

C1 19771 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

ST/CO USE ONLY DATE Received DATE WELL COMPLETED

Depth of Well 240 (TO NEAREST FOOT) 2/1/2013

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-95-2362

OWNER KUBA TOM TOWN SIKESVILLE, MD 21784

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries: Soil, Clay, Brown Shale, Gray Rock, 2 bores x 240'

GROUTING RECORD WELL HAS BEEN GROUTED (Y) CEMENT CM BENTONITE CLAY BC NO. OF BAGS 20 NO. OF POUNDS 1000

CASING RECORD 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 (ST, BR, HO, PL, OT) DEPTH (nearest ft.)

PUMPING TEST HOURS PUMPED (nearest hour) 8.9 PUMPING RATE (gal. per min.) 11-15 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 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) 49-51

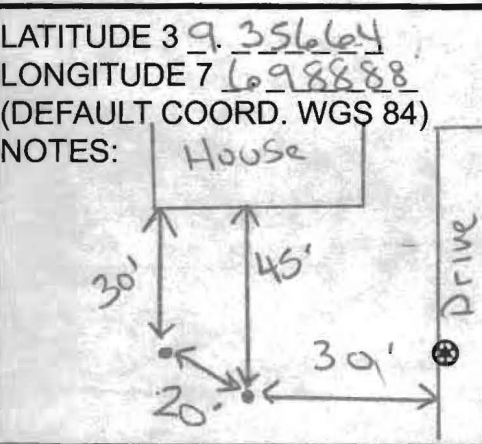
NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED YES (Y) NO (N)

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

DRILLERS LIC. NO. M WD 355 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. AWD 902 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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 TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1	2429	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND <b>APPLICATION FOR PERMIT TO DRILL WELL</b>	STATE PERMIT NUMBER <u>HO-95-2362</u>
1 2 3 6			538033 please type	70 <u>fill in this form completely</u> 79

**OWNER INFORMATION**

Date Received (APA) 08 10 12

8 MM DD YY 13

15 Kuba Last Name Tom Owner First Name 34

36 565 Gaither Road Street or RFD 55

57 Sykesville Town 70 MD State 72 21784 Zip 76

**LOCATION OF WELL**

B 3

8 Howard COUNTY 21

23 Gaither SUBDIVISION 42

SECTION 44 46 LOT 2A 48 50

52 Sykesville NEAREST TOWN 71

**DRILLER INFORMATION**

Driller's Name Michael Barlow 76 License No. MWD355 81

Firm Name Barlow Well Drilling

Address 577 Underwood Lane 21014

Signature [Signature] Date 8/12

**SOURCES OF DRILLING WATER**

B 4

1. Well

2.

3.

11 565 Gaither Road STREET ADDRESS 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

NORTH  
 WEST  
 EAST  
 SOUTH

34 500 37 DISTANCE FROM ROAD ENTER FT OR MI 38 39 FT

TAX MAP: 4 BLK: 19 PARCEL 90

**WELL INFORMATION**

B 2

1 2 APPROX. PUMPING RATE (GAL. PER MIN.) 0 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 0 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

OPEN LOOP GEOTHERMAL

CLOSED LOOP GEOTHERMAL 2 bores x 240'

