

C1 4136

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER A 50788A

DATE RECEIVED 11/6/98

DATE WELL COMPLETED 11/4/98

DEPTH OF WELL 430

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-1945

OWNER: Drogen (last name), Keith (first name); STREET OR RFD: Clarksville Pike; TOWN: Highland; SUBDIVISION: Shillinger Property; SECTION: ; LOT: 8A

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, FEET (FROM, TO), check if water bearing. Rows: Sand (0-57), Blue Rock (57-430)

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (CM, BC); NO. OF BAGS 19; NO. OF POUNDS 1786; GALLONS OF WATER 114; DEPTH OF GROUT SEAL 0-57

CASING RECORD

MAIN CASING TYPE ST; Nominal diameter top (main) casing 6; Total depth of main casing 61

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

SCREEN RECORD

screen type or open hole ST, BR, HO; insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

- CIRCLE APPROPRIATE LETTER: A (abandoned), E (electric log), 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. MSD024; DRILLERS SIGNATURE: [Signature]

LIC. NO. MSD027; SITE SUPERVISOR SIGNATURE: [Signature]

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, R, E, N; rows: 1-8; values: HO, 60, 430

GRAVEL PACK IF WELL DRILLED WAS FLOWING-WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER); T, W, Q, LOG INDICATOR, OTHER DATA

PUMPING TEST

HOURS PUMPED 3; PUMPING RATE 7.5; METHOD USED TO MEASURE PUMPING RATE: Bucket; WATER LEVEL BEFORE PUMPING 27; WHEN PUMPING 162; TYPE OF PUMP USED: submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP: YES (CIRCLE) (YES or NO)

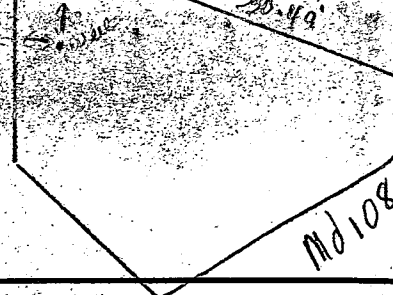
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

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, - below; LAND SURFACE 1 (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



B 1 6711 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER 10-94-1945 fill in this form completely

Date Received (APA) 10/19/98 OWNER INFORMATION ProFFen Keith C. 6451 Loudon Ave. Elkridge md. 21224

LOCATION OF WELL Howard Shillinger Property Highland Md 108 Clocktower Park 300 FT

DRILLER INFORMATION Joseph E. Wayne M.S.D. 24 5512 Ridge Rd. Mt. Airy, Md. 21771 10/16/98

DIRECTION OF WELL FROM TOWN (CIRCLE BOX) ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) TAX MAP: BLK: PARCEL:

WELL INFORMATION APPROX. PUMPING RATE 5 APPROX. DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A 50788A COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 10/28/98 EXP. DATE 10/27/99

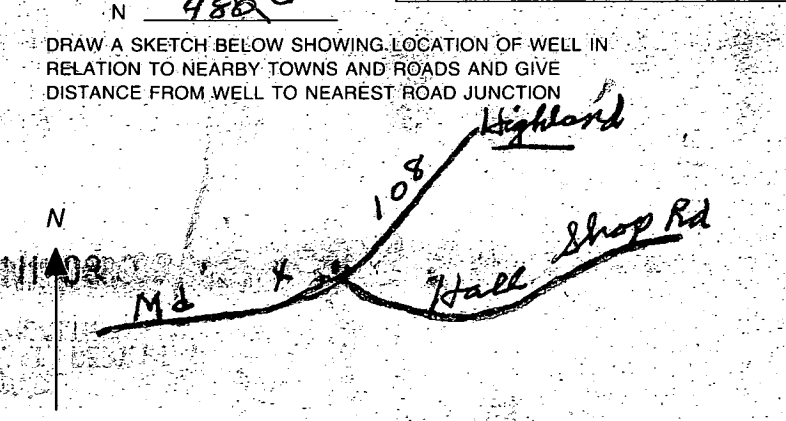
USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

APPROXIMATE DEPTH OF WELL 260 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 8008 N 4886

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

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



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER 54 PERMIT No. 10-94-1945

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

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer Roland Bauhman

Telephone 410-848-5630

License Number # 3470

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner Keith Proffan

Telephone 301-854-2939

Subdivision _____ Lot # _____

Well Tag # HD-94-1945

Site Address 13800 CLARKSVILLE PIKE

Pump

- Type
 - Deep well jet
 - Shallow well jet
 - Submersible

Motor

- Horsepower 3/4
- RPM 3450
- Voltage _____
 - 110 _____
 - 220

Pitless Adapter

- Make Martson
- Model # _____
- Depth 48"

2. Make JACUZZI

3. Model # T7S4712P-52

4. Capacity 7gal GPM

5. Pump exceeds well capacity Yes No

6. If Yes, is low pressure cutoff switch installed? Yes No

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other _____

Tank

- Capacity 120 gal
- Pressure relief valve? 75pd.

