

C1 8133 SEQUENCE NO. (WRA USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN
30 DAYS AFTER WELL IS COMPLETED
COUNTY P30014
NUMBER

Date Received (WRA use only) 7/14/81
DATE WELL COMPLETED

Depth of Well 1100
(TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"
10-73-3945

OWNER Krubm Robert
last name first name
STREET OR RFD 12570 Hall Shop Road TOWN Fulton
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		Check if water bearing
	FROM	TO	
TOP SOIL	0	2	
SHALEY	2	10	
SAND STONE	10	15	
MICA	15	30	
SAND STONE	30	50	
MICA	50	75	
SAND STONE	75	80	✓
FLINT	80	85	✓
MICA	85	160	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
TYPE OF GROUTING MATERIAL
CEMENT BENTONITE CLAY
NO. OF BAGS 11 NO. OF POUNDS 1100
GALLONS OF WATER 35
DEPTH OF GROUT SEAL (to nearest foot)
from 0 ft. to 30 ft. BOTTOM 58 ft.

CASING RECORD
casing types insert appropriate code below
STEEL CONCRETE
PLASTIC OTHER
MAIN CASING TYPE Nominal diameter top(main)casing (nearest inch) Total depth of main casing (nearest foot)
ST 6 40

OTHER CASING (if used)
EACH CASING diameter inch depth (feet) to

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL BRASS, BRONZE OPEN HOLE
PLASTIC OTHER

C2 (seq. no.)
DEPTH (nearest ft.)
H0 38 160
SLOT SIZE 1 2 3
DIAMETER OF SCREEN (NEAREST INCH)
from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX

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

C3 (seq. no.)
PUMPING TEST
HOURS PUMPED (nearest hour) 2
PUMPING RATE (gal. per min. to nearest gal.) 8
METHOD USED TO MEASURE PUMPING RATE BUCKET
WATER LEVEL (distance from land surface)
BEFORE PUMPING 60
WHEN PUMPING 160
TYPE OF PUMP USED (for test)
air piston turbine
centrifugal rotary other (describe below)
jet submersible

PUMP INSTALLED YES NO
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)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height)
above below
LAND SURFACE 2 (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)
LEFT LOT LINE
80' WELL
HALL SHOP RD

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 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 IDENT. NO. 40

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

B 1 8187

SEQUENCE NO. WRA USE ONLY

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER

HO-73-3945

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

please print or type

fill in this form completely

DATE RECEIVED 7-14-81 8 (WRA USE ONLY) 13 OWNER INFORMATION

Robert K... 12570 Well Shop Rd, Fulton Md. LAST NAME, OWNER, FIRST NAME, STREET OR RFD, TOWN, STATE, ZIP

B 3 LOCATION OF WELL COUNTY Howard, SUBDIVISION, SECTION, LOT, NEAREST TOWN Highland, MILES FROM TOWN

B 1 CONTINUED DRILLER INFORMATION U.F. Postorday, 14040, DRILLER'S NAME, LICENSE NO. 7/14/81, SIGNATURE, DATE

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD Well Shop Rd. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 100

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN) 5, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 1400

SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX. WRITE THE BOX NUMBER FROM THE MAP HERE. E 810, N 480

USE FOR WATER (CIRCLE APPROPRIATE BOX) D HOME, F FARMING, I INDUSTRIAL, P PUBLIC OR PRIVATE WATER COMPANY, T TEST, OBSERVATION, MONITORING

APPROXIMATE DEPTH OF WELL 150 FEET, APPROXIMATE DIAMETER OF WELL 6 INCH

Method of Drilling (circle one) BORED (OR AUGERED), JETTED, JETTED & DRIVEN, AIR ROTARY, AIR PERCUSSION, ROTARY (HYDRAULIC), CABLE, REVERSE ROTARY, DRIVE POINT, ROTARY, other

REPLACEMENT OR DEEPEMED WELLS (Circle Appropriate Box) N THIS WELL WILL NOT REPLACE AN EXISTING WELL, 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 DEEPEM AN EXISTING WELL

Not to be filled in by driller (WRA USE ONLY) APPROP. PERMIT NUMBER GAP, FORCE INITIALS ES, CONDITIONS HO-73-3945

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION. Sketch shows Highland, Well Shop Rd, and a well location marked with an X.

B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL. COUNTY NAME Howard, COUNTY NO. P30014, SIGNATURE Frank D. Skinner, Sanita P3801, DATE 7/14/81, NORTH GRID 488, EAST GRID 0812, ELEV. (FT.)

