

C1 64915

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 Received

DATE WELL COMPLETED

Depth of Well 340

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-18-0127

OWNER Ebel, Hapi James, WELL SITE ADDRESS 7342 Broadcloth way, TOWN Columbia, SUBDIVISION Lot 35, 275A 2542 Broadcloth way, SECTION, LOT 315

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Silt, and grey schist.

GRROUTING RECORD form with fields for YES/NO, TYPE OF GRROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for casing types (STEEL, CONCRETE, PLASTIC, OTHER), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type (STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER), screen type or open hole.

WELL HYDROFRACTURED, CIRCLE APPROPRIATE LETTER (A, E, P), I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04.

DEPTH (nearest ft.) table with rows for ACCHSREN and columns for slot size, diameter of screen.

DRILLERS LIC. NO. MWD 587, DRILLERS SIGNATURE, LIC. NO. JWD 411, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework).

GRAVEL PACK IF WELL DRILLED, MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER), TELESCOPE CASING, LOG INDICATOR, OTHER DATA.

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT.

LATITUDE 39.162771, LONGITUDE 76.871083, (DEFAULT COORD. WGS 84), Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04.

C1 64976

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE TYPE

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

COUNTY NUMBER

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

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

MM DD YY 03 05 20

22 340 26

140-18-0127

OWNER Ebeid, Han, James M. WELL SITE ADDRESS 42 Broadcloth way TOWN Columbia SUBDIVISION Lot 45 23A 7542 Broadcloth way SECTION LOT 315

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Top Soil, Brown silt grey schist, 30-340.

GROUTING RECORD form with fields: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS (14), NO. OF POUNDS (700), GALLONS OF WATER (266), DEPTH OF GROUT SEAL (340).

CASING RECORD form with fields: casing types (ST, CO, PL, OT), MAIN CASING TYPE (DL), Nominal diameter (6), Total depth (45).

OTHER CASING (if used) form with fields: diameter, depth.

SCREEN RECORD form with fields: screen type (ST, BR, HO, PL, OT), DEPTH (43, 340).

NUMBER OF UNSUCCESSFUL WELLS (8), WELL HYDROFRACTURED (Y/N).

CIRCLE APPROPRIATE LETTER (A, E, P) for well status.

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"...

DRILLERS LIC. NO. 1 MWD 587, Stephen DeFaria

LIC. NO. 1 SVD 411

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

DEPTH (nearest ft.) table with rows for casing heights and slot sizes.

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

PUMPING TEST form with fields: HOURS PUMPED (N/A), PUMPING RATE (N/A), WATER LEVEL (N/A), TYPE OF PUMP USED (A, P, T, C, R, O, J, S).

PUMP INSTALLED form with fields: DRILLER INSTALLED PUMP (YES/NO), TYPE OF PUMP INSTALLED (N/A), CAPACITY: GALLONS PER MINUTE (N/A), PUMP HORSE POWER (N/A), PUMP COLUMN LENGTH (N/A), CASING HEIGHT (3).

LATITUDE 39.162709 LONGITUDE 78.871064 (DEFAULT COORD. WGS 84)

Pursuant to §10-624 of the State Govt. Article of the Maryland Code personal info. requested on this form is used in processing this form pursuant to COMAR 26.04.04.

TAG 315/2019

B 1 :65147

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO -18 -0127

Sld 454 please type

fill in this form completely

1 2 3 6

**B 3** LOCATION OF WELL

8 COUNTY Howard 21

23 SUBDIVISION Lot 315 .275A 7542 Broadcloth Way Vill Kings 42

52 NEAREST TOWN Columbia 71

LOT 315

SECTION Columbia

**OWNER INFORMATION**

Date Received (APA) 11/21/19

8 MM DD YY 13

15 Last Name Epeid Owner Hani James M First Name 34

36 Street or RFD 7542 Broadcloth Way 55

57 Town Columbia 70 State Md. 72 Zip 21046 76

**DRILLER INFORMATION**

Driller's Name Stephen DeLoach 76 License No. MWD 587 81

Firm Name Connelly & Associates Inc.

