

C 1 9658  
1 2 3 6

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
WELL COMPLETION REPORT  
FILL IN THIS FORM COMPLETELY  
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED AFTER  
WELL IS COMPLETED. 6/24/99 OK ALL  
COUNTY NUMBER 13

ST/CO USE ONLY  
DATE Received  
06 24 99  
8 13

DATE WELL COMPLETED  
MM 06 DD 24 YY 99  
Depth of Well  
22 225 26  
(TO NEAREST FOOT)

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"  
HO-94-2160  
28 29 30 31 32 33 34 35 36 37

OWNER HIGHLAND Development  
STREET OR RFD Fox Brook Ct  
SUBDIVISION Monticello - Knapp SECTION TOWN Glenwood LOT 36

WELL LOG  
Not required for driven wells  
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Sand	0	64	
Gray Granite	64	225	✓

GROUTING RECORD  
WELL HAS BEEN GROUTED (Circle Appropriate Box) YES Y NO N  
TYPE OF GROUTING MATERIAL (Circle one)  
CEMENT CM BENTONITE CLAY BC  
NO. OF BAGS 20 NO. OF POUNDS 1880  
GALLONS OF WATER 120  
DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 60 ft.  
(enter 0 if from surface)

CASING RECORD  
casing types insert appropriate code below  
STEEL ST CONCRETE CO  
PLASTIC PL OTHER OT  
MAIN CASING TYPE ST  
Nominal diameter top (main) casing (nearest inch) 6  
Total depth of main casing (nearest foot) 68

OTHER CASING (if used)  
E A C H C A S I N G diameter inch depth (feet) from to

SCREEN RECORD  
screen type or open hole insert appropriate code below  
STEEL ST BRASS BR BRONZE BR PLASTIC PL OTHER OT  
DEPTH (nearest ft.) 66 225

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

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.

DRILLERS LIC. NO. 1 M SD024  
DRILLERS SIGNATURE Joseph E. Thayer  
LIC. NO. 1 D

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

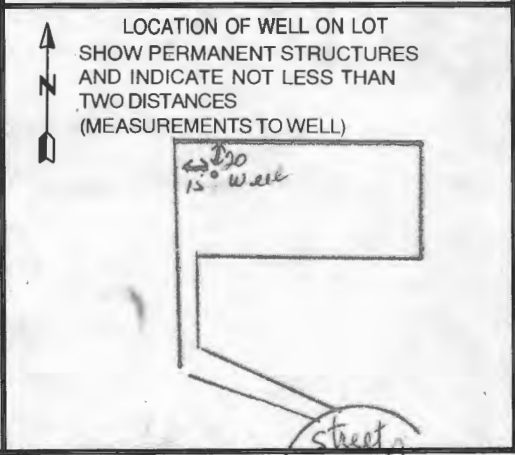
DEPTH (nearest ft.)  
E A C H C A S I N G 1 2 3  
1 8 9 11 15 17 21  
2 23 24 26 30 32 36  
3 38 39 41 45 47 51  
SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)  
56 60  
from to

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  
70 72 74 75 76  
TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST  
HOURS PUMPED (nearest hour) 3  
PUMPING RATE (gal. per min.) 10  
METHOD USED TO MEASURE PUMPING RATE Bucket  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 44 ft.  
WHEN PUMPING 70 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

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 } LAND SURFACE 2 (nearest foot)  
- below }



B 1 6719

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-2160 fill in this form completely

Date Received (APA)

OWNER INFORMATION

Highland Development P.O. Box 228 Clarksville Md. 21029

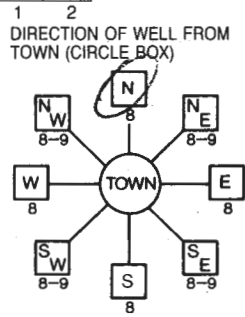
B 3 LOCATION OF WELL

Howard Knapp Property Celanwood 3 MILES FROM TOWN

DRILLER INFORMATION

Joseph H. Mayne MSD 024 Joseph H. Mayne Well Drilling 5512 Ridge Rd. Mt. Airy 21771

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Street B NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 700 FT

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5 APPROX. PUMPING RATE (GAL. PER MIN.) 500 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- Domestic Potable Supply & Residential Irrigation (D) Farming (F) Industrial, Commercial, Dewatering (I) Public Water Supply Well (P) Test, Observation, Monitoring (T) Geo-Thermal (G)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD 13 COUNTY NAME COUNTY NO. DATE ISSUED 03/23/99 CO SIGNATURE EXP. DATE 03/22/00 NORTH GRID 545 000 EAST GRID 0798 000

APPROXIMATE DEPTH OF WELL 300 FEET APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) AIR-ROTARY CABLE JETTED AIR-PERCussion REVerse-ROTary Jetted & DRIVEN ROTARY (Hydraulic Rotary) DRIVE-POINT

