

3094

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL W530265 please type

STATE PERMIT NUMBER H0-95-1724 fill in this form completely

OWNER INFORMATION: Robert E. Barney, 4706 Woodland Rd, Ellisatt City, Md 21042

LOCATION OF WELL: Howard, Howard County, MD, Section 44, Lot 3, Nearest Town: Ellisatt City

DRILLER INFORMATION: Michael Arnette, M S D 106, Allied Environmental Services, 1242 Millersville Rd, 21108

4706 Woodland Rd, Near What Road, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD 30 FT, TAX MAP: 30 BLK: 9 PARCEL: 358

WELL INFORMATION: APPROX. PUMPING RATE 8 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 14 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX): [G] GEO-THERMAL 1 Closed Loop

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL: Howard County, MD, DATE ISSUED 12/31/08, CO SIGNATURE, EXP. DATE 12/31/09

APPROXIMATE DEPTH OF WELL 450 FEET, APPROXIMATE DIAMETER OF WELL 2 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER: Driller Well, WRITE THE BOX NUMBER FROM THE MAP HERE: E 8402, N 5103

METHOD OF DRILLING (circle one): ROTARY (Hydraulic Rotary)

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX): [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL

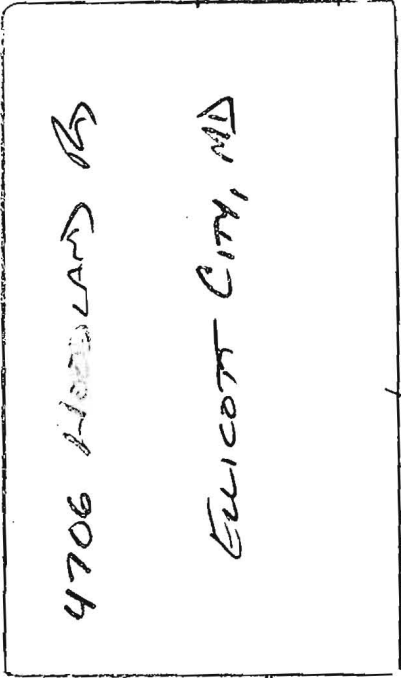
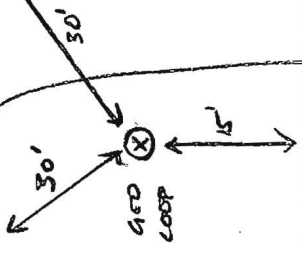
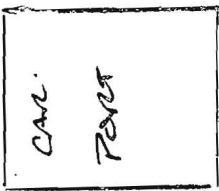
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION: Sketch showing Woodland Rd and Old Annapolis Rd intersection.

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED IF AVAILABLE: 41, Not to be filled in by driller (MDE OR COUNTY USE ONLY), APPROP. PERMIT NUMBER: G, PERMIT No. H0-95-1724

SPECIAL CONDITIONS

WOODS

PROP LINE



WOODLAND RD

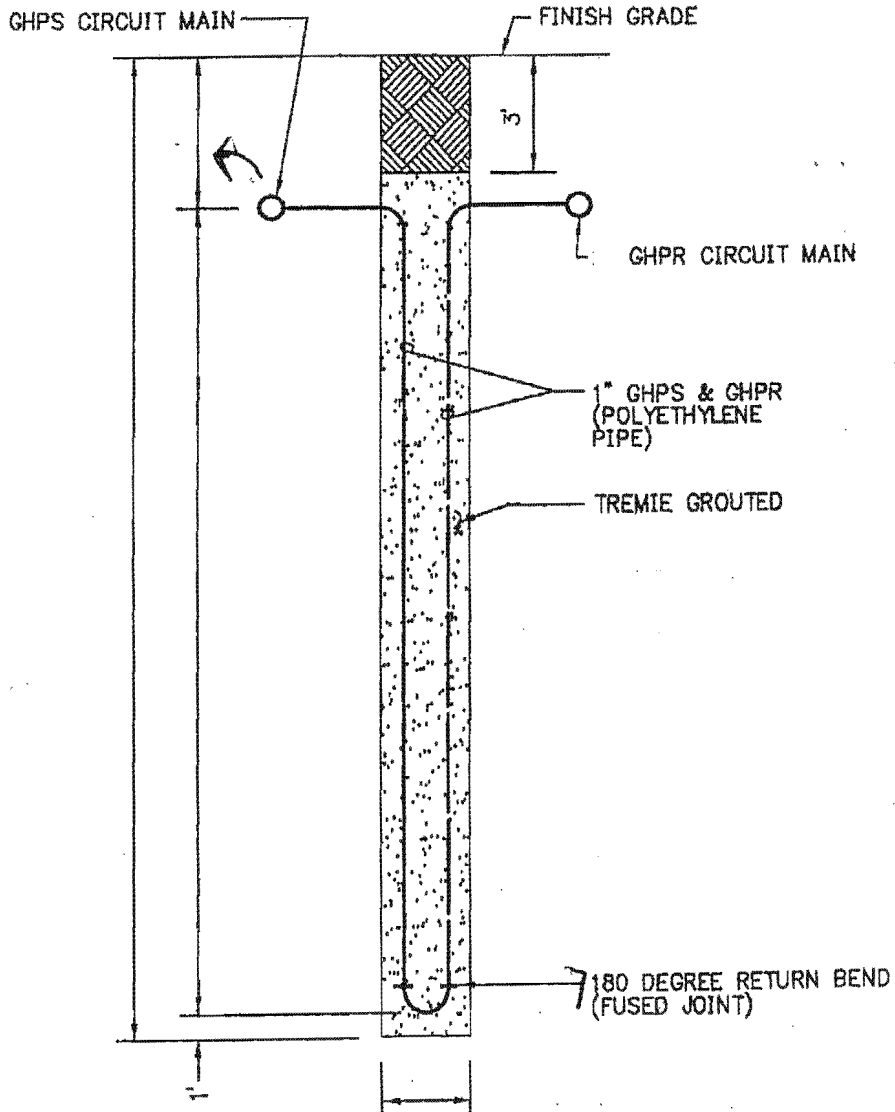
City Sewer

PROP LINE

DETAIL $\frac{1}{MO.1}$

TYPICAL GHPS/GHPR CIRCUIT MAINS BELOW GRADE

NOT TO SCALE



DETAIL $\frac{2}{MO.1}$

TYPICAL VERTICAL BOREHOLE

NOT TO SCALE

GROUTED WITH BENTONITE CLAY FROM BOTTOM OF CASING TO TOP OF SURFACE