

C 1 2931

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER, STREET OR RFD, SUBDIVISION, SECTION, LOT

WELL LOG

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes handwritten entries like 'Soft Brown', 'Orange Clay', 'Boulder', etc.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC]

CASING RECORD

MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch) [6] Total depth of main casing (nearest foot) [63]

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

SCREEN RECORD screen type or open hole [ST] [BR] [H.O.] [PL] [OT]

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED [Y] [N]

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. MWD 355 DRILLERS SIGNATURE LIC. NO. MWD 553

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

DEPTH (nearest ft.) E A C H S R E N 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

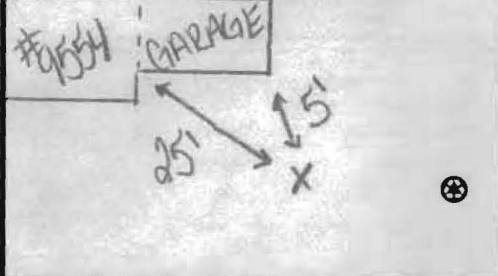
C 3 PUMPING TEST

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 (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 (nearest foot) 49 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)



B 1	3132	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 532481 please type	STATE PERMIT NUMBER 40-95-1850 <small>fill in this form completely</small>
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Date Received (APA) _____

OWNER INFORMATION

8 MM DD YY 13
 15 Last Name Nabors, Kirk Owner First Name _____ 34
 36 Street or RFD 4504 many miles mens 55
 57 Town Columbia, Md 70 State 21044 Zip 76

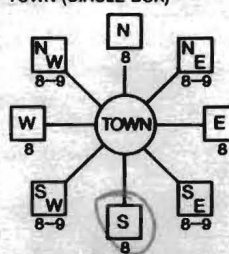
B 3 Howard LOCATION OF WELL

8 COUNTY _____ 21
 23 SUBDIVISION _____ 42
 SECTION 44 LOT 46
Guilford
 52 NEAREST TOWN _____ 71
 MILES FROM TOWN (enter 0 if in town) 2 MI
 73 76 77 78

DRILLER INFORMATION

Driller's Name Michael Baron M W D 355
 76 License No. 81
 Firm Name Baron Well Drilling Service
 Address 522 Underwood Ln, Belair, Md
 Signature _____ Date 12-8-09

B 4

1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)


11 NEAR WHAT ROAD 4504 Many Miles Mens 30
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH WEST EAST SOUTH
 34 100 37 DISTANCE FROM ROAD FT
 ENTER FT OR MI 38 39
 TAX MAP: 42 BLK: 21 PARCEL 442

B 2 **WELL INFORMATION**

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)
 22 I INDUSTRIAL, COMMERCIAL, DEWATERING
 P PUBLIC WATER SUPPLY WELL
 T TEST, OBSERVATION, MONITORING
 G GEO-THERMAL 1-450'

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME COUNTY NO. 13
 STATE SIGNATURE _____ INSERT S → 41
 DATE ISSUED 12/22/09 Kirk Nabors EXP. DATE 12/22/10
 43 MM DD YY 48 CO SIGNATURE EAST GRID 57 WEST GRID 55
 NORTH GRID 481 000 EAST GRID 0840 000
 50 55 57 63

APPROXIMATE DEPTH OF WELL 450 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 12 INCH
 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 840
 N 480

000
000

METHOD OF DRILLING (circle one)

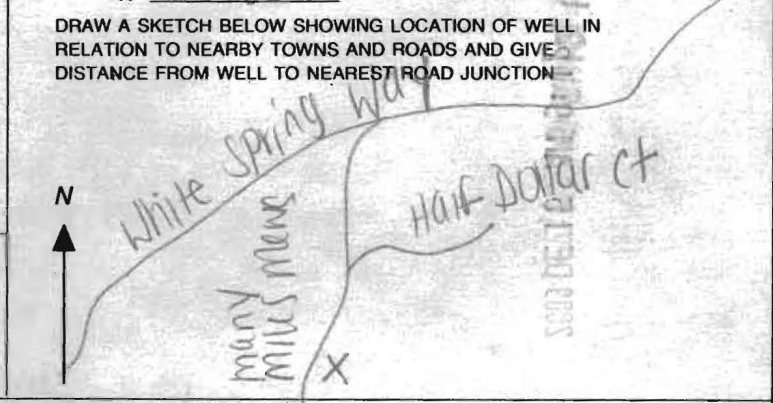
BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTary AIR-PERcussion ROTARY (Hydraulic Rotary)
 37 CABLE REverse-ROTary DRive-POINT
 other _____

