

C1 8684

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER 13 A524107

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well 22 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" No-95-1096

OWNER Bates last name Blount Jr. first name Bruce TOWN Fulton SUBDIVISION Beaufort Park SECTION LOT P. 53

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 FROM TO check if water bearing

GROUTING RECORD yes no WELLS HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot)

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below ST BR HO PL OT

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED yes no

- CIRCLE APPROPRIATE LETTER 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 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M D DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. D

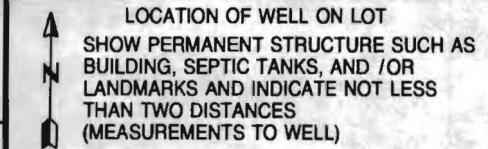
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

C2 DEPTH (nearest ft.) 1 2 8 9 11 15 17 21 23 24 26 30 32 36 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to 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

C3 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 (describe below) 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 } LAND SURFACE - below } (nearest foot)



C1 8684

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 13 A 524107

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE Received MM DD YY

8 13

DATE WELL COMPLETED MM DD YY

15 20

Depth of Well

22 26

(TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

H0-95-1096

28 29 30 31 32 33 34 35 36 37

OWNER Bates Bruce STREET OR RFD Blount Ln. TOWN Fulton SUBDIVISION Beaufort Park SECTION LOT P. 53

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 FROM TO

check if water bearing

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)

yes no Y N 44 44

TYPE OF GROUTING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS

GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot)

from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST CO PL OT STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch)! Total depth of main casing (nearest foot)

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

SCREEN RECORD

screen type or open hole insert appropriate code below

ST BR HO PL OT STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

DEPTH (nearest ft.)

E 1 8 9 11 15 17 21 A 2 23 24 26 30 32 36 S 3 38 39 41 45 47 51 R E E N SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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

70 72 TELESCOPE CASING LOG INDICATOR OTHER DATA 74 75 76

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 (describe below) J jet S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) 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) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE - below (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)

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED yes no Y N

CIRCLE APPROPRIATE LETTER

- 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 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. M D

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. D

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

C1 8684

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 13 A 524107

1 2 3 8 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY

DATE RECEIVED MM DD YY 8 13

DATE WELL COMPLETED MM DD YY 15 20

DEPTH OF WELL 22 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-1096

OWNER Bates Bruce STREET OR RFD last name first name TOWN Fulton SUBDIVISION Beaufort Park SECTION LOT P. 53

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 FROM TO check if water bearing

Table with 3 columns: DESCRIPTION, FEET (FROM, TO), and check if water bearing. The table is mostly empty.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC

NO. OF BAGS NO. OF POUNDS GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 54 BOTTOM 58 ft.

CASING RECORD

Diagram showing casing types: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

MAIN CASING TYPE Nominal diameter top (main) casing Total depth of main casing

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

SCREEN RECORD

Diagram showing screen types: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

DEPTH (nearest ft.)

Table with 3 columns: E A C H S R E E N, 8 9 11 15 17 21, 23 24 26 30 32 36, 38 39 41 45 47 51

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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

70 TELESCOPE CASING 72 LOG INDICATOR 74 75 76 OTHER DATA

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.

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PUMP INSTALLED

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PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE (nearest foot) - below 49 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)

NUMBER OF UNSUCCESSFUL WELLS:

WELL HYDROFRACTURED yes Y no N

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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DRILLERS LIC. NO. 1 M D

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 D

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

C1 8684

SEQUENCE NO. (MDE USE ONLY)

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COUNTY NUMBER 13 A 524107

1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20

22 26 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37

OWNER Bates Bruce STREET OR RFD last name first name TOWN Fulton SUBDIVISION Contact Peak SECTION LOT 2 53

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

GROUTING RECORD yes no WELLS HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS NO. OF POUNDS GALLONS OF WATER DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD screen type or open hole insert appropriate code below (ST) (BR) (HO) (PL) (OT)

PUMPING TEST C 3 1 2 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 (describe below) 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 LAND SURFACE (-) below (nearest foot) 49 50 51

NUMBER OF UNSUCCESSFUL WELLS: WELL HYDROFRACTURED yes no (Y) (N)

CIRCLE APPROPRIATE LETTER 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 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. 1 M D DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