Address 1518 Tilco Dr. Frederick, Md. 21704

Signature Stephen DeLoach Date 11-11-19

**B 4** SOURCES OF DRILLING WATER

1. Public

2.

3.

11 STREET ADDRESS 7542 Broadcloth Way 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 116 37

DISTANCE FROM ROAD ENTER 3 OR MI FT 38 39

TAX MAP 0042 BLK: \_\_\_\_\_ PARCEL 0062

**B 2** WELL INFORMATION

1 2 APPROX. PUMPING RATE (GAL. PER MIN.) N/A 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) N/A 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 geo bores) ✓

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

COUNTY NAME Howard COUNTY NO. 13

STATE SIGNATURE \_\_\_\_\_ INSERT S →

DATE ISSUED 11/25/19 43 MM DD YY 48

CO SIGNATURE [Signature] EXP. DATE 11/25/19

APPROXIMATE DEPTH OF WELL 340' FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST

**METHOD OF DRILLING (circle one)**

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)

37 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

39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS

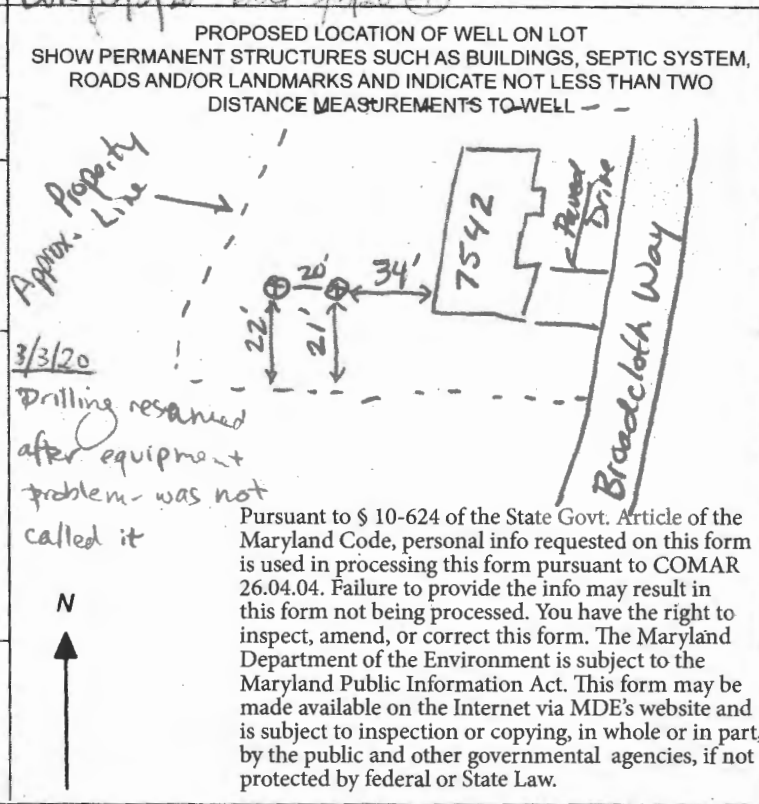
THIS WELL WILL DEEPEEN AN EXISTING WELL

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. HO -18 -0127 70 71 72 73 74 75 76 77 78 79



**SPECIAL CONDITIONS**

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED- grout bores from bottom to top

1" = 20'

286

307.04

288

80.87'

