

C1 19360

SEQUENCE NO. (MDE 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

ST/CO USE ONLY

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM 12 DD 16 YR 13

MM 11 DD 28 YR 13

22 205 26 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER: Lancaster, Bruce; WELL SITE ADDRESS: 14140 Raven Mill Rd; TOWN: West Friendship MD; SUBDIVISION: SECTION: LOT 12

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 include Topsoil, Red Clay, Broken Rock layer, Gray Rock.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (CEMENT/BENTONITE CLAY); NO. OF BAGS; NO. OF POUNDS; GALLONS OF WATER; DEPTH OF GROUT SEAL

CASING RECORD

MAIN CASING TYPE (STEEL/CONCRETE/PLASTIC/OTHER); Nominal diameter; Total depth of main casing

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to

SCREEN RECORD

screen type or open hole (STEEL/BRASS/BRONZE/PLASTIC/OPEN HOLE/OTHER); insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: 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 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO.: M WD 553; DRILLERS SIGNATURE; LIC. NO.: WD 097

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

Table with columns: E A C H S R E N; DEPTH (nearest ft.); SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH)

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour); PUMPING RATE (gal. per min.); METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL (distance from land surface) BEFORE PUMPING, WHEN PUMPING; TYPE OF PUMP USED (for test)

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO); IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS; TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29; CAPACITY: GALLONS PER MINUTE (to nearest gallon); PUMP HORSE POWER; PUMP COLUMN LENGTH (nearest ft.); CASING HEIGHT (circle appropriate box and enter casing height); LAND SURFACE (nearest foot)

LATITUDE 39.301585; LONGITUDE 76.999565 (DEFAULT COORD. WGS 84); NOTES:

Handwritten notes: Front, 39.301572, 76.9994161

B 1	26027	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type	STATE PERMIT NUMBER 40-95-2604 <small>fill in this form completely</small>
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OWNER INFORMATION

Date Received (APA) _____

8 MM DD YY 13
Lancaster Bruce

15 Last Name Owner First Name 34

36 **14140 Rover Mill Rd** Street or RFD 55

57 Town 70 State 72 Zip 76
West Friendship MD 21794

LOCATION OF WELL

8 COUNTY **Howard** 21

23 SUBDIVISION **Genele** 42

SECTION **12** LOT **12**
44 46 48 50

52 NEAREST TOWN **West Friendship** 71

DRILLER INFORMATION

Driller's Name **C. John Hess** License No. **MWD 553** 76 81

Firm Name **Allied Environmental Svcs**

Address **PO Box 129, Annap Junction MD 20710**

Signature **C. John Hess** Date **10-18-13**

SOURCES OF DRILLING WATER

1. **Public**

2. _____

3. _____

11 STREET ADDRESS **14140 Rover Mill Rd** 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH
 WEST
 EAST
 SOUTH

34 DISTANCE FROM ROAD 37

ENTER FT OR MI 38 39

TAX MAP: **0015** BLK: **0007** PARCEL **0209**

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) _____ 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) _____ 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL **2 loops**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME **Howard** COUNTY NO. **13**

STATE SIGNATURE _____ INSERT S → _____ 41

DATE ISSUED **11/7/13** CO SIGNATURE _____ EXP. DATE **11/7/14**

43 MM DD YY 48

APPROXIMATE DEPTH OF WELL **225** FEET 24 28

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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

THIS WELL WILL DEEPEM AN EXISTING WELL

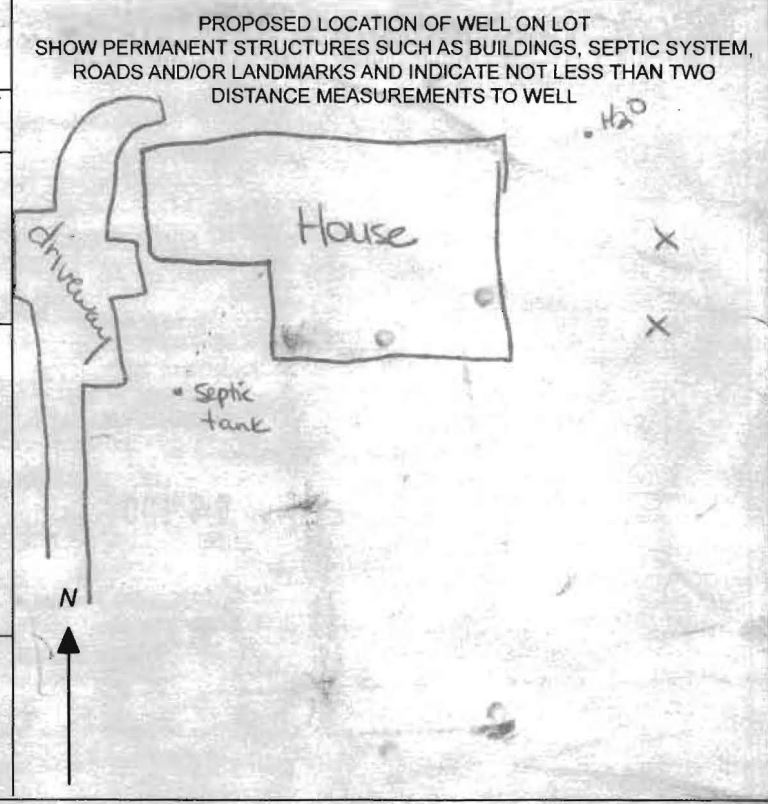
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ **G** _____