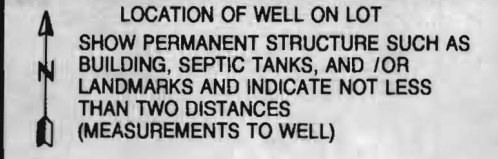
DEPTH (nearest ft.) C 2 1 2 E 1 8 9 11 15 17 21 C 2 H 23 24 26 30 32 36 S 3 R 38 39 41 45 47 51 E N SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

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

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

70 72 TELESCOPE CASING LOG INDICATOR OTHER DATA 74 75 76



C1 8684

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 13 A 524147

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE Received MM DD YY

DATE WELL COMPLETED MM DD YY

Depth of Well 22 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 10-95-1096

OWNER, STREET OR RFD, SUBDIVISION, 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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing

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 casing types insert appropriate code below, MAIN CASING TYPE, Nominal diameter top (main) casing, Total depth of main casing

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

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

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

CIRCLE APPROPRIATE LETTER 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 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., DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), LIC. NO.

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

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

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 (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), PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height), LAND SURFACE (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)

B 1 5849

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 526255

STATE PERMIT NUMBER

HO-95-1096 fill in this form completely

Date Received (APA) 2/27/07

OWNER INFORMATION

Bates, Bruce Owner First Name 34
13060 Wainwright Rd. Street or BFD 55
Highland, Md. 20777 Town 70 State 72 Zip 76

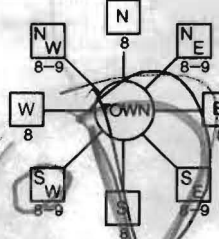
LOCATION OF WELL

Howard COUNTY 8 21
Beaufort Park SUBDIVISION 23 42
SECTION 44 46 LOT 3 48 50
Fulton NEAREST TOWN 52 71
MILES FROM TOWN (enter 0 if in town) 5 M I 70 76 77 78

DRILLER INFORMATION

Allen Compton MS D 009 Driller's Name 76 License No. 81
Fogles Well Drilling Firm Name
580 Obrecht Rd Address
Signature Date 2-19-07

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

8522 Blounts Lane NEAR WHAT ROAD 11 30
570 FT DISTANCE FROM ROAD 34 37
ENTER FT OR MI 38 39
TAX MAP: 45 BLK: 2 PARCEL 26

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 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
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 524107 COUNTY NO.
STATE SIGNATURE INSERT S 41
DATE ISSUED 2/24/07
CO SIGNATURE EXP. DATE 2/24/07
NORTH GRID 474 000 EAST GRID 0816 000
50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH 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

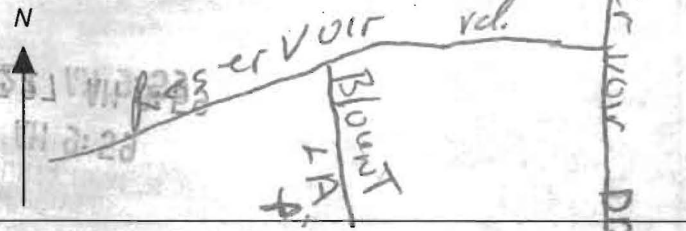
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8106
N 4704

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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 HO-95-0229-52

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

APPROX. PERMIT NUMBER G
PERMIT No. HO-95-1096

SPECIAL CONDITIONS STIMULTANEOUS YIELDS TO BE PERFORMED ON WELLS

B 1 5849

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

526255

please type

40-95-1096 fill in this form completely 79

Date Received (APA) 2/22/07

OWNER INFORMATION

8 MM DD YY 13 Bales, Bruce 15 Last Name Owner First Name 34 36 Street or PFD 13060 Wainwright Rd. 55 Highland, Md 20777 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

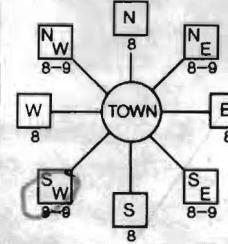
8 COUNTY Howard 21 23 SUBDIVISION Benfort Park 42 SECTION 44 46 LOT 3 48 50 52 NEAREST TOWN Freeton 71 MILES FROM TOWN (enter 0 if in town) 5 MI 73 76 77 78

