

C1 193

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 COLUMNS 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 W. Williams, WELL SITE ADDRESS 5416 Jandy Ave, TOWN, SUBDIVISION, SECTION, LOT 26

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. Includes entries like Topsoil, Brn Clay, weathered rock, Grey Rock, Hard Grey Rock.

GROUTING RECORD WELL HAS BEEN GROUTED

TYPE OF GROUTING MATERIAL (Circle one) CEMENT [CM] BENTONITE CLAY [BC], NO. OF BAGS 24, NO. OF POUNDS 600, DEPTH OF GROUT SEAL 48 to 54 ft.

CASING RECORD casing types insert appropriate code below

MAIN CASING TYPE 60, Nominal diameter top (main) casing 63, Total depth of main casing 66

OTHER CASING (if used) table with columns for diameter and depth.

SCREEN RECORD screen type or open hole

DEPTH (nearest ft.) table with columns 1-21

SLOT SIZE 1, 2, 3, DIAMETER OF SCREEN 56 to 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, W Q, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour) 8.9, PUMPING RATE (gal. per min.) 11 to 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 (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 to 35. PUMP HORSE POWER 37 to 41. PUMP COLUMN LENGTH (nearest ft.) 43 to 47. CASING HEIGHT (circle appropriate box and enter casing height) 49 above/below LAND SURFACE (nearest foot) 50 to 51

LATITUDE 39.143213, LONGITUDE 76.8866001 (DEFAULT COORD. WGS 84)

NOTES: X GPO 1000, 26', Front

B 1 2 7
1 2 3 6

SEQUENCE NO.
(MDE USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO - 95 - 2564
70 fill in this form completely 79

545053 please type

Date Received (APA)

05 28 13
8 MM DD YY T3

OWNER INFORMATION

Williams Last Name
Owner
8416 Jandy Ave Street or RFD
Laurel MD 20723
57 Town 70 State 72 Zip 76

B 3

LOCATION OF WELL

Howard COUNTY
Leishear Knolls SUBDIVISION
SECTION 44 46 LOT 48 50
Laurel NEAREST TOWN

DRILLER INFORMATION

C. John Hess Driller's Name
MWD 553 License No.
Allied Environmental Svcs Firm Name
PO Box 129 Annap Junc MD 20701 Address
Signature Date

B 4

SOURCES OF DRILLING WATER

- 1. Public
- 2.
- 3.

8416 Jandy Ave STREET ADDRESS

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 80 37 DISTANCE FROM ROAD
ENTER FT OR MI 38 39

TAX MAP: 0046 BLK: 0011 PARCEL 0330

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)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- 22 INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- OPEN LOOP GEOTHERMAL
- 2 loops CLOSED LOOP GEOTHERMAL

NOT TO BE FILLED IN BY DRILLER
HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME 13 COUNTY NO.
STATE SIGNATURE INSERT S
DATE ISSUED 07/02/2013
43 MM DD YY 48 CO SIGNATURE 7/2/14 EXP. DATE

APPROXIMATE DEPTH OF WELL 225 FEET

APPROXIMATE DIAMETER OF WELL 6 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

PROPOSED LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



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

APPROP. PERMIT NUMBER G
PERMIT No. HO - 95 - 2564
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