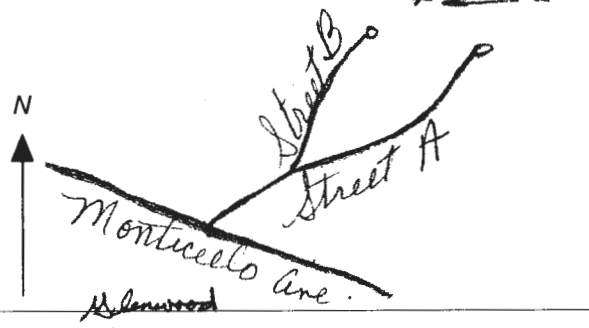
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

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 DEEPEMED AN EXISTING WELL

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. WELL

WRITE THE BOX NUMBER FROM THE MAP HERE E 798 N 5485

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



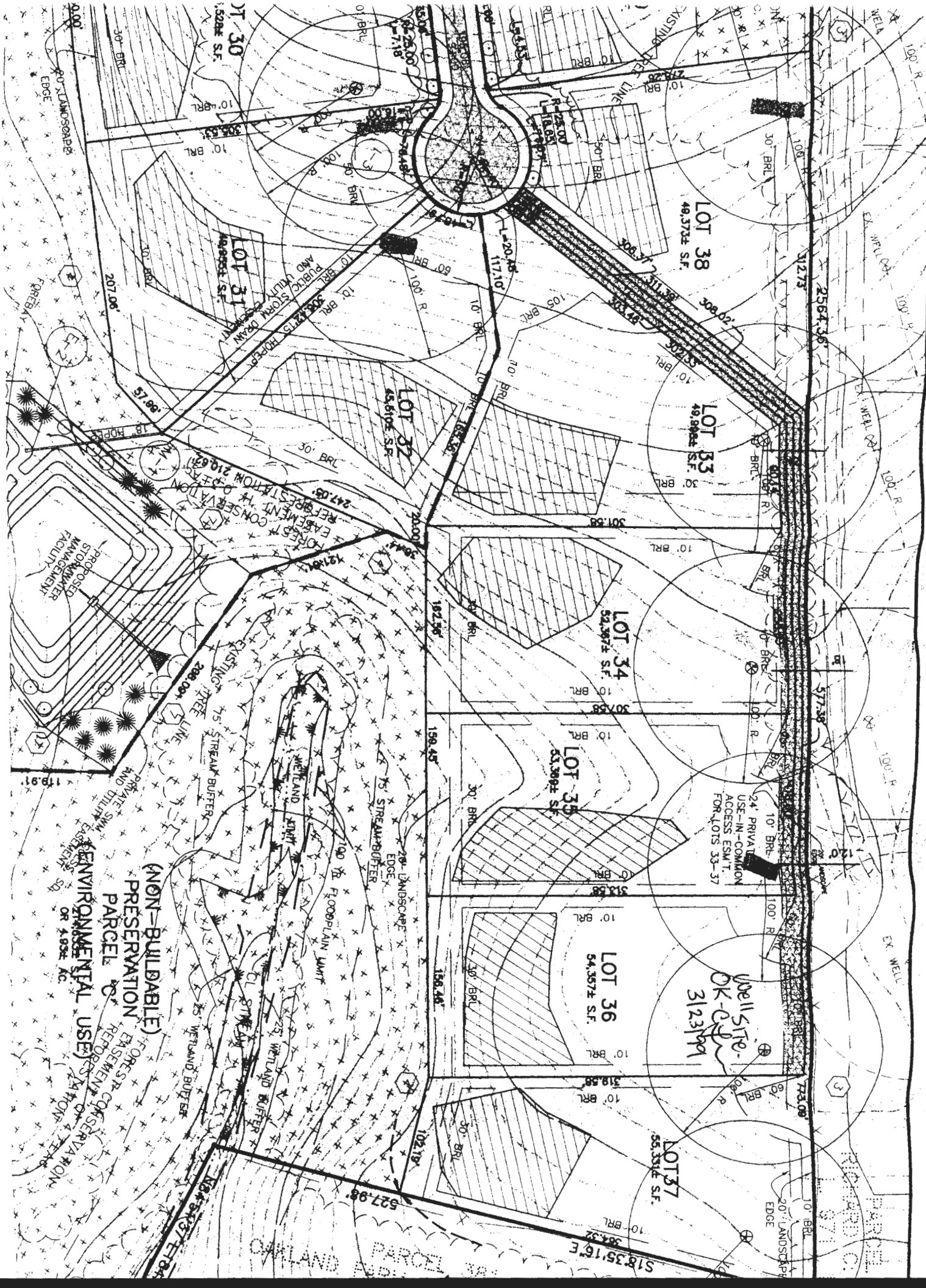
Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROX. PERMIT NUMBER 54 GAP 63 PERMIT No. HO-94-2160

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







**(NON-BUILDABLE)**  
**PRESERVATION PARCEL**  
 FOREST CONSERVATION EASEMENT  
 ENVIRONMENTAL USES  
 2.4 MOON OR 4.932 AC

USE 11 SITE  
 OK  
 3/12/99

OAKLAND PARCEL