B 5 SPECIAL CONDITIONS (WRA USE ONLY)

7/14/81
10:30 A.M.

FILE Emergency Well Grouting

DATE REPORTED July 14, 1981

PROPERTY OWNER Robert Kruhm

P.O. ADDRESS 12570 Hall Shop Road

TELEPHONE _____

DIRECTIONS TO PROPERTY _____

INFORMANT Driller - Easterday

Number - HO-73-3945

CONDITION FOUND 7/14/81

- ① LOCATION OK SEE LINED SHEET
- ② 40 FT CASING 2 FT OUT OF GROUND
- ③ 25 FT OPEN HOLE MEASURED WITH A STRING
- ④ PIPE JETTED DOWN 28 FT EASILY.
- ⑤ COULD GO FARTHER WITH NO PROBLEM
- ⑥ 11 BAGS WELL OK

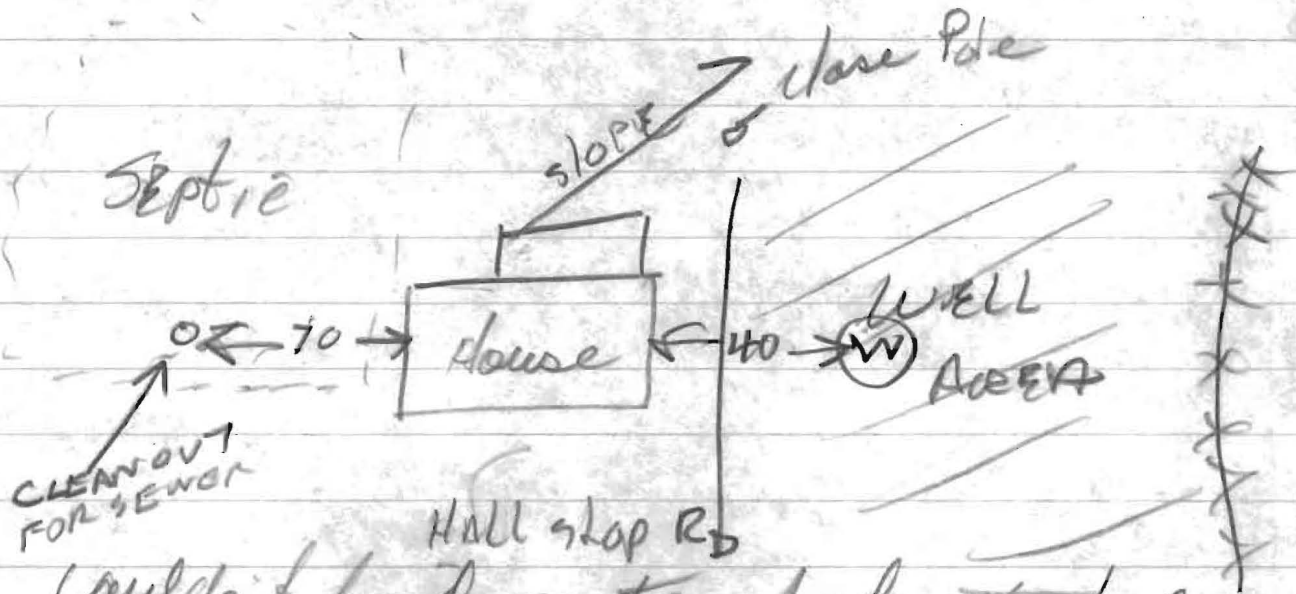
ACTION TAKEN

R. HODGES

FINAL DISPOSITION _____

12570 Hall shop Rd

H10-73-3945




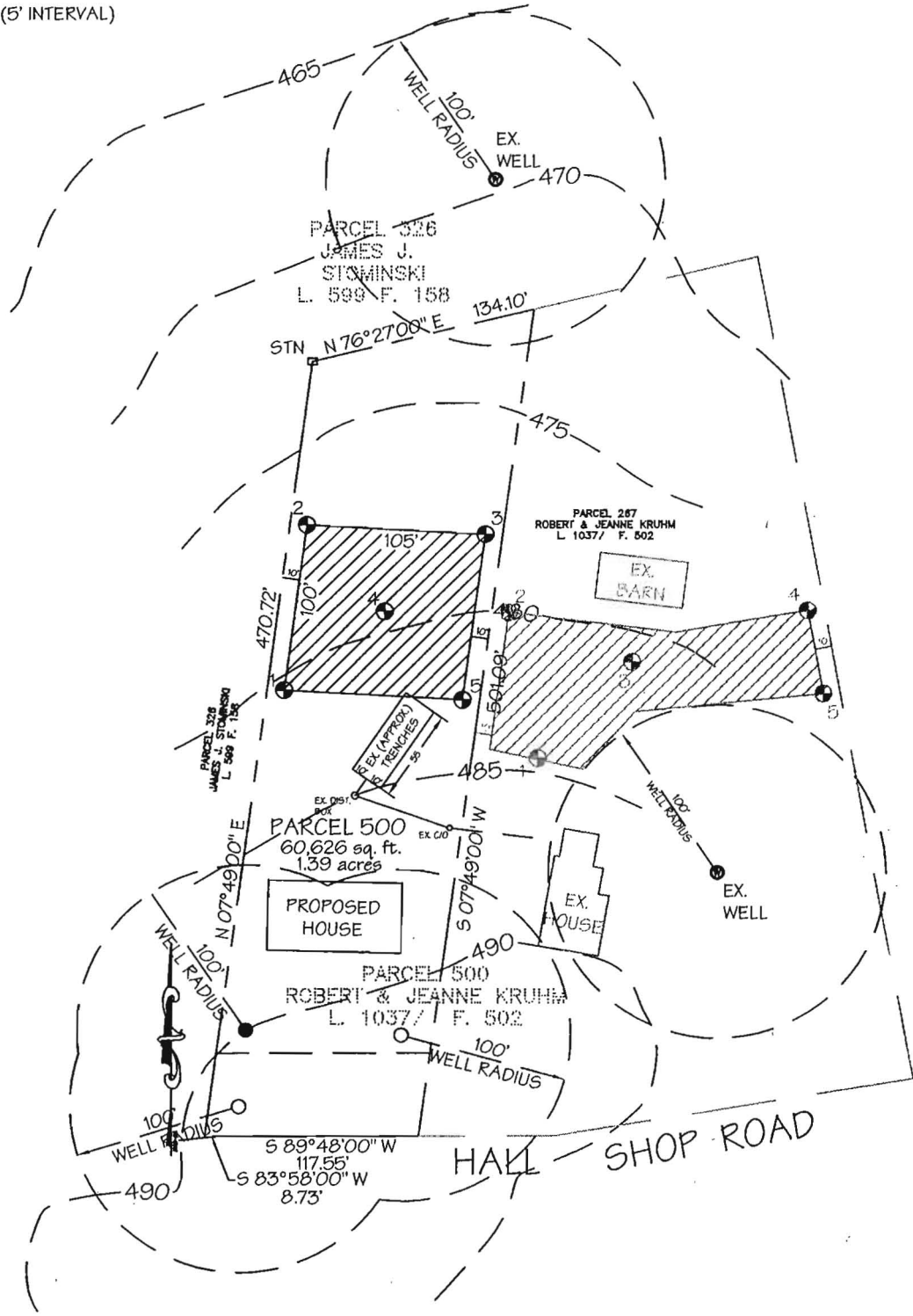
Couldn't find septic but attached drawings show it to be where indicated well area where shown, old well under floor in kitchen, has jet pump.

