

B 1 6643

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER 110 - 95 - 0003

522414 please type

Date Received (APA) 04 20 05

OWNER INFORMATION

Anglemeyer Jim 13107 Claxton Drive Laurel MD 20708

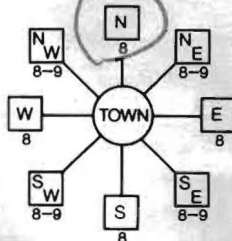
B 3 LOCATION OF WELL

Howard COUNTY Anglemeyer Property SECTION 44 46 LOT 1 50 FULTON 52 NEAREST TOWN 71 MILES FROM TOWN 2 MI

DRILLER INFORMATION

Michael Isom M S D 62 Driller's Name License No. G Edgar Assoc Sons corp 2047 Falls Rd Cockeysville 21030 4-19-05

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



7039 Pindell School Rd NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH 34 300 37 DISTANCE FROM ROAD FT ENTER FT OR MI 38 39 TAX MAP: 41 BLK: 3 PARCEL 147

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 0 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 0

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, DEWATERING
P PUBLIC WATER SUPPLY WELL
T TEST, OBSERVATION, MONITORING
G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME AS19615A COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 5/31/05 CO SIGNATURE EXP. DATE 5/31/06

APPROXIMATE DEPTH OF WELL 225 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST TOWN

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTARY DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

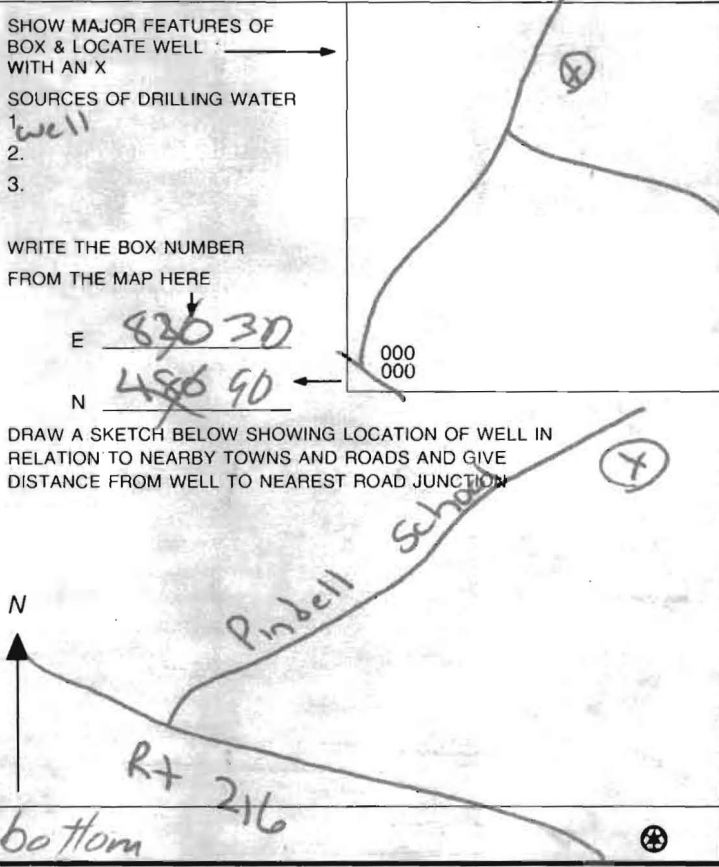
N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO 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. HO 95 0003

SPECIAL CONDITIONS

Grant. top to bottom



C1 6559

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

1519615A

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

MM DD YY

MM DD YY

(TO NEAREST FOOT)

HO-98-0003

OWNER: Anshuman Punj... STREET OR RFD: 7039 Pindell School Rd... TOWN: Fulton... SUBDIVISION: Anshuman Property... SECTION: 44/3/147... LOT: 1

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: Overburden (0-30), Gray Rock (30-225).

GROUTING RECORD

WELL HAS BEEN GROUTED (Y N) TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC) NO. OF BAGS 20 NO. OF POUNDS 1000 GALLONS OF WATER 500 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 225 ft.

CASING RECORD

MAIN CASING TYPE: None. Nominal diameter top (main) casing (nearest inch): 60-61. Total depth of main casing (nearest foot): 70.

OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD

screen type or open hole: insert appropriate code below. Options: ST (Steel), BR (Brass), PL (Plastic), HO (Open Hole), OT (Other).

Table with columns: A C H S R E N, DEPTH (nearest ft.), DIAMETER OF SCREEN (NEAREST INCH). Includes slot size and gravel pack information.

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 8 9. PUMPING RATE (gal. per min.) 11 15. METHOD USED TO MEASURE PUMPING RATE. WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test): A (air), P (piston), T (turbine), C (centrifugal), R (rotary), O (other), J (jet), S (submersible).

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35. PUMP HORSE POWER 37 41. PUMP COLUMN LENGTH (nearest ft.) 43 47. CASING HEIGHT (circle appropriate box and enter casing height) above/below LAND SURFACE (nearest foot) 49 51.

