

C1 0549

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

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 03 29 11

DATE WELL COMPLETED MM DD YY 01 28 11

Depth of Well 2x 22 320 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Hb - 95 - 2040

OWNER Scrandis last name 11813 Gas Light Place first name TOWN Columbia 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. Includes entries for Dirt (0-25) and Hard Gray (25-320).

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

casings types insert appropriate code below (Steel, Concrete, Plastic, Other) MAIN CASING TYPE, Nominal diameter, Total depth

OTHER CASING (if used)

Table for OTHER CASING with columns: diameter inch, depth (feet) from, to

SCREEN RECORD

screen type or open hole (Steel, Brass, Plastic, Open Hole, Other) insert appropriate code below

C 2

DEPTH (nearest ft.)

Table for screen depth with columns: E A C H S C R E E N, SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN

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

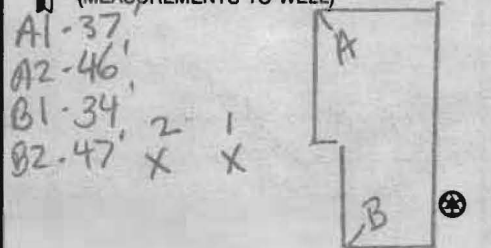
HOURS PUMPED (nearest hour) 8 9 PUMPING RATE (gal. per min.) 11 15 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING 17 20 ft. WHEN PUMPING 22 25 ft. TYPE OF PUMP USED (for test) A air, P piston, T turbine, C centrifugal, R rotary, O other, J jet, S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (YES/NO) 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 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)



DRILLERS LIC. NO. MW D 304 David Kelly

DRILLERS SIGNATURE Jason Morrison LIC. NO. JW D 326

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

B 1 6446 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL please type 534439

STATE PERMIT NUMBER HO-95-2040 fill in this form completely

OWNER INFORMATION Date Received (APA) 01 04 11 8 MM DD YY 13 Scrandis Joseph + Debra 15 Last Name Owner First Name 34 11813 Gaslight Place 36 Street or RFD 55 Columbia Md 21044 57 Town 70 State 72 Zip 76

LOCATION OF WELL B 3 How 4/2/2011 8 COUNTY 21 Village of Hickory Ridge 23 SUBDIVISION 42 SECTION 3 44 46 LOT 63 48 50 Columbia 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 0 M I 73 76 77 78

DRILLER INFORMATION David Kelly M W D 304 76 Driller's Name License No. 81 Jones Well Drilling Inc. Firm Name 3700 Rush Rd. Jarrettsville Md 21084 Address David Kelly 12-30-10 Signature Date

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD (11813) Gaslight Place 11 30 NORTH SOUTH WEST EAST DISTANCE FROM ROAD 29 34 37 ENTER FT OR MI 38 39 TAX MAP: 35 BLK: 10 PARCEL 410

WELL INFORMATION APPROX. PUMPING RATE 0 8 12 (GAL. PER MIN.) AVERAGE DAILY QUANTITY NEEDED 0 14 20 (GAL. PER DAY)

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 2 holes closed loop

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard (13) Public COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S 41 DATE ISSUED 1/17/2011 Brian Baber 1/17/2012 CO SIGNATURE EXP. DATE NORTH GRID 499 000 EAST GRID 829 000 50 55 57 63

APPROXIMATE DEPTH OF WELL 320 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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 76° 54' 00" N 39° 12' 00" X 000 000

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) 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 52

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION MAP 4934 GB

Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER G PERMIT No. HO-95-2040 70 71 72 73 74 75 76 77 78 79

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

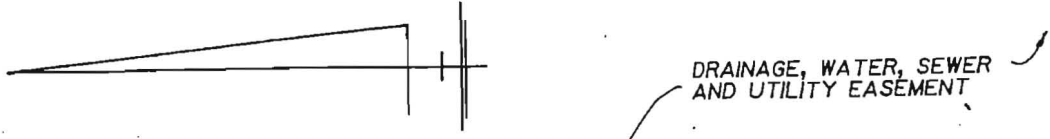
OWNER

Joseph Scrandis  
11813 Gaslight Place  
Colombia md 21044

# LANDTECH ASSOCIATES, INC.

1410 CRAIN HIGHWAY, N.W. SUITE 7B GLEN BURNING, MD 21061  
(410) 768-2121 FAX (410) 553-9081

NOTE: NOT TO BE USED FOR THE ISSUANCE OF PERMITS.



