



B 1 1904  
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
535250 please type

STATE PERMIT NUMBER  
H0 - 95 - 2155  
70 fill in this form completely 79

Date Received (APA) 06 24 11  
8 MM dd YY 13  
OWNER INFORMATION  
15 Last Name Sotka Owner First Name  
36 4230 Linthicum Rd Street or RFD 55  
57 Dayton MD 21036 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL  
8 COUNTY Howard  
23 SUBDIVISION Linthicum Oaks  
SECTION 44 46 LOT 48 50  
52 NEAREST TOWN Dayton  
MILES FROM TOWN (enter 0 if in town) 1.0 MI  
73 76 77 78

DRILLER INFORMATION  
Edward Gross MWD 580  
76 Driller's Name License No. 81  
Long Green Energy Inc 410-409-2260  
Firm Name  
11559 Howard Rd Glen Arin MD 21052  
Address  
Signature Date

B 4  
1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
11 NEAR WHAT ROAD Linthicum Rd 30  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
34 .25 37 DISTANCE FROM ROAD mi  
ENTER FT OR MI 38 39  
TAX MAP: 22 BLK: 19 PARCEL 50

B 2 WELL INFORMATION  
1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 8 12  
AVERAGE DAILY QUANTITY NEEDED (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 COUNTY NAME COUNTY NO.  
STATE SIGNATURE INSERT S  
DATE ISSUED 6/28/2012  
43 MM dd yy 48 CO SIGNATURE EXP. DATE  
NORTH GRID 50 55 57 EAST GRID 800 000 63

APPROXIMATE DEPTH OF WELL 350 FEET  
24 28  
APPROXIMATE DIAMETER OF WELL 1" NEAREST INCH

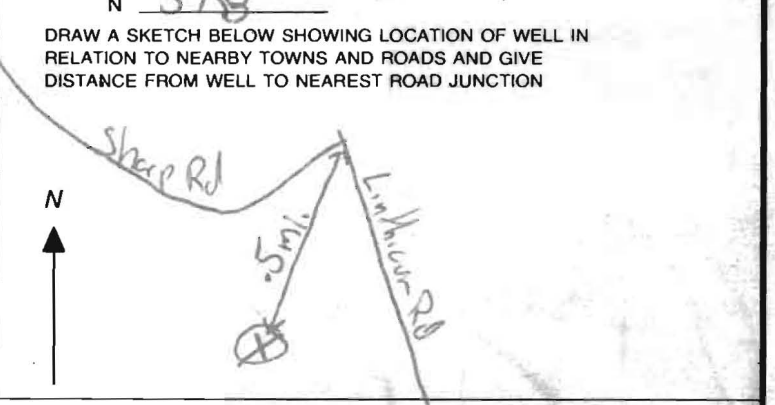
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
SOURCES OF DRILLING WATER  
1. Private  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
E 8000  
N 516

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)  
N THIS WELL WILL NOT REPLACE AN EXISTING WELL  
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
39 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 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)  
APPROP. PERMIT NUMBER G  
PERMIT No. H0 95 2155  
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS  
NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

