17 20, WHEN PUMPING 95 (NEAREST FOOT) 22 25.

CASING RECORD section: MAIN CASING TYPE (S T) 60 61 63 64 66 70, NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6, TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 64.

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST): C CENTRIFUGAL 27, R ROTARY 27, S SUBMERSIBLE 27.

OTHER CASING (IF USED) section: DIAMETER (INCH), DEPTH (FEET) FROM TO.

PUMP INSTALLED section: TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O), 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.

SCREEN RECORD section: SCREEN TYPE OR OPEN HOLE (S T) (B R) (H O) (P L) (O T), DIAMETER OF SCREEN 56 60 (NEAREST INCH) FROM TO.

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) ABOVE BELOW 2 (NEAREST FOOT) 49 50 51.

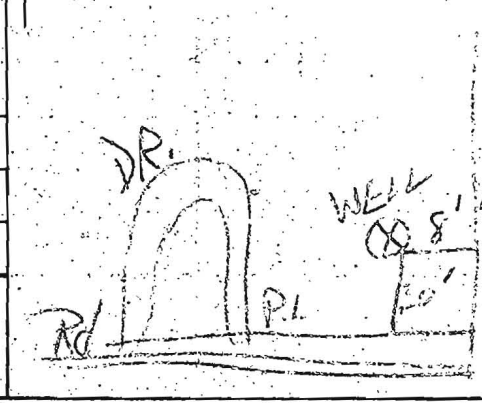
DEPTH (NEAREST WHOLE FOOT) section: EACH SCREEN 1 2 3, DEPTH FROM TO, SLOT SIZE 1, 2, 3.

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).

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: KEYSER-CARVER INC, SIGNATURE: Glenn E. ...

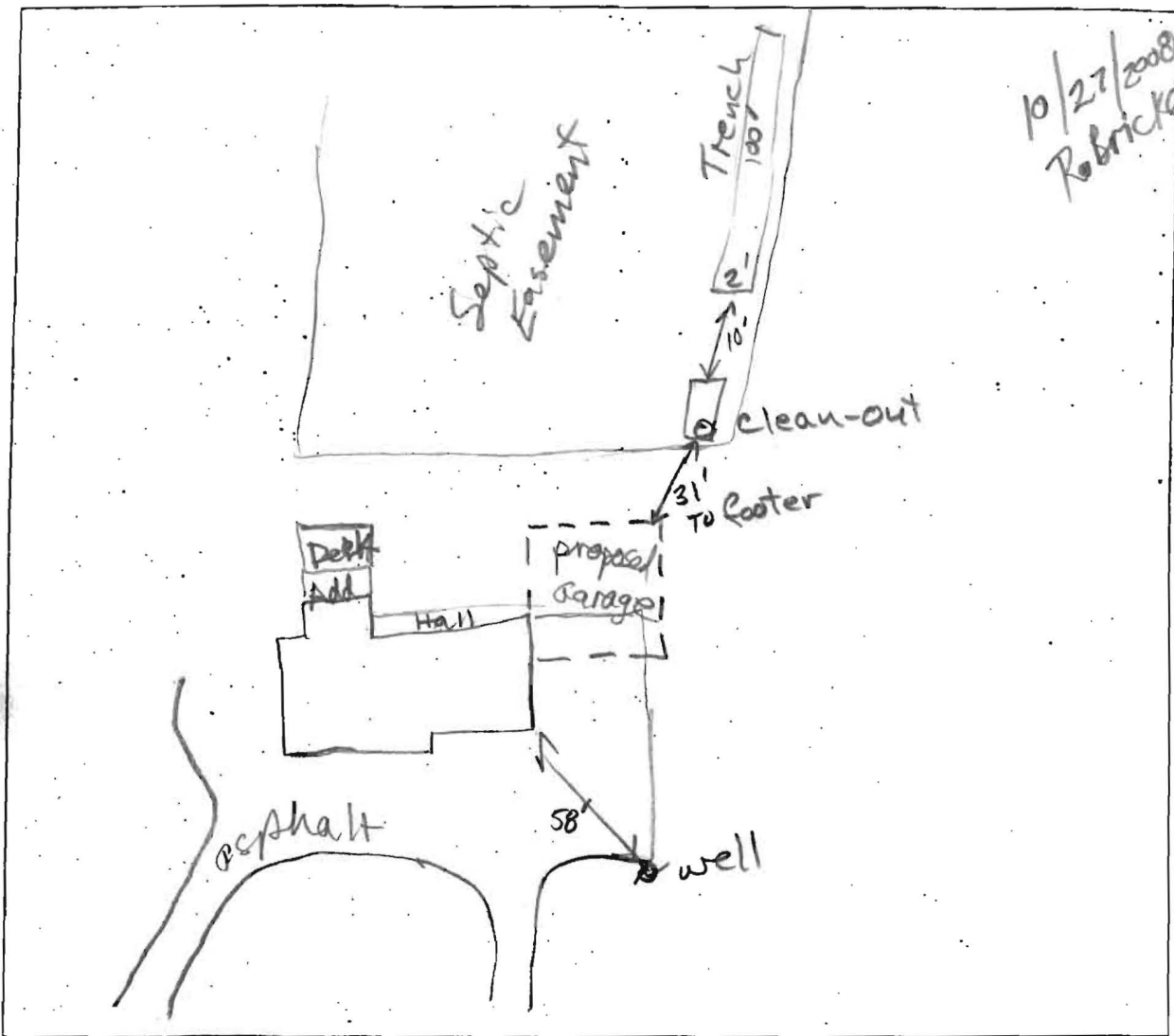
WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER): TELESCOPE CASING 70, LOG INDICATOR 72, OTHER DATA AVAILABLE 74 75 76.



SITE INSPECTION SHEET

OWNER: Bruno Tarabocchia PHONE #: _____
ADDRESS: 11200 Harding Rd CONTRACTOR: _____
SUBDIVISION: _____ LOT: 1 WELL TAG #: 73-3301
PROPOSAL: _____ COUNTY #: Howard

LOCATION DIAGRAM



COMMENTS: Proposed improvements are staked.