SK 6-23-81

7/14/81 WELL LOCATION OK
NOW SEE GROUT SHEET

LEGEND

-  THIS AREA REPRESENTS A PROPOSED 10000 SQ. FOOT SEPTIC FIELD.
- ALTERNATIVE WELL LOCATION
- PREFERRED WELL LOCATION
- EX. CONTOUR (5' INTERVAL)



PROPERTY KNOWN AS:
 12570 HALL SHOP ROAD
 LIBER 1037 FOLIO 502
 MAP 40 GRID 11 PARCEL 500
 HOWARD COUNTY, MD

SCALE 1" = 100' | DATE 1/14/02

LDE Inc.
 Engineers, Surveyors, Planners
 9250 Rumsey Road, Suite 106
 Columbia, Maryland - 21045
 (410)715-1070 - (410)715-9540 Fax

Projects 20120003.dwg, LAYOUT1, 1/20/2003 3:37:10 PM

NOTE:
 ALL ONSITE SOILS ARE LISTED AS MANOR LOAM (PER HOWARD COUNTY SOIL SURVEY SHT 18.) MANOR SOILS ARE HYDROLOGIC TYPE "B"

PROPERTY OWNERS
 ROBERT & JEANNE KRUEHM
 P.O. BOX 230
 FULTON, MD 20759

PERCOLATION TESTING
 APPLICATION PLAN