DRILLER INFORMATION

Allen Compton MS D 009 76 Driller's Name License No. 81 Firm Name Eagles Well Drilling Address 580 Obrecht Rd Signature Date 2-19-07

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



8522 Blounts Lane 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH WEST EAST 34 570 37 DISTANCE FROM ROAD FT 38 39 ENTER FT OR MI TAX MAP: 45 BLK: 12 PARCEL 26

B 2 WELL INFORMATION APPROX. PUMPING RATE 5 GAL. PER MIN. 8 12 AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY 14 20

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 (13) A 524107 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 4/24/07 43 MM DD YY 48 CO SIGNATURE EXP. DATE NORTH GRID 474 000 EAST GRID 0816 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary) 30 37 CABLE REVerse-ROTary DRive-POINT other

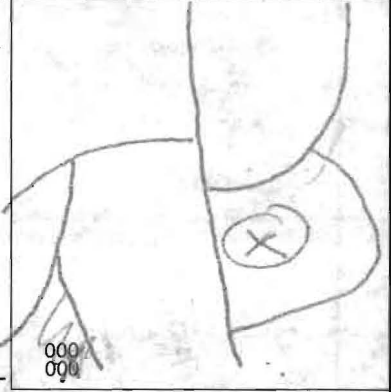
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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-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 40-95-0329 52

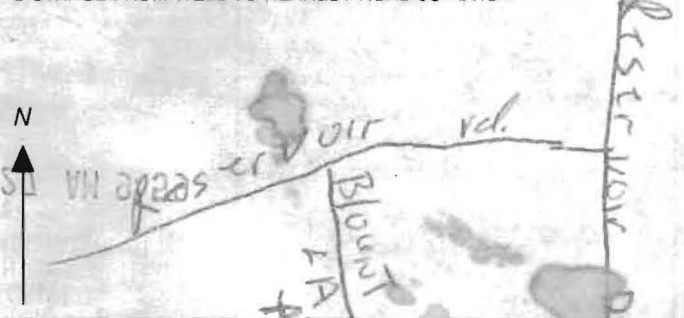
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 8106 N 4704



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



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

APPROP. PERMIT NUMBER G PERMIT No. 40-95-1096 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

ST. ALTHANEOUS YIELDS TO BE PERFORMED ON WELLS

C1 5240

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED MM DD YY

DATE WELL COMPLETED MM DD YY

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER: Bates Bruce; STREET OR RFD: Blounts Lane; TOWN: Fulton; SUBDIVISION: Beaufort Park; SECTION: ; LOT: ;

WELL LOG Not required for driven wells

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)

C 3

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

TYPE OF GROUTING MATERIAL (Circle one)

PUMPING TEST

DESCRIPTION (Use additional sheets if needed)

CEMENT C M BENTONITE CLAY B C

HOURS PUMPED (nearest hour) 4

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows: Overburden (0-15), Gray Rock (15-380), Soft Gray Rock (380-450), Gray Rock (450-600).

NO. OF BAGS 6 NO. OF POUNDS 600; GALLONS OF WATER 36; DEPTH OF GROUT SEAL (to nearest foot) from 0 to 20 ft.

PUMPING RATE (gal. per min.) 34; METHOD USED TO MEASURE PUMPING RATE Submersible

water at 420 & 485'

CASING RECORD casing types insert appropriate code below; MAIN CASING TYPE PL 6 20

WATER LEVEL (distance from land surface) BEFORE PUMPING 79 ft. WHEN PUMPING 254 ft.

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

SCREEN RECORD screen type or open hole insert appropriate code below; ST BR HO PL OT

TYPE OF PUMP USED (for test) S submersible

NUMBER OF UNSUCCESSFUL WELLS: 0

DEPTH (nearest ft.) 20 600

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) YES NO

WELL HYDROFRACTURED YES NO Y N

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

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

PUMP HORSE POWER 37 41

ELECTRIC LOG OBTAINED TEST WELL CONVERTED TO PRODUCTION WELL

GASING HEIGHT (circle appropriate box and enter casing height) + above - below

LAND SURFACE (nearest foot) 1

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

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)

DRILLERS LIC. NO. MSD 162

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

18' 12'