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52

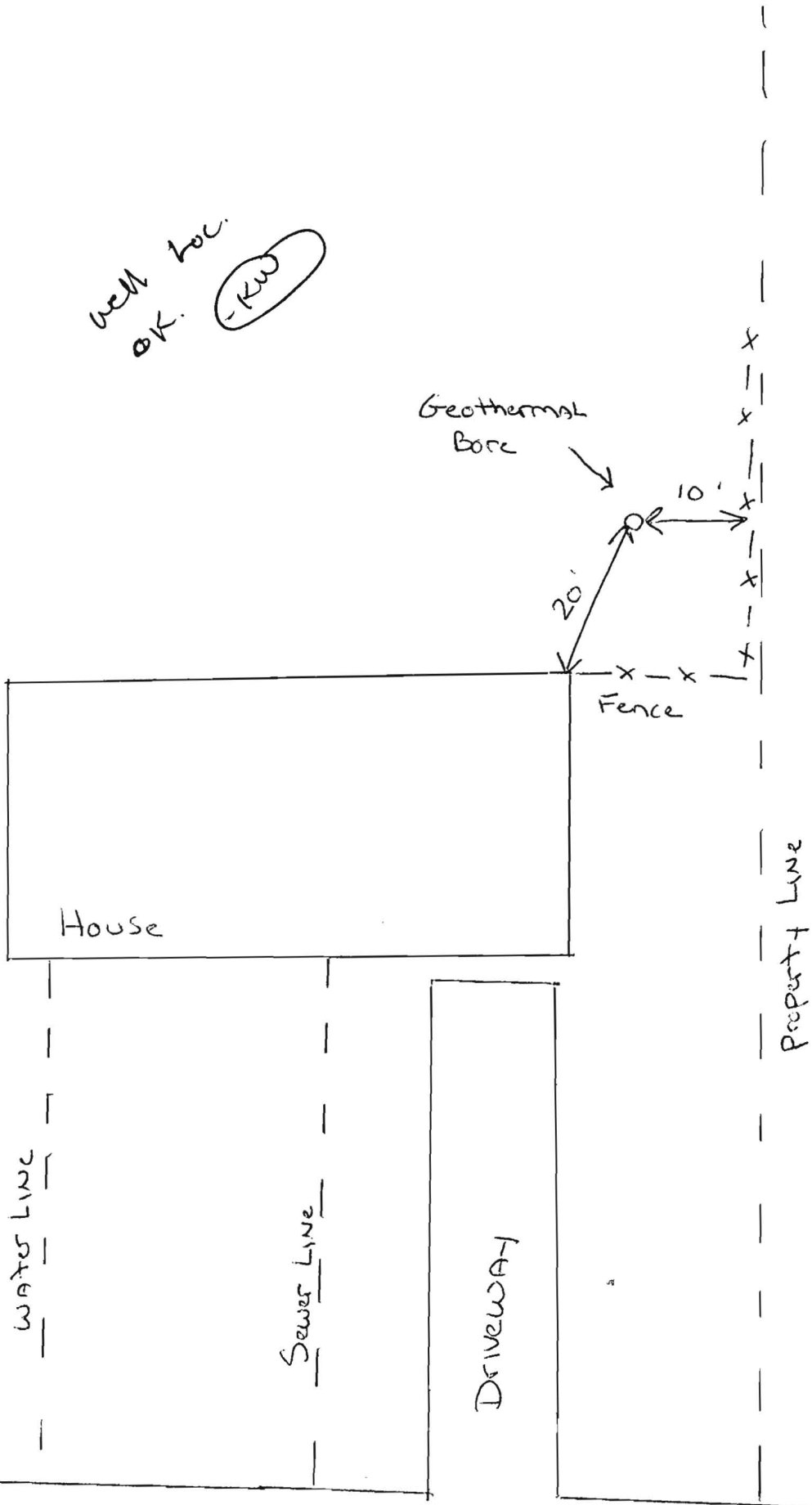
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ G _____
 PERMIT No. 40-95-1850
 70 71 72 73 74 75 76 77 78 79



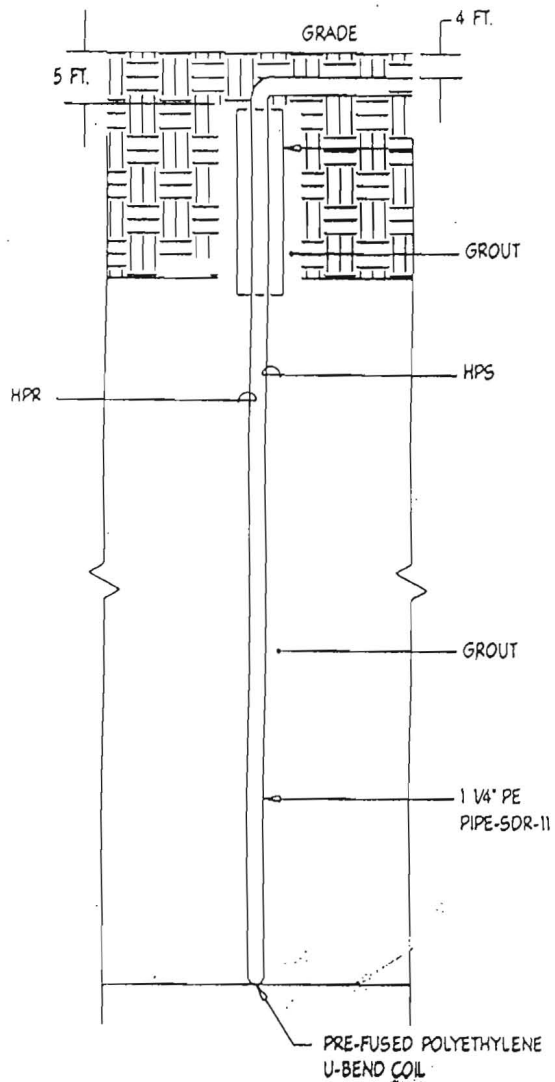
SPECIAL CONDITIONS
 NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

well loc.
OK. (KW)



many miles from

Will be grouted
bottom to top



4 TYPICAL BORE HOLE DETAIL
M1.00 NOT TO SCALE