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). Hole 1 on plat.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: Y (yes), N (no)

CIRCLE APPROPRIATE LETTER: A (well abandoned and sealed), 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 SD 1162

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. JS D 048

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

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

C1 6564

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

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER Anglemeyer Jim STREET OR RFD 7039 Pindell School Rd TOWN Fulton SUBDIVISION Anglemeyer Property SECTION LOT

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, FEET (FROM, TO), check if water bearing. Includes entries for Overburden and 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 (None) Nominal diameter top (main) casing, 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 (insert appropriate code below) SCREEN RECORD (ST, BR, HO, PL, OT)

DEPTH (nearest ft.)

Table for DEPTH (nearest ft.) with columns: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 15, 17, 21, 23, 24, 26, 30, 32, 36, 38, 39, 41, 45, 47, 51

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) NA PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP YES NO (CIRCLE) (YES or 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) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (nearest ft.) 43 47 CASING HEIGHT (circle appropriate box and enter casing height) + above, - below LAND SURFACE (nearest foot) 50 51

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)

Hole 6 on plat

DRILLERS LIC. NO. MSD 162 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. JS D048 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

330

VIVING WALL

ELECTRIC METER

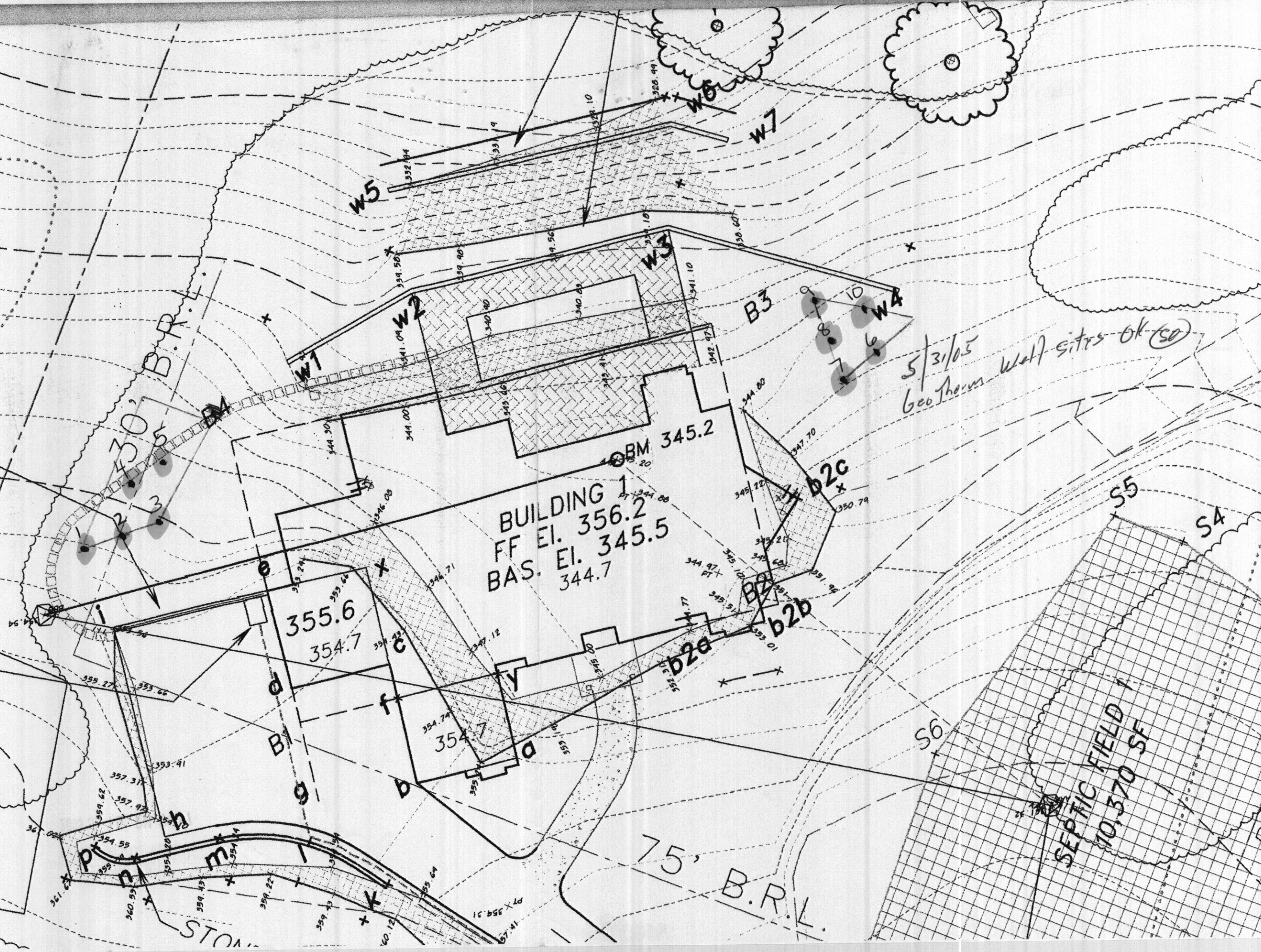
WELL 1

130' B.R.

STON

75' B.R.L.

SEPTIC FIELD 1
10,370 SF



5/31/05
GeoTherm Well sites OK (SD)

330

VIVING WALL

ELECTRIC METER

WELL 1

30' B.R.K.

75' B.R.K.

SEPTIC FIELD 1
10,370 SF

BUILDING 1
FF EI. 356.2
BAS. EI. 345.5
344.7

5/31/05
Geo. Thayer well site plan