RECEIVED
SUNY ALBANY
DEPARTMENT OF ENVIRONMENTAL HEALTH AND SAFETY

2007 NY -4 AM 7:55

12/12/07
yield
Test
shows
0.346PM
5 (50)

HARR WELL DRILLING

12047 FALLS ROAD
COCKEYSVILLE, MD 21030
410-252-4588

HOWARD COUNTY YIELD TEST REPORT

Date Test Performed: 7-26-06
Address: Blounts Lane
Owner Name: Bruce Bates
Well Depth: 600 Ft

Permit Number:
Subdivision: #1 well
Election District:
Static Water Level: 79 Ft

Time	Water Level	PSI Existing Pump	Pumping Rate Seconds to fill 1 gallon bucket	Calculated Flow-Gallons Per Minute
0830	79 ft		4 sec	15.00
0845	70		4	15.00
0900	243		5	12.00
0915	245		120	0.50
0930	246		90	0.66
0945	246		90	0.66
1000	249		107	0.56
1015	249		107	0.56
1030	250		135	0.44
1045	250		135	0.44
1100	250		135	0.44
1115	251		138	0.43
1130	252		140	0.42
1145	252		144	0.41
1200	253		144	0.41
1215	254		174	0.34

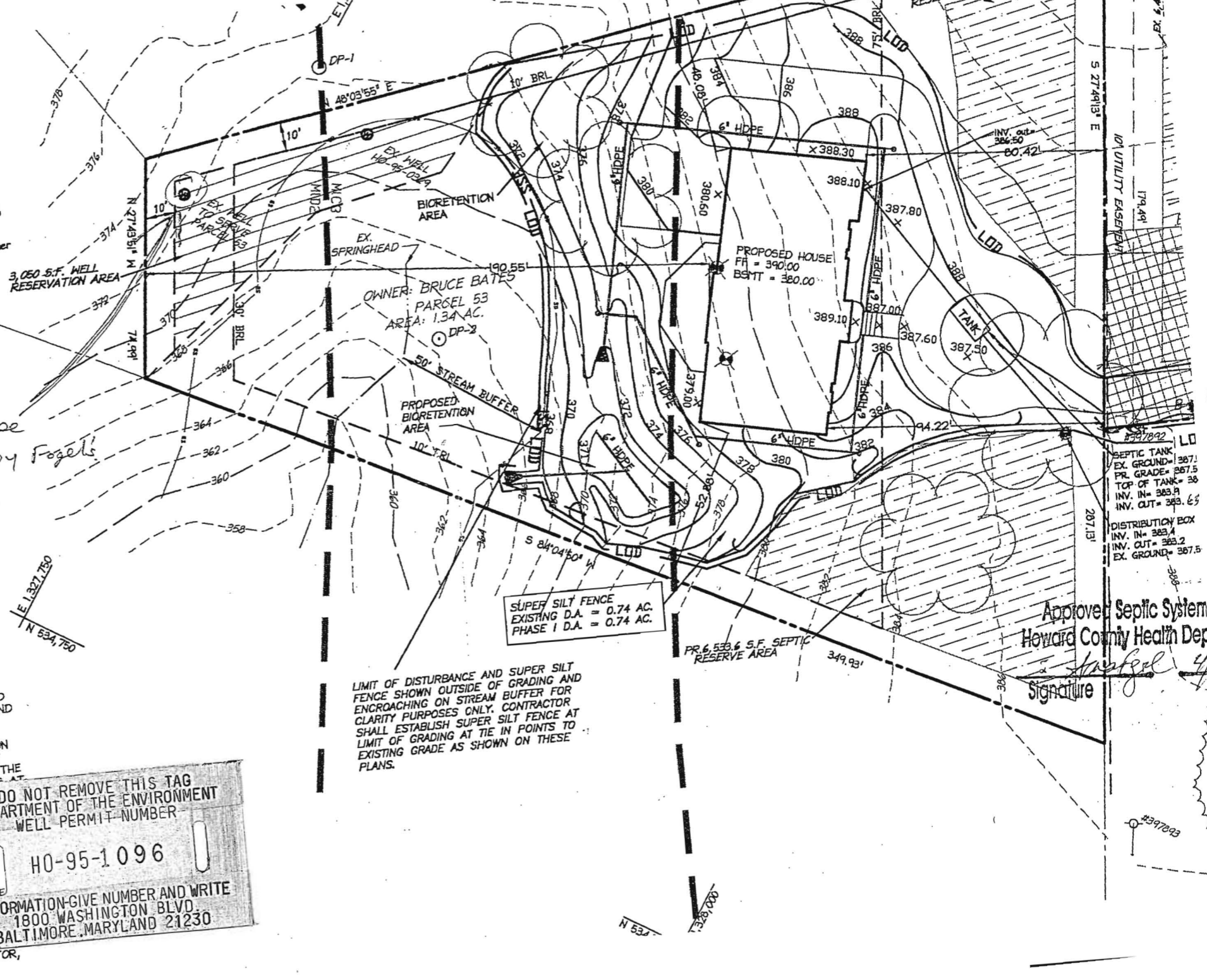
NEW REQUIREMENT, ALL HOUSE LOCATION DRAWINGS
 ED AFTER 7/14/03 ARE REQUIRED TO ALSO SHOW THE
 WELL(S) IDENTIFIED WITH THE ATTACHED WELL TAG
 RECORDED SEPTIC EASEMENT OR APPROVED SEWAGE

