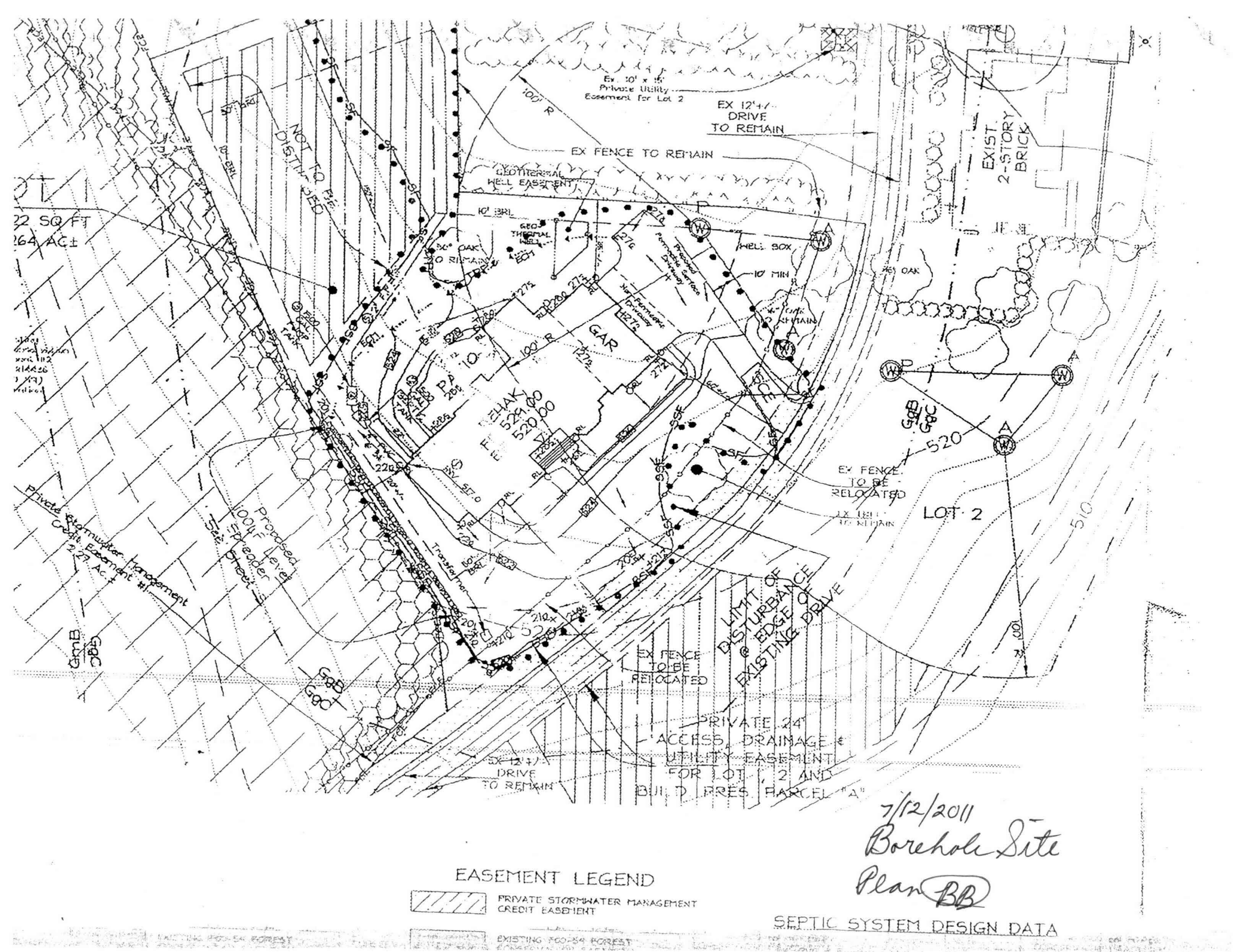


C 1		3111		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
1 2 3 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		COUNTY NUMBER		PERMIT NO. FROM "PERMIT TO DRILL WELL"		28 29 30 31 32 33 34 35 36 37			
ST/CO USE ONLY DATE Received MM 08 DD 31 YY 11		DATE WELL COMPLETED MM 8 DD 18 YY 11		Depth of Well 22 375 26 (TO NEAREST FOOT)		10/13/2011 OK BB			
OWNER Gyc Group		WELL SITE ADDRESS 13560 TRIADELPHIA MILL		TOWN DAYTON		SUBDIVISION Hedgerow Farm		SECTION LOT 1	
WELL LOG Not required for driven wells		GRROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y no N 44 44 TYPE OF GROUTING MATERIAL (Circle one) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 18 NO. OF POUNDS 400 GALLONS OF WATER 468 DEPTH OF GROUT SEAL (to nearest foot) from 48 TOP 52 ft. to 54 BOTTOM 58 ft. (enter 0 if from surface)		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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					
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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					
DESCRIPTION (Use additional sheets if needed)		FEET FROM TO Top Soil 0 2 Brown mica 2 60 Grey mica 60 375 X 4 wells		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			
NUMBER OF UNSUCCESSFUL WELLS: 0		WELL HYDROFRACTURED yes Y no N		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			
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.		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			
DRILLERS LIC. NO. 1 M WD 040 George F. Easterday DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)		LIC. NO. 1 00064		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			
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		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			
MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)		T (E.R.O.S.) W Q		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			
TELESCOPE CASING LOG INDICATOR		OTHER DATA		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			
COUNTY		COUNTY		C 2 1 2 DEPTH (nearest ft.) 1 8 9 11 15 17 21 2 23 24 26 30 32 36 3 38 39 41 45 47 51 SLOT SIZE 1 2 3 DIAMETER OF SCREEN 56 60 (NEAREST INCH) from to		C 3 1 2 PUMPING TEST HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE A 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			