PERMIT No. **40-95-2604**

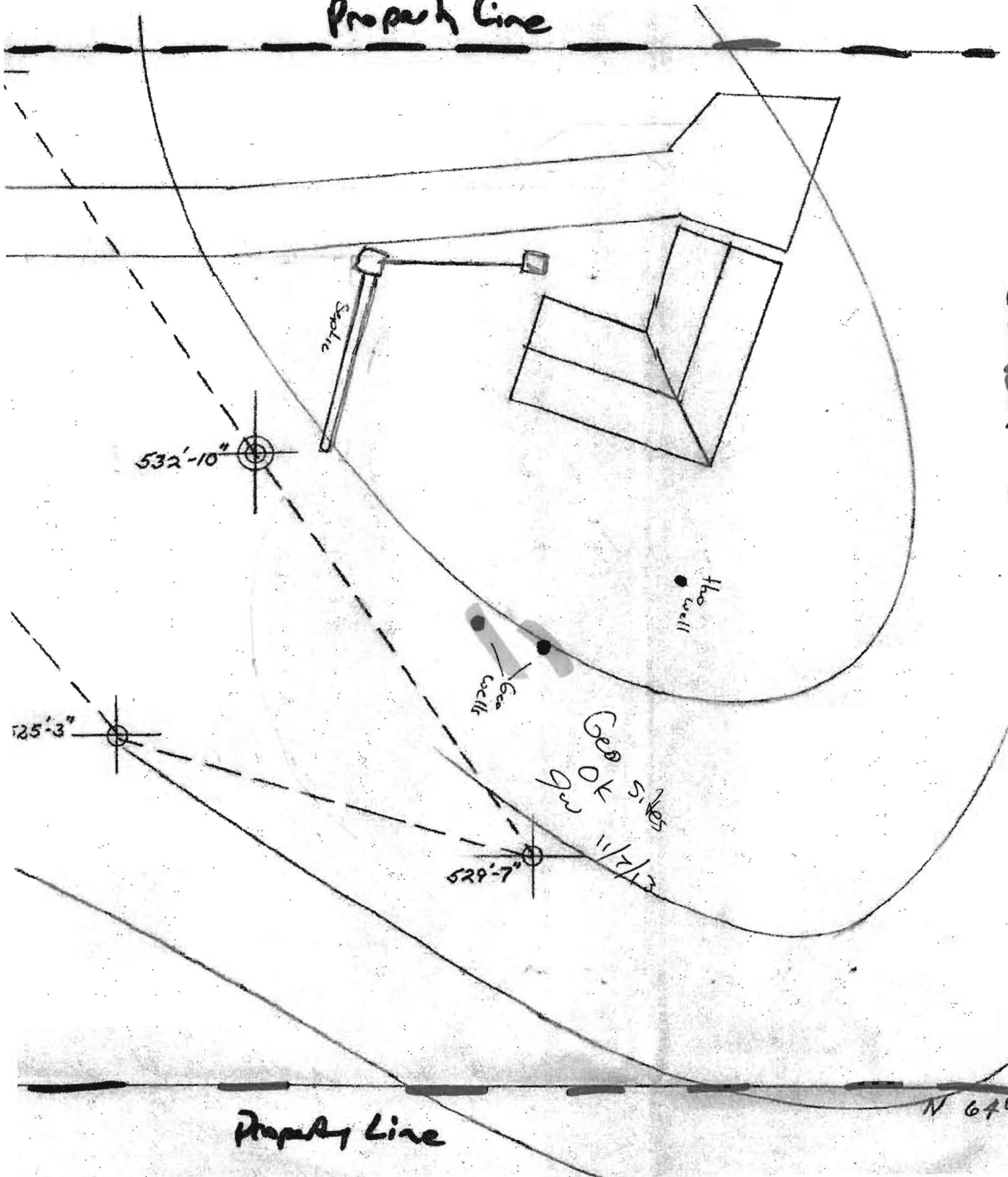
70 71 72 73 74 75 76 77 78 79



SPECIAL CONDITIONS **Grout leachholes from top to bottom.**

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

Property Line