15 HOUSE WILL NOT BE SERVED BY GRAVITY.
 HOWN HEREON, TAGGED AND DENOTED AS HO-95-0329,
 christopher consultants IN AUGUST, 2006.

2 SERVE PARCEL 53 WAS FIELD LOCATED BY christopher
 IT 2006.

AND SUPER SILT FENCE SHOWN GRAPHICALLY FOR
 OF DISTURBANCE AND SUPER SILT FENCE SHALL BE
 ENT CONTROLS AND SHALL BE LOCATED ON THE

*Well to be
 Deepened by Fogels*



ITION:

R IS RESPONSIBLE FOR OBTAINING ALL REQUIRED
 GRADING PERMIT PRIOR TO COMMENCING ANY LAND
 S.

ONSTRUCTION MEETING SHALL BE CONDUCTED ON
 CTOR AND THE HOWARD COUNTY INSPECTOR AT
 TO THE START OF CONSTRUCTION. CONTACT THE
 RTMENT OF INSPECTION, LICENSES AND PERMITS AT
 DULE THIS PRECONSTRUCTION MEETING

R THE INSTALLATION OF PERIMETER SI
 UDING SUPER SILT FENCE AND THE ST
 CES. (2 DAYS)

VG THE SITE. (5 DAYS)

RUCTION, FINE GRADE THE LOT AND C
) DAYS)

JRBED AREAS. (3 DAYS)

OVAL FROM THE SEDIMENT CONTROL INSPECTOR,
 CONTROL DEVICES. (5 DAYS)

DO NOT REMOVE THIS TAG
 DEPARTMENT OF THE ENVIRONMENT
 WELL PERMIT NUMBER
 HO-95-1096
 INFORMATION-GIVE NUMBER AND WRITE
 1800 WASHINGTON BLVD.
 BALTIMORE, MARYLAND 21230

Approved Septic System
 Howard County Health Dep

[Signature]
 Signature

THIS EASEMENT

(For Well)

Made this 11th day of September, 2006, by and between Bruce E. Bates and Madelene S. Bates of the County of Howard, in the State of Maryland, hereinafter referred to as "GRANTOR"; and ~~Bruce E Bates~~ and ~~Madelene S Bates~~ hereinafter referred to as "GRANTEE".

WITNESSETH:

20
20
TR

That in the consideration of the sum of Ten Dollars (\$10.00) to the Grantor in hand paid by the Grantee, the receipt of which is hereby acknowledged, the said Grantor does hereby grant and convey unto the Grantee, its heirs and assigns, the easement and right-of-way hereinafter described for the installation, construction, maintenance, repair, operation, and inspection of a well and water line house connection within said easement and right-of-way, over, across and through property known as 1.350 Acres on Clarkson Drive, Fulton, MD 20759, Tax ID # 05-372712 as more particularly described as Parcel Two and recorded among the Land Records of Howard County, Maryland in Liber ~~10222~~ and Folio ~~316~~ by Deed in Trust, dated 24th day of August, 2006, by and between Edward B. Winston and Bruce E. Bates and his wife, Madelene S. Bates to serve improvements on property known as 8520 Blounts Lane, Fulton, MD 20759, as more particularly described as lot 3, in block G, Beaufort Park Subdivision Plat One, and recorded among the Land Records of Howard County, Maryland in Plat Book 10, Folio 08, together with the right of ingress and egress along and over the said easement and right-of-way, for any and all such purposes; the said right-of-way and easement being described as follows and further described in exhibit "A":