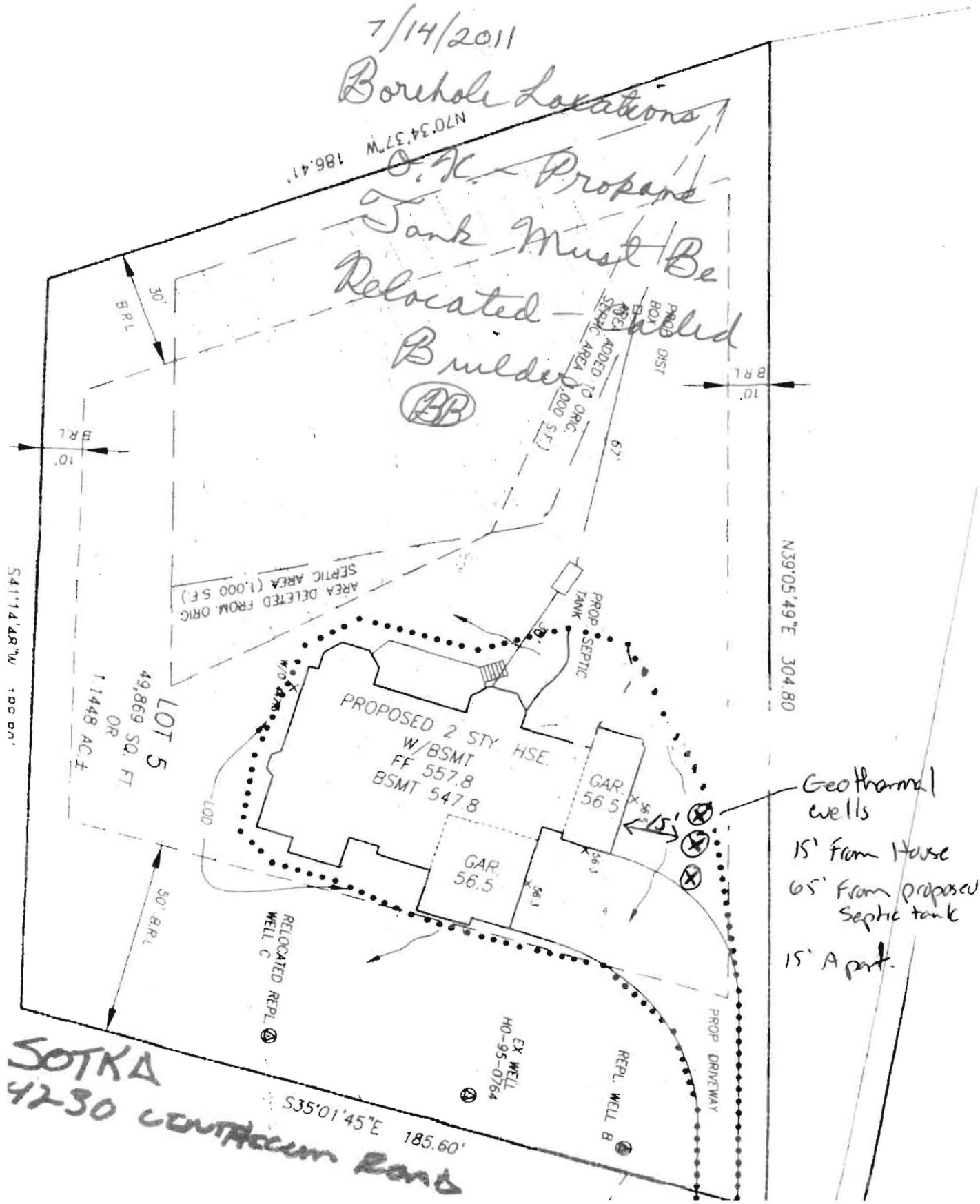


Revised Site plan  
4230 Linthicum Rd.

7/14/2011

Borehole Locations

O.K. Propane  
Tank Must Be  
Relocated - Called  
Builder



Geothermal wells  
15' from House  
65' from proposed Septic tank  
15' Apart.

SOTKA  
4230 LINTHICUM ROAD

N39°05'49"E 304.80'

*Geo. Thermal Wells  
15' OFF House*

10'  
B.R.L.

PROP. DIST. BOX  
AREA ADDED TO ORIG. SEPTIC AREA (1,000 S.F.)

67'

*50'*

PROP. TANK SEPTIC

GAR. 56.5

PROPOSED 2 STY. HSE.  
W/BSMT  
FF 557.8  
BSMT 547.8

GAR. 56.5

PROP. DRIVEWAY

REPL. WELL B

EX WELL  
HO-95-0764

N70°34'37"W  
1886.41'

AREA DELETED FROM ORIG. SEPTIC AREA (1,000 S.F.)

RELOCATED REPL. WELL C

30'  
B.R.L.

10'  
B.R.L.

LOT 5  
49,869 SQ. FT.  
OR  
1.1448 AC. ±

50' B.R.L.

S41°14'48"W 188.80'

*SOTKA  
47-50 CENTACUM ROAD*

S35°01'45"E 185.60'

W/O

LOD

N39°05'49"E 304.80'

60-  
Therm  
wells  
15' AF  
hole

10'  
B.R.L.

PROP. DRIVEWAY

PROP. DIST. BOX  
AREA ADDED TO ORIG. SEPTIC AREA (1,000 S.F.)

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PROPOSED 2 STY. HSE.  
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REPL. WELL B

EX WELL  
HO-95-0764

RELOCATED REPL. WELL C

AREA DELETED FROM ORIG. SEPTIC AREA (1,000 S.F.)

N70°34'37"W 188.41'

30'  
B.R.L.

LOT 5  
49,869 SQ. FT.  
OR  
1.1448 AC. ±

50'-B.R.L.

S35°01'45"E 185.60'

SOTKA  
4250 CENTRECOM ROAD

S41°14'48"W 188.80'

10'  
B.R.L.

LOD

W/O

50'

15'  
15'

56.3

56.5

56.3

56.3

56.5

55.8

55.0