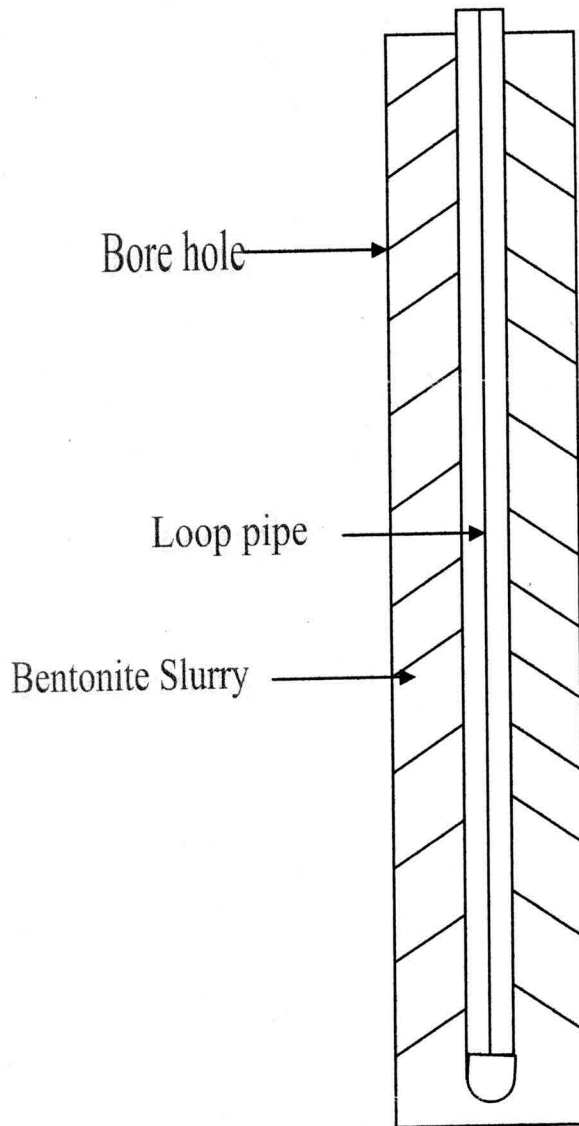
B 1 <b>9284</b> <small>1 2 3 6</small>		SEQUENCE NO. (MDE USE ONLY)  <b>535281</b>		<b>STATE OF MARYLAND</b> <b>APPLICATION FOR PERMIT TO DRILL WELL</b> please type		STATE PERMIT NUMBER <b>HO-95-2176</b> <small>70 fill in this form completely 79</small>	
Date Received (APA)  <b>OWNER INFORMATION</b> <b>11719</b> <small>8 MM DD YY 13</small> <b>G Y C Group Ltd/ White</b> <small>15 Last Name Owner First Name 34</small> <b>611 Nursery Road</b> <small>36 Street or RFD 55</small> <b>Westminister Md 21158</b> <small>57 Town 70 State 72 Zip 76</small>				B 3 <b>Howard</b> <b>LOCATION OF WELL</b> <small>8 COUNTY 21</small> <b>Hedgerow Farm</b> <small>23 SUBDIVISION 42</small> <small>SECTION 44 46 LOT 48 50</small> <b>Dayton</b> <small>52 NEAREST TOWN 71</small> <small>MILES FROM TOWN (enter 0 if in town) 73 76 77 78</small> <b>1.25</b>			
<b>DRILLER INFORMATION</b> <b>George F. Easterday</b> <b>M W D</b> <b>040</b> <small>Driller's Name 76 License No. 81</small> <b>L. Franklin Easterday, Inc.</b> <small>Firm Name</small> <b>9265 Brown Church Rd., MT. Airy, Md. 21771</b> <small>Address</small> <i>George F. Easterday</i> <b>6/30/2011</b> <small>Signature Date</small>				B 4 <b>(13560)</b> <b>Triadelphia Mill Road</b> <small>11 NEAR WHAT ROAD 30</small> <b>ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)</b> <div style="display: flex; align-items: center;"><div style="text-align: center;"><p><b>TOWN</b></p></div><div style="margin-left: 20px;"><div style="border: 1px solid black; padding: 2px; text-align: center;">N W E S EAST WEST SOUTH NORTH</div></div></div> <small>34 775 37</small> <small>DISTANCE FROM ROAD ENTER FT OR MI 38 39</small> <b>775</b> <b>MI</b> <b>TAX MAP: 28 BLK: 20 PARCEL 64</b>			
<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <div style="display: flex; flex-wrap: wrap;"><div style="width: 50%;"><input type="checkbox"/> DOMESTIC POTABLE SUPPLY &amp; RESIDENTIAL IRRIGATION</div><div style="width: 50%;"><input type="checkbox"/> FARMING (LIVESTOCK WATERING &amp; AGRICULTURAL IRRIGATION)</div><div style="width: 50%;"><input type="checkbox"/> INDUSTRIAL, COMMERCIAL, DEWATERING</div><div style="width: 50%;"><input type="checkbox"/> PUBLIC WATER SUPPLY WELL</div><div style="width: 50%;"><input type="checkbox"/> TEST, OBSERVATION, MONITORING</div><div style="width: 50%;"><input checked="" type="checkbox"/> GEO-THERMAL</div></div>				<b>NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL</b> <b>Howard (13)</b> <b>A532480</b> <small>COUNTY NAME COUNTY NO.</small> <small>STATE SIGNATURE INSERT S 41</small> <small>DATE ISSUED 7/18/2011</small> <small>CO SIGNATURE Brian Baker 7/18/2011</small> <small>EXP. DATE</small> <small>43 MM DD YY 48</small> <small>NORTH GRID 505 000 55</small> <small>EAST GRID 805 000 63</small>			