TO HAVE AND TO HOLD said easement and right-of-way for a well and water line house connection, above described or mentioned and hereby intended to be granted and conveyed, together with the rights, privileges, appurtenances, and advantages thereto belonging or appertaining, unto and to the only proper use, benefit and be hoof forever of the said Grantee, its heirs and assigns; AND the Grantor, for its heirs and assigns, covenants and agrees with the Grantee, its heir and assigns, as follows:

FIRST: That the Grantor will never erect nor permit to be erected any building or structure of any nature whatsoever within the above described easement and right-of-way, nor fill or excavate within the said right-of-way without the consent of the Grantee except such grading, excavating or structure as necessary to maintain the Grantor's own well and water line and except such grading, excavating or structure the Grantor may require to drill alternate wells within said easement and right-of-way in the event the Grantor's well should become inadequate, also excepting such grading, excavating or structure as required to install and maintain utility connections, the driveway and landscaping. Any damage to the Grantee's well and water line within the easement and right-of-way caused by Grantor while performing work as described in the above exceptions will be remedied by the Grantor in a professional manner as soon as practical.

SECOND: That the Grantee, its heirs and assigns, shall at all times have the right of ingress and egress over said easement and right-of-way for purpose of installing, constructing, maintaining, repairing, operating, and inspecting a well and alternate wells and water line house connection as may be required within the said easement and right-of-way, said ingress and egress to be along the line herein designated and along such other lines as the Grantor may designate. Any damage to the Grantor's well and water line, utility connections, driveway and lawn caused by Grantee while performing work described in the above easement-in-gross and right-of-way purpose, will be remedied by the Grantee in a professional manner as soon as practical including regrading, seeding, and pavement repair. However, the Grantee shall not be required to replace damaged trees and shrubs, Furthermore the Grantee will not be responsible for any maintenance in the easement and right-of-way except for maintenance of the Grantee's own well and water line house connection.

THIRD: That the Grantor w not hold the Grantee responsible for the level or condition of ground water and the Grantor will not be responsible to the Grantee for the level or condition of the ground water.

FORTH: That the Grantor will warrant specially said easement and right-of-way and will execute such further assurances thereof as may be requisite.

IN WITNESS WHEREOF, the Grantor has hereunto affixed its hand and seal the day and year first herein above written.

[Signature]

Witness

_____(Seal)

By [Signature] (Grantor)
BROCK E. BATES

[Signature]

Witness

_____(Seal)

By [Signature] (Grantor)
MADGWEN S. BATES

State of Maryland

County of Harri

IMP FD SURE \$	20.00
RECORDING FEE	20.00
TOTAL	40.00
Res# H002	Rcpt # 20001
MDR TLR	Blk # 2445
Sep 19, 2006	12:18 PM

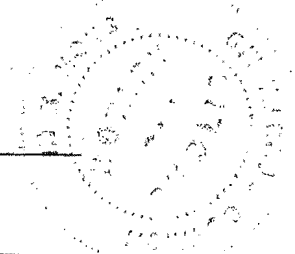
I HEREBY CERTIFY that on this 18 day of Sept, 2006, before me, the subscriber, a Notary Public of jurisdiction aforesaid, personally appeared [Signature] known to me (or satisfactorily proven) to be the person(s) whose name(s) subscribed to the within instrument and acknowledged that executed the same for the purposes therein contained.