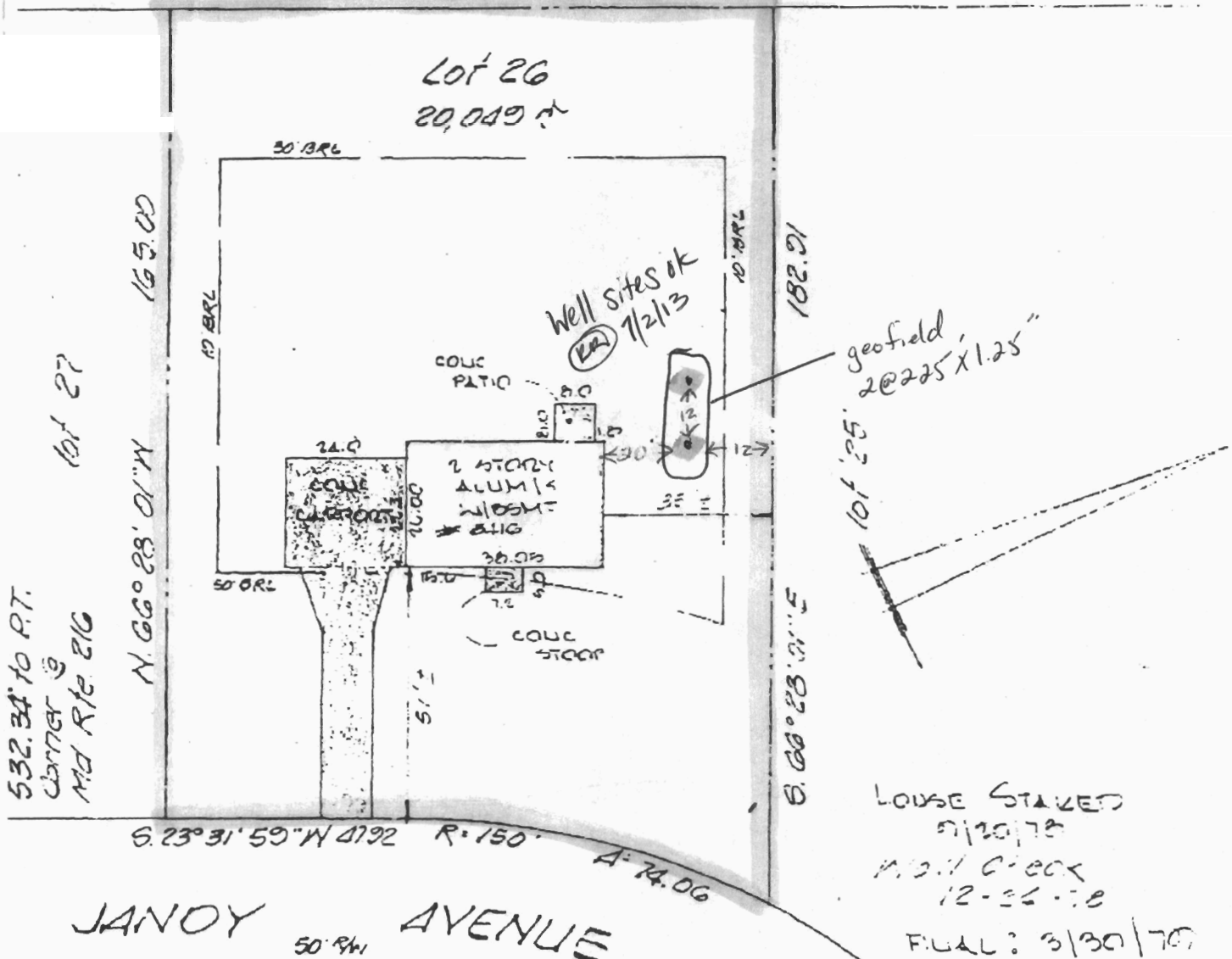
Well must be grouted from bottom top

N/E L.A. DALE et al.
L. 31/6 F. 203

House Location
8416 Jandy Avenue
Lot 26

LEISHEAR KNOLLE
Guilford No. 6 District
Howard County, Maryland

N. 23° 31' 59" E. 119.00



532.34 TO P.T.
Corner of
MD Rte 216

LOUSE STAKED
5/20/78
M.D. Creek
12-26-78
FILL: 3/30/79

JANDY AVENUE
50' R/W

NOTE: Lot corners have not been set by this survey unless otherwise indicated.

H. 1355-20

ENGINEER'S CERTIFICATE		REFERENCE	LIGHT, ELLIOTT & ASSOC. ENGINEERS - PLANNERS - SURVEYORS 8508 ADELPHI ROAD ADELPHI, MARYLAND 20783 422-6080
I hereby certify that I have carefully surveyed the property shown and described hereon, in accordance with record description, and have located all of the existing improvements thereon by a transit-tape survey, and that corners have been found or placed as shown, and that there are no encroachments either way across the property except as indicated.		PLAT BOOK	
		PI AT N°	
		LIBER	
		CHECKED: <input checked="" type="checkbox"/>	
		FOLIO	SCALE: 1" = 30'

GRADE

EACH BORE HOLE (TYP.)

MINIMUM

HORIZONTAL BURY

DEPTH 4 FT

FOR CONT.
SEE PLANS

Horizontal
PIPING

BORE DEPTH

225'

GROUT ENTIRE ANNULAR
SPACE AND VERTICAL
U-TUBE WITH (BENTANITE)
GROUT.