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

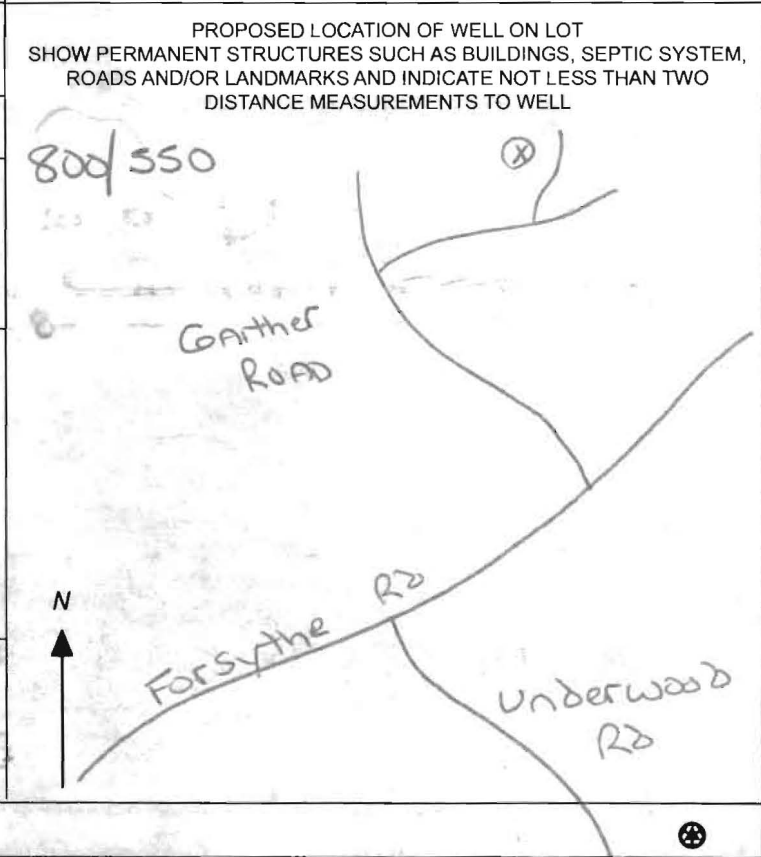
Howard COUNTY NAME A23746 COUNTY NO. 13

STATE SIGNATURE [Signature] INSERT S → 41

DATE ISSUED 8/23/2012 43 MM DD YY 48 Brian Baker CO SIGNATURE 8/23/2012 EXP. DATE

APPROXIMATE DEPTH OF WELL 240 FEET 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH



**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)**

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  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 \_\_\_\_\_ 52

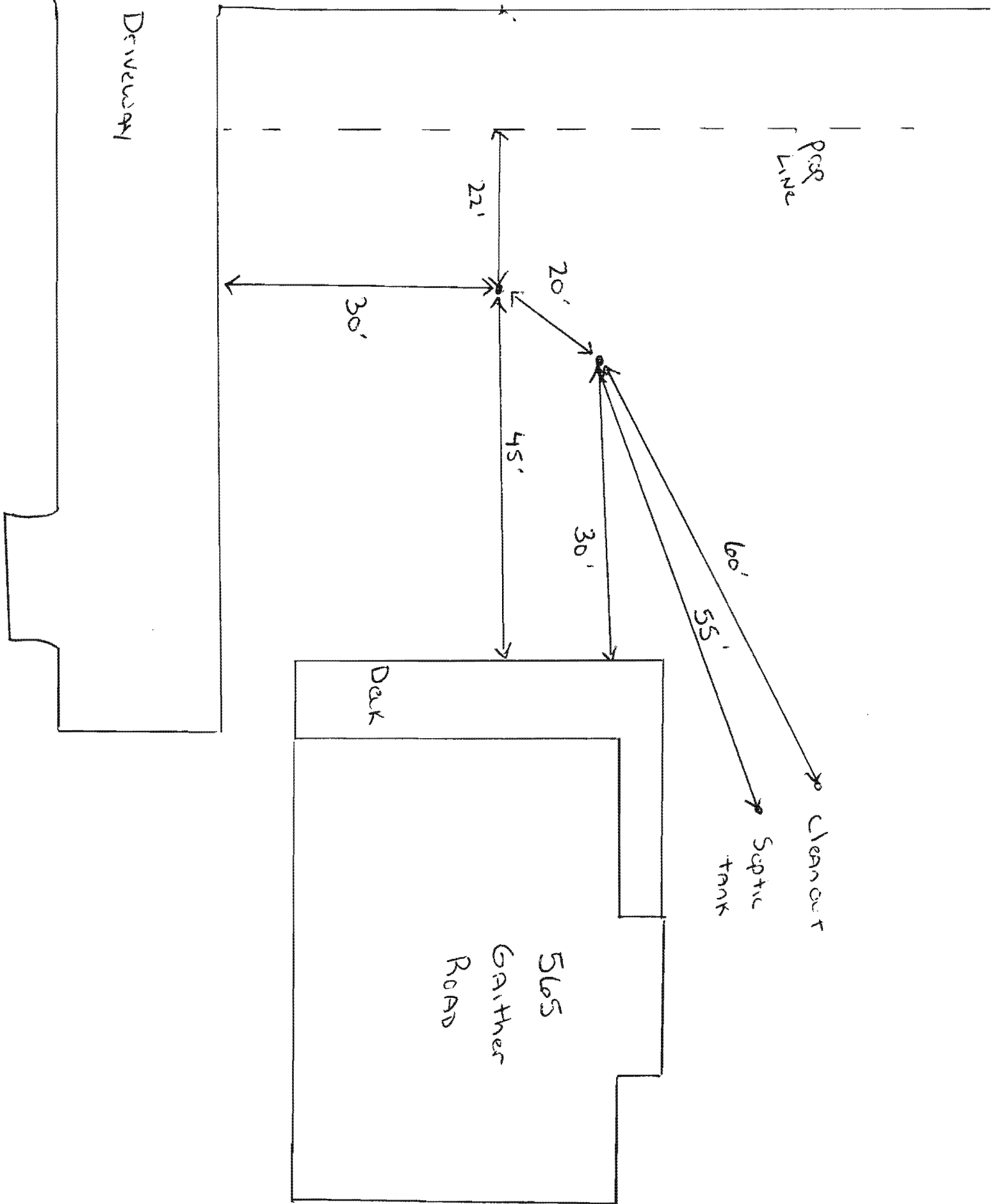
**Not to be filled in by driller (MDE OR COUNTY USE ONLY)**