Piping

- Type 160pd
- Size 1"
- NSF and/or BOCA Code approved yes
- Depth of supply line 375ft

Well data

- Depth 426 ft.
- Yield _____ GPM
- Static water level 420 ft.
- Will water supply be disinfected by installer? yes

No Inspection Done

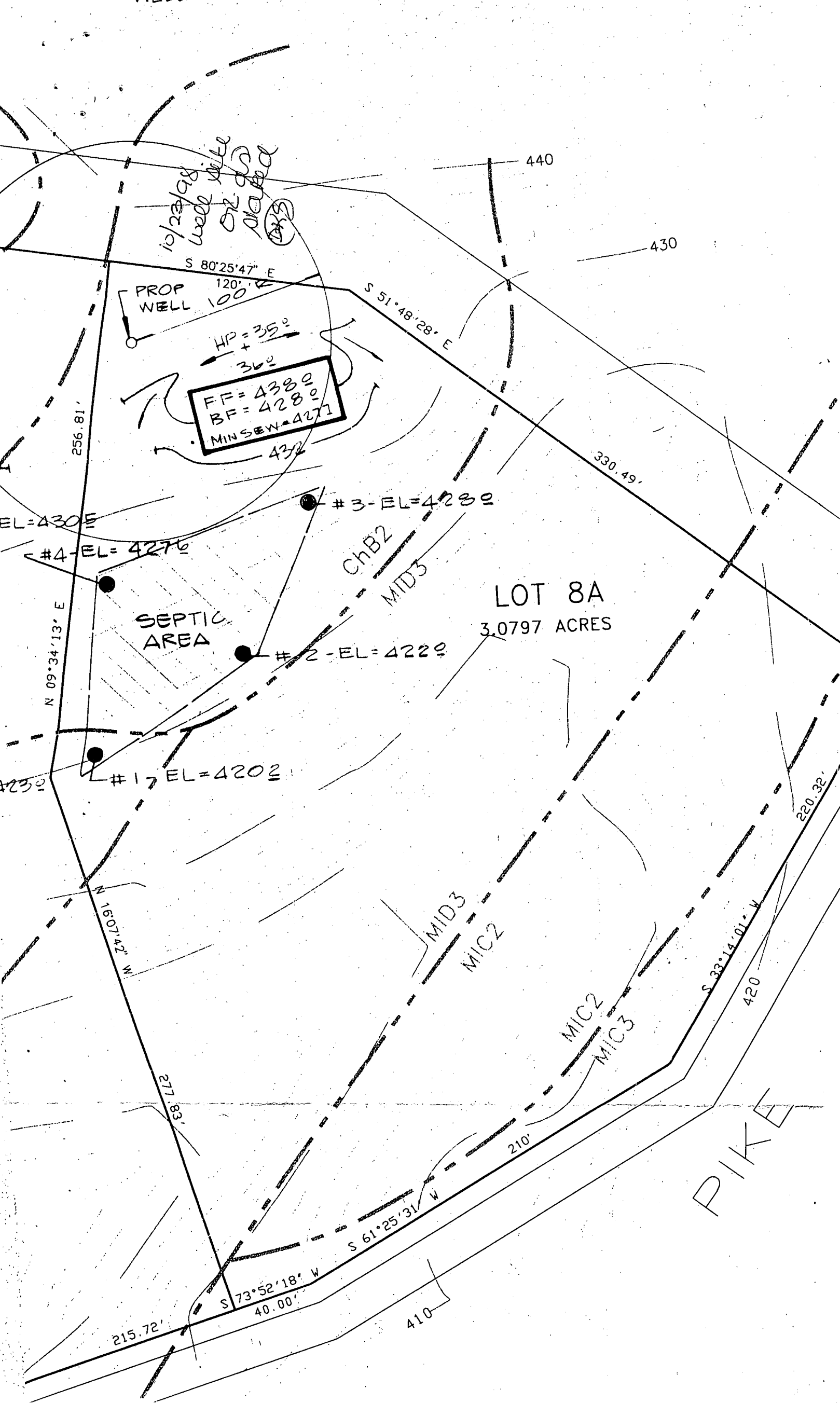
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Roland Bauhman

Date: 7-13-2000

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



10/23/98
Well site
20' 20' 20'
20' 20' 20'

PROP
WELL
120'
100'

HP = 35'
+
36'
FF = 438.0
BF = 428.0
MINSEW = 427.1
43.2

LOT 8A
3.0797 ACRES

SEPTIC
AREA

ChB2

MID3

MID3

MIC2

MIC2

MIC3

PIKE

440

430

256.81'

S 80°25'47" E

S 51°48'28" E

330.49'

EL = 430.0

#4 - EL = 427.6

#3 - EL = 428.0

#2 - EL = 422.0

#1 - EL = 420.2

N 09°34'13" E

N 160°42' W

277.83'

210'

S 61°25'31" W

S 73°52'18" W

215.72'

410

S 33°14'01" W

420

220.32'