DRAINAGE, WATER, SEWER AND UTILITY EASEMENT

DUE SOUTH 80.00'

64

95.00'

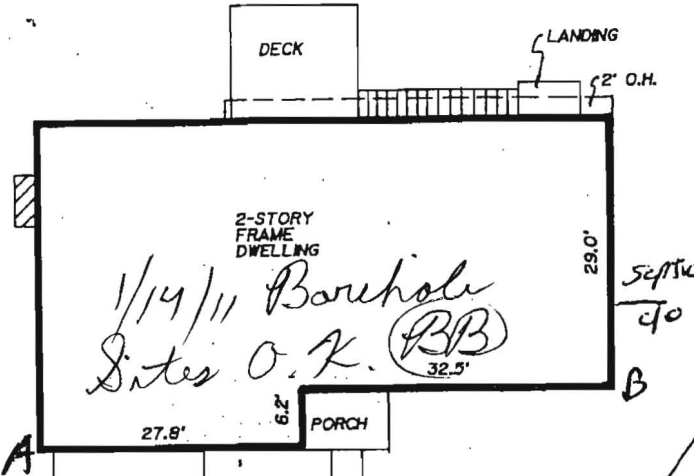
63

9,681.5  
(PER PLAT)

120.03'

1" ~ 20'

DUE EAST



2-STORY FRAME DWELLING  
1/14/11 Boruhole Sites O.K. (BB)

geo locations

	A	B
1	37	34
2	46	47

DUE WEST

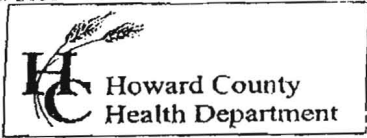
PROPERTY LINE SURVEY RECOMMENDED TO DETERMINE THE EXACT LOCATION OF IMPROVEMENTS AND/OR ENCROACHMENTS, IF ANY.

CONC. DRIVE  
N46°58'11"E  
58.12'

R=60.00'  
L=45.00'

## GASLIGHT PLACE





7178 Columbia Gateway Drive, Columbia MD 21046  
 (410) 313-2640 Fax (410) 313-2648  
 TDD (410) 313-2323 Toll Free 1-866-313-6300  
 website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

TO ALL INTERESTED PARTIES

When submitting a well permit application for a proposed well for new construction, please indicate one of the following:

Well Site Location: 11813 Gaslight Place  
 Subdivision/Property Name    Lot#    Road Name

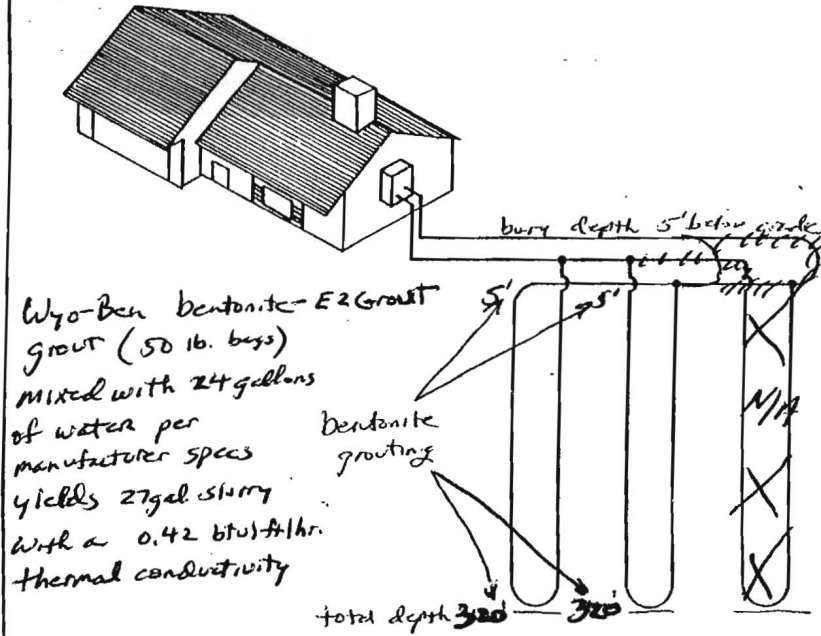
The well site has been staked by \_\_\_\_\_  
 (professional land surveyor or company employing professional land surveyors)  
 on \_\_\_\_\_ (date) and does not require a site inspection.

The well driller, builder or property owner will call the Health Department to schedule a time to meet in the field to verify the proposed well site location. *flagged on 12-30-10 per plat*

This sheet, along with two copies of an acceptable well site plan, must be attached to the green well permit application.

Revised 3/11/05

Driller: Jones Well Drilling Inc.  
contact: David Kelly  
410-692-6987



Earth Coil Type: Vertical - Single U-Bend

Water Flow: Parallel

Pipe Sizes: 1 1/4" double Loop

Bore Lengths: 320' x 2 holes (640' vertical bore)

Pipe Lengths: 640' x 2 (1280' vertical pipe)

FIGURE 4.5: Parallel Vertical Ground Heat Exchanger