APPROP. PERMIT NUMBER \_\_\_\_\_ G \_\_\_\_\_

PERMIT No. HO-95-2362 70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS**

NOTE APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



DRIVEWAY

PUG LINE

Cleanout

Septic tank

565  
Gaither  
Road

Deck

22'

30'

20'

45'

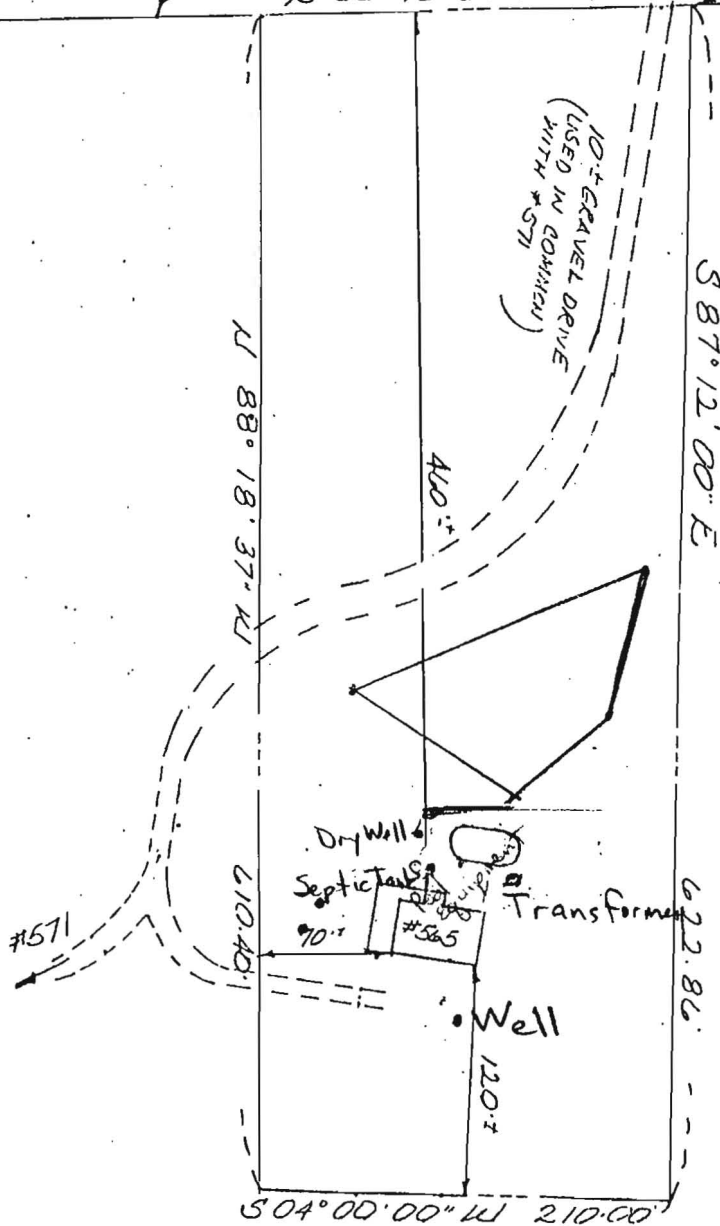
30'