<b>APPROXIMATE DEPTH OF WELL</b> <b>300</b> <b>FEET</b> <small>24 28</small> <b>APPROXIMATE DIAMETER OF WELL</b> <b>6</b> <b>NEAREST INCH</b>				<b>SHOW MAJOR FEATURES OF BOX &amp; LOCATE WELL WITH AN X</b> <b>SOURCES OF DRILLING WATER</b> 1. <b>well's</b> 2. 3.  <b>WRITE THE BOX NUMBER FROM THE MAP HERE</b> <div style="display: flex; align-items: center;"><div style="margin-right: 20px;">E <b>800'5</b></div><div style="text-align: center;">↓</div><div style="margin-left: 20px;">N <b>500'5</b></div></div> <div style="text-align: right; margin-top: 10px;"><b>000</b> <b>000</b></div>			
<b>METHOD OF DRILLING (circle one)</b> <div style="display: flex; justify-content: space-between;"><div><input checked="" type="checkbox"/> BORED (or Augered)</div><div><input type="checkbox"/> JETTED</div><div><input type="checkbox"/> Jetted &amp; DRIVEN</div></div> <div style="display: flex; justify-content: space-between;"><div><input checked="" type="checkbox"/> AIR-ROTary</div><div><input type="checkbox"/> AIR-PERCussion</div><div><input type="checkbox"/> ROTARY (Hydraulic Rotary)</div></div> <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> CABLE</div><div><input type="checkbox"/> REVerse-ROTary</div><div><input type="checkbox"/> Drive-POINT</div></div> <div style="display: flex; justify-content: space-between;"><div>other</div><div></div><div></div></div>				<b>REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)</b> <div style="display: flex; flex-wrap: wrap;"><div style="width: 50%;"><input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL</div><div style="width: 50%;"><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED</div><div style="width: 50%;"><input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS</div><div style="width: 50%;"><input type="checkbox"/> THIS WELL WILL DEEPEEN AN EXISTING WELL</div></div> <small>PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 52</small>  <b>Not to be filled in by driller (MDE OR COUNTY USE ONLY)</b>  <small>APPROX. PERMIT NUMBER</small> <b>G</b>  <small>PERMIT No.</small> <b>HO-95-2176</b> <small>70 71 72 73 74 75 76 77 78 79</small>			
<b>SPECIAL CONDITIONS</b> <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -</small>				<div style="text-align: center;"></div> <div style="text-align: right; margin-top: 10px;"><b>13 K 6</b></div>			





# GEOHERMAL WELL DESIGN

L. FRANKLIN EASTERDAY, INC



Owner Rehak / GYC Group

Location TR14 Delphia Mill Rd - Lot 1 Hedgerow Farm

Number of wells to 5

Depth 400-300 Loop Size 1 1/4

*Subject to change*

Grout Material-----Bentonite Slurry from bottom to G.L.