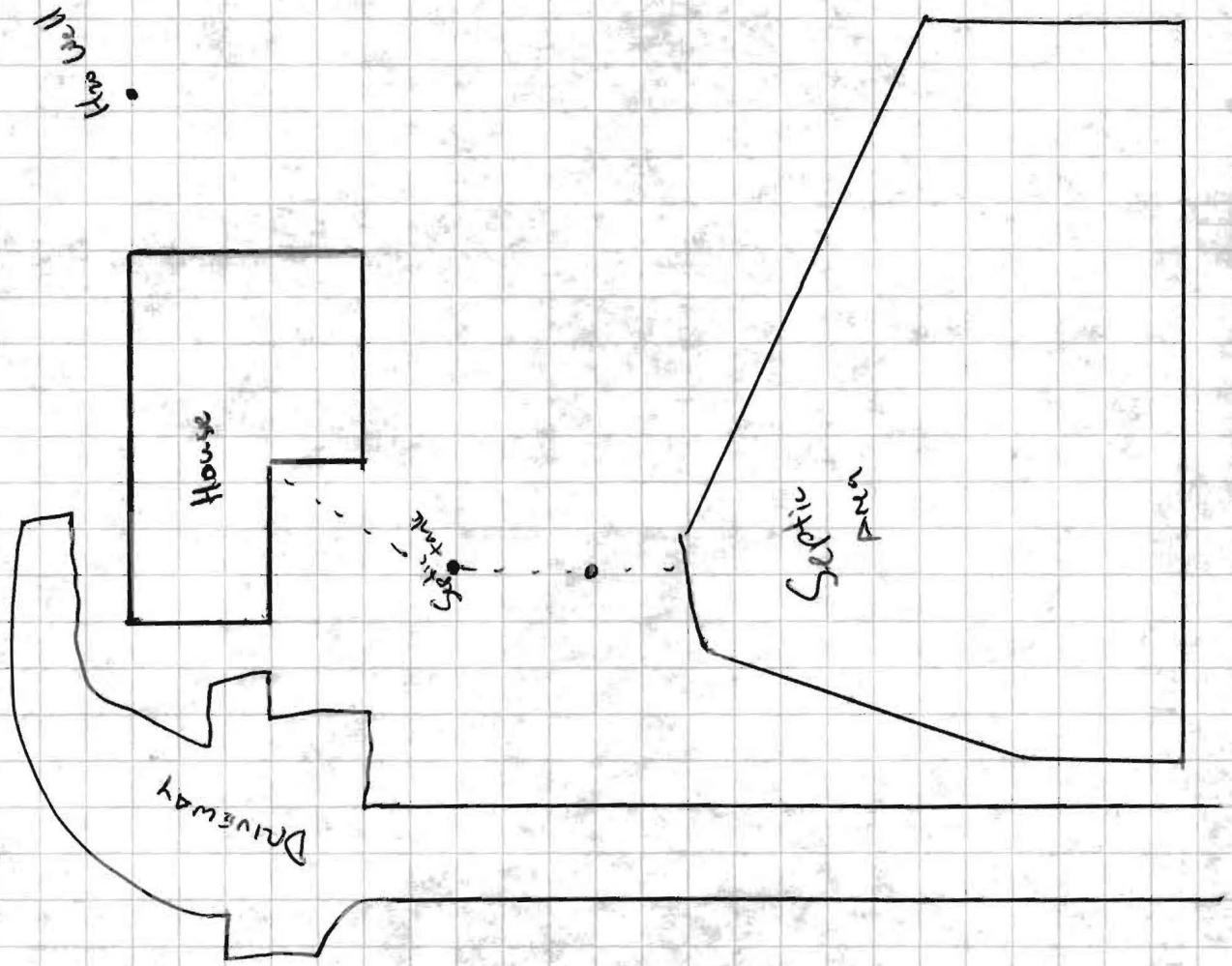


Scale: 1" = 30'

Property Line

N 640

Scale: 1" = 30ft



Scale: 1" = 30'

525'

530'

Property line

N 64° 48' 00" W 790.20

H20
Well

G2
Well

Seal
hook
clever

529'-7"

532'-10"

525'-3"