Intended grout Mix ratio 20% Solids

1 gal / 2 lbs of bentanite
H₂O

DEPTH MARKINGS IN FEET TO
INDICATE DEPTH OF INSERTION

TYPICAL VERTICAL U TUBE
1.25 INCHES

actual vertical U tube = 1.25 in

TYPICAL BORE DIAMETER
6.0 INCHES

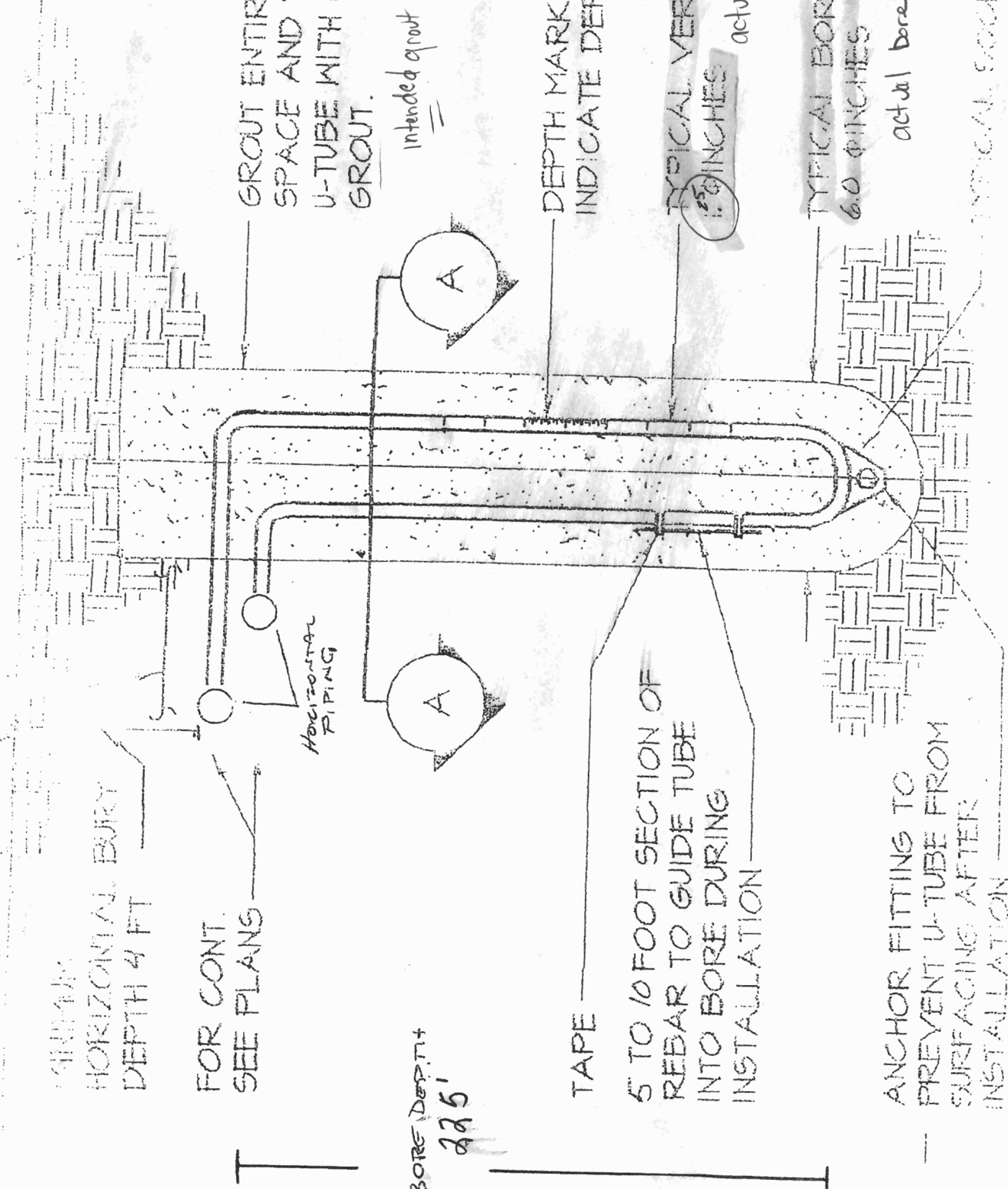
actual bore diameter - 6.0"

TYPICAL SPOCKET DEPTH

TAPE
5 TO 10 FOOT SECTION OF
REBAR TO GUIDE TUBE
INTO BORE DURING
INSTALLATION

ANCHOR FITTING TO
PREVENT U-TUBE FROM
SURFACING AFTER
INSTALLATION

1 gal for
every 2 lbs



9/9/13 - site visit to conduct grout inspection and driller still drilling 2nd bore hole - had 80-100 ft left to drill.

Not ready for grout insp. (RR)

9/10/13 - Well driller completed grout before inspection could be completed. (RH)

RESULTS OF REVIEW FOR FILE

DATE

FILE NOTES

80