WITNESS my hand and Notaries Seal

[Signature]

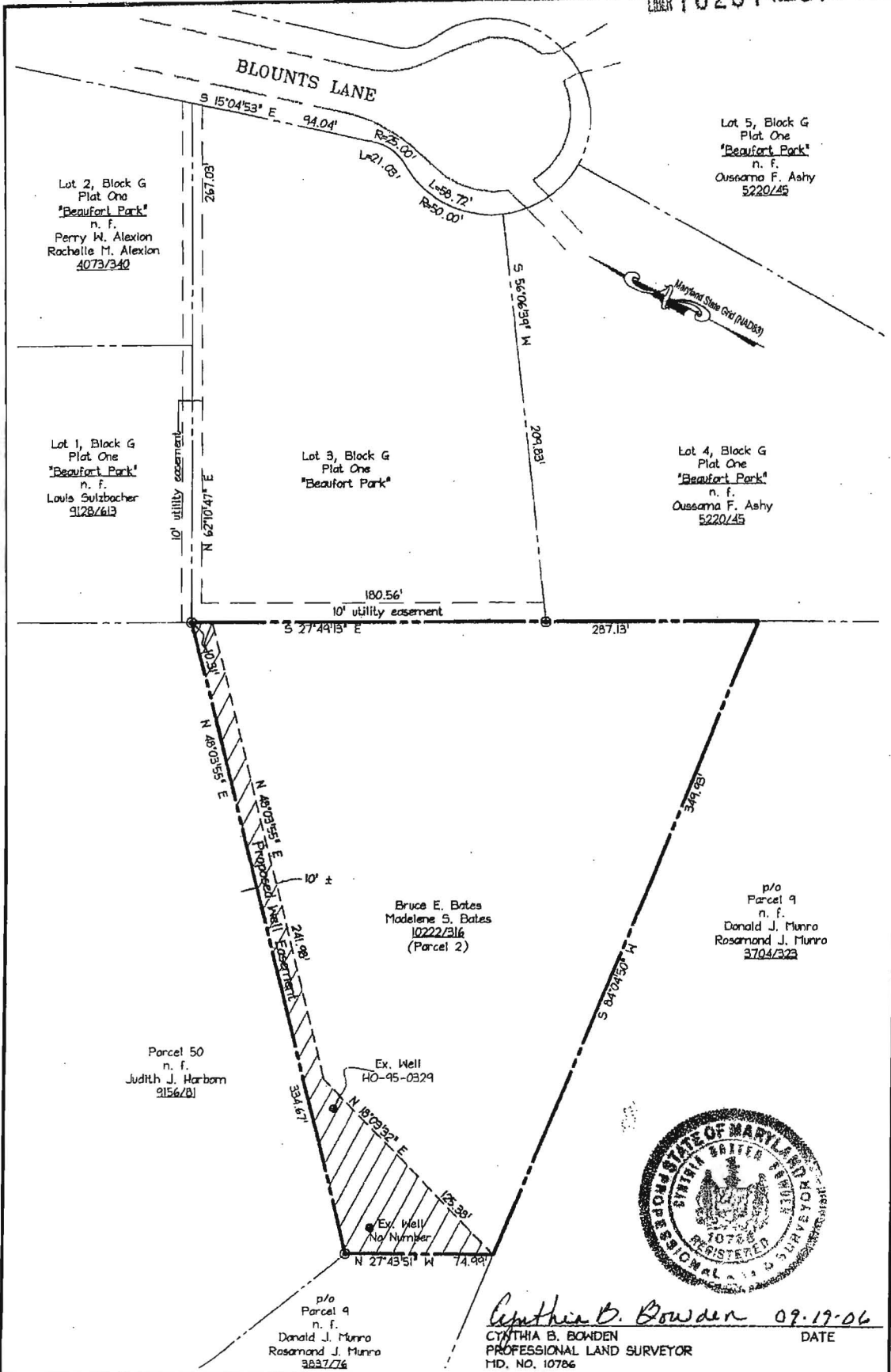

Notary Public

My Commission Expires: 2/19/08



NOTARIES SEAL:

IN K. HONG
Notary Public State of Maryland
My Commission Expires February 18, 2008

christopher consultants
 engineering · surveying · land planning
 christopher consultants, llc.
 7172 columbia gateway drive (suite 100) · columbia, md. 21046-8590
 410.572.8881 · fax 410.572.8833

**EXHIBIT A
 PROPOSED WELL EASEMENT
 FOR LOT 3, BLOCK G
 PLAT ONE
 "BEAUFORT PARK"
 615 ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND**

DRAWN: S. M. Landis
CHECKED: C. B. Bowden
DATE: September 18, 2005
CCL Job# 067701.00
SCALE: 1 inch = 80 feet
SHEET: 1 OF 1