60'

55'

E GAITHER ROAD  
30' R/W

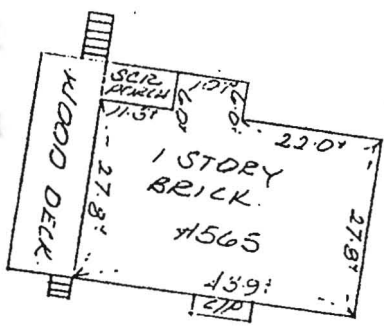
N 00° 40' 00" E 222.00' BEG. POINT



I agree to disconnect the existing septic trench from the dry well at a time prior to the initial stages of the pool construction. It is understood that maintaining the existing trench would pose a potential health risk to the property.  
 Paula Kuba June 7, 1994

- LOT AREA  
3.05 AC ±
- Pool to Well 92'
  - Septic Tank to house 10'
  - Septic Tank to Dry Well 20'
  - Trench to house 51'
  - pool to trench 3'
  - Trench length 43'

1" = 100'  
Geobores



SCALE 1" = 30'

6-7-94 Observed liquid level in Septic Drywell. Appeared to be Tank + 6 to 8 feet below inlet. Dry Well No problem of clogged soils evident. Agree to allow disconnection of 43 feet long trench at time of pool construction.

Gene E. Nadeau, R.S.  
6-7-94  
Health Department

THIS IS TO CERTIFY that I have located the improvements on the lot shown hereon and they lie within the boundaries.

*[Signature]*

This property is not located in a H.U.D. Identified Special Flood Hazard Area. Flood Hazard Map interpretation, though believed accurate, is not guaranteed.

THIS PLAT IS NOT TO BE USED TO ESTABLISH PROPERTY LINES.

**MICHAEL BARLOW WELL DRILLING  
522 UNDERWOOD LANE  
BEL AIR, MD 21014  
410-838-6910**

Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 21046  
Fax: 410-313-2648

April 24, 2012

Re: 565 Gaither Road, Sykesville

Dear Department of Environment:

Please note unless otherwise specified all geothermal bores installed by our company will be installed as follows:

Grout: Bentonite Grout 20% solids minimum  
Manufacture(s): Baroid or Wyo-Ben  
Will be grouted from the bottom to the top with grout material

Piping: Polyethylene SDR 11 160 PSI as recommended per IGSHPA  
Manufacture: EnDot or Charter Plastics or equal, Size 1" or 1 1/4"  
IGSHPA Certification Number 12687

Also attached is a cross section diagram of the bore hole.

We would appreciate your help in getting this permit released as soon as possible so that we can expedite this project. If you have any questions, please do not hesitate to contact me.

Sincerely,



Michael Barlow