315  
11,964 sq

576°50'31"E

3/4

**RECEIVED**  
**NOV 12 2019**  
 HOWARD COUNTY HEALTH DEPT.  
 COMMUNITY HYGIENE PROGRAM

Well sites ok  
 H- 11/25/19  
 Field verified Stakes

H0-18-0127

945  
 FCY=302.19  
 FF=301.57  
 B=29327

House A-3  
 #7542  
 FCY=301.46  
 FF=300.80  
 B=29263

OPT DECK

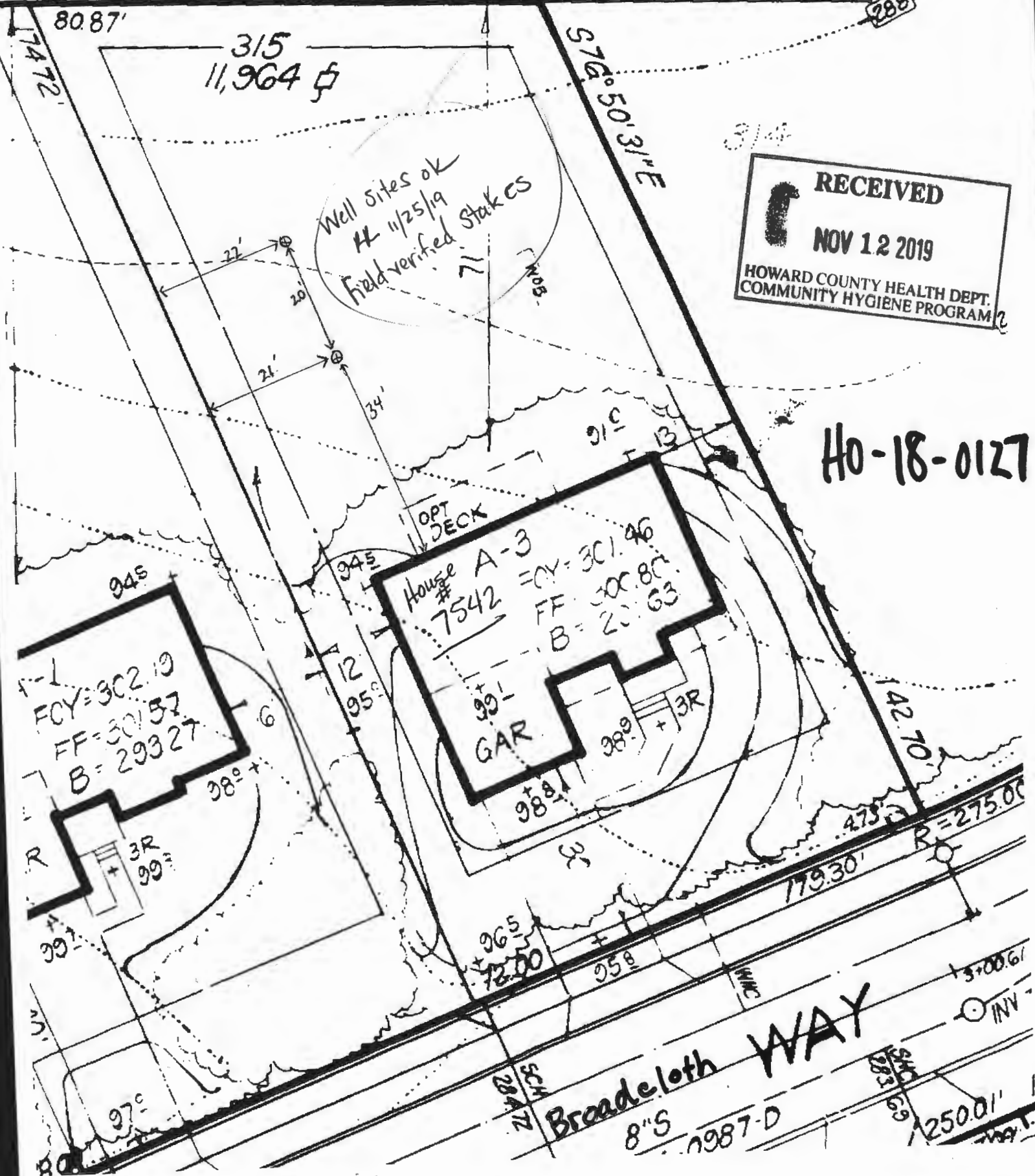
GAR

3R

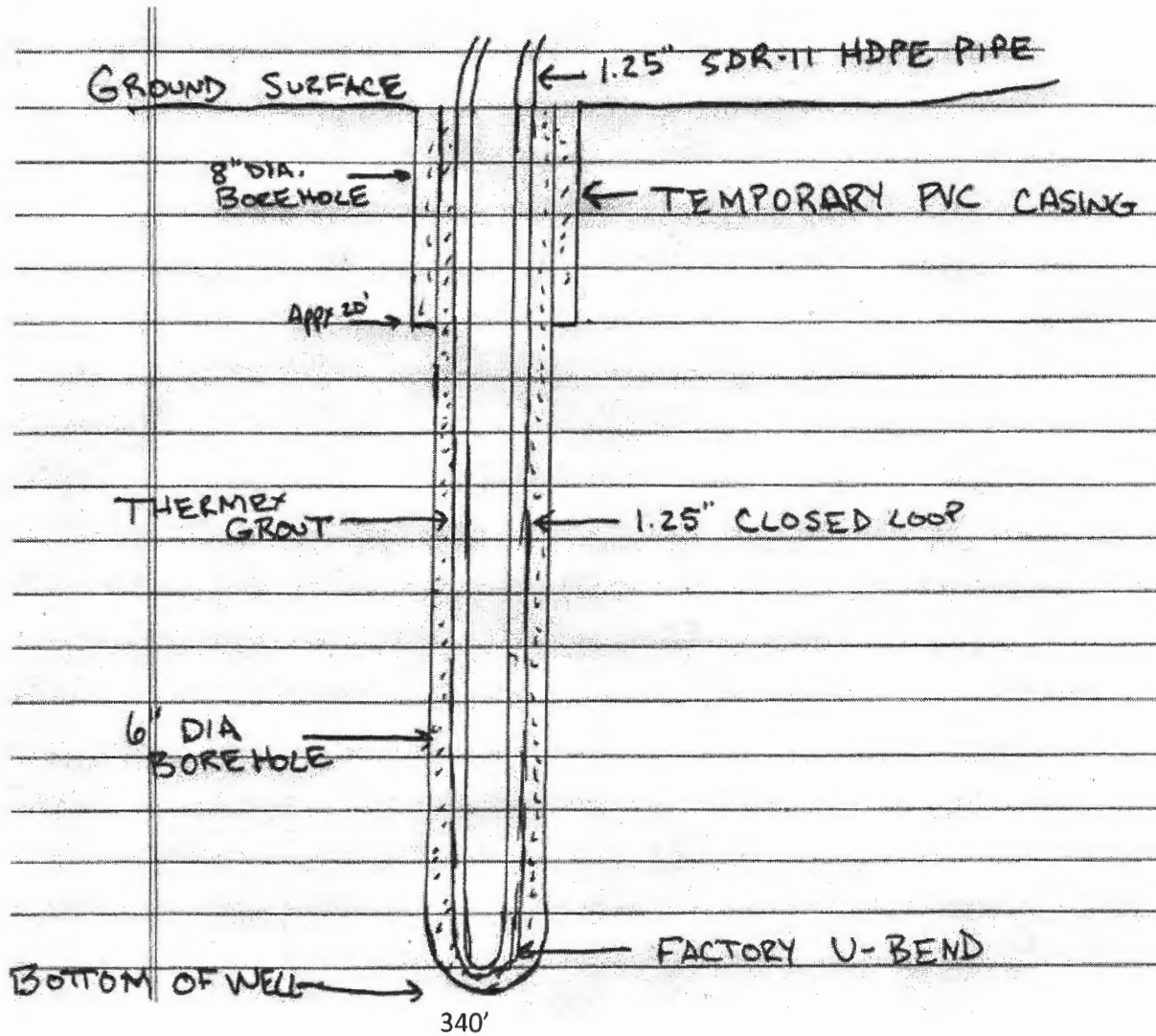
179.30'  
 R=275.00'

**Broadcloth WAY**  
 8" S 0987-D

250.01'



Edeid Residence: 7542 Broadcloth Way Columbia: Geothermal Closed Loop



Grout information for this property is as follows:

Thermex grout mixture of 50 lb. grout to 19 gallons water, placed in the well using the tremie method, from bottom to top.



# HOWARD COUNTY HEALTH DEPARTMENT

66454

DATE 10/12/19

WS

Received From

Stephen Delosh

PHONE #

240-367-7920

For

Well Permit 17542

CASH

CHECK

in cash for my

NO.

CC

One hundred seventy

Dollars

\$

100.00

Received By

J King