

C1 14156

SEQUENCE NO. (MDE USE ONLY)

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

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

COUNTY NUMBER 4513359-G

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

ST/CO USE ONLY DATE RECEIVED MM 5 DD 30 YY 03

DATE WELL COMPLETED MM 5 DD 03

Depth of Well 22 500 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 140-44-3666

OWNER Williamsburg Group STREET OR RD Cedarview Ct TOWN W-Friendship SUBDIVISION FOX CHASE EST SECTION LOT 7

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 handwritten entries: Sand 0-26, Gray mica Rock 26-500, Dry wells backfilled, 600-40 drilling material, 40-0 cement, 560-40 drilling material, 40-0 cement.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 11 NO. OF POUNDS 1034 GALLONS OF WATER 66 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 26

CASING RECORD

MAIN CASING TYPE (S) (T) (P) (L) (C) (O) (R) (O) (T) (J) (S) Nominal diameter top (main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 30

OTHER CASING (if used)

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

SCREEN RECORD

screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) (J) (S) insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 2 WELL HYDROFRACTURED (Y) (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...

DRILLERS LIC. NO. 1 MSD024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. 1 D

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

Table for DEPTH (nearest ft.) with columns: 1-21, 23-26, 30-32, 36-39, 41-45, 47-51, 55-57, 61-63, 67-69, 73-75, 79-81. Includes handwritten entry: No 28 500

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 O TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 42 WHEN PUMPING 323 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 (CIRCLE) (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 2 (nearest foot)

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)

See attached well location OK

B 1 7709

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HD-94-3666

516923 please print or type

fill in this form completely

Date Received (APA)

04 11 02

OWNER INFORMATION

Williamsburg Group, 5485 Harpers Farm Rd, Columbia Md 21044

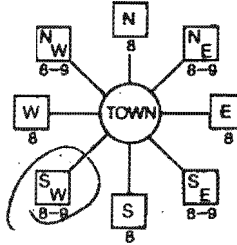
Howard LOCATION OF WELL

Fox Chase Estates, West Friendship, 1 mile from town

DRILLER INFORMATION

Joseph L. Mayne M S D O 24, Joseph L. Mayne Well Drilling, 5512 Ridge Rd Mt. Airy 21771, 4/9/02

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Cedarview Ct., 80 feet from road, Tax Map 15, Blk 22, Parcel 25

WELL INFORMATION

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard AS13359-G, Mark E. Reppin 4/8/04, NORTH GRID 531 000, EAST GRID 0812 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

AIR-ROTARY, JETTED, CABLE, 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 DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER G, PERMIT No. HD-94-3666

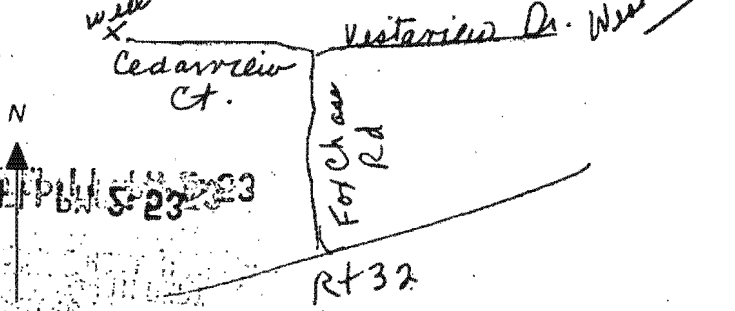
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8182, N 53A1

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



SPECIAL CONDITIONS

NOTICE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3666
 Location of property (road) Cedarview Ct.
 Subdivision Fox Chase Estates Lot 7 Block Plat Sec.
 Well Driller Joseph Mayne Owner Williamsburg Group

Depth of well 500'
 Distance of measuring point (M.P.) above ground 2'
 Static water level (S.W.L.) below M.P. 42'

I. High rate pumping -- reservoir drawdown
 Time pump started 6:45 Pumping rate 20 gpm
 Total time 45 min to reach pumping water level 323 ft below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 1/2 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:00	121'	3 sec		20 gpm
7:15	339	4		15
7:30	323	5		12
7:45	323	30		2
8:00	323	30		2
8:15	323	30		2
8:30	323	30		2
8:45	323	30		2
9:00	323	30		2
9:15	323	30		2
9:30	323	30		2
9:45	323	30		2
10:00	323	30		2
10:15	323	30		2
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10:45	323	30		2
11:00	323	30		2
11:15	323	30		2
11:30	323	30		2
11:45	323	30		2
12:00	323	30		2
12:15	323	30		2
12:30	323	30		2
12:45	323	30		2
HD-12:00	323	30		2
1:15	323	30		2
1:30	323	30		2

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: Fogles Well Drilling Telephone #: 410-795-5670
Address: 580 Obrecht Rd
Sykesville, MD 21784

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD009

*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Williamsburg Group Telephone #: _____
Subdivision: Fox Chase Estates Lot #: 7 Well Tag #: HO-94-3646
Site Address: Cedarview Ct

Submersible Pump Data

Make: Goulds
Model #: 55B10422
Pump Capacity: 5 GPM
Well Yield: 2 GPM

Pitless Adapter

Make: Camco
Model#: N/A
Depth: 36 (36" min)
NSF approved: yes

Well Cap and Electric Conduit

Two piece watertight cap: yes
Screened, vented well cap: yes
Cap secured to casing: yes
Conduit min 18" B.G.: yes
Conduit secured to well cap: yes

Depth of well encountered at time of pump installation: 500 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4

Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house

Type: 1" Black Plastic
PSI: 160 (160 psi min)
Depth of supply line: 42 (36" min)

House Connection

PVC sleeved to undisturbed soil at wall penetration: yes
Approximate length of sleeve: 5
Sleeve caulked and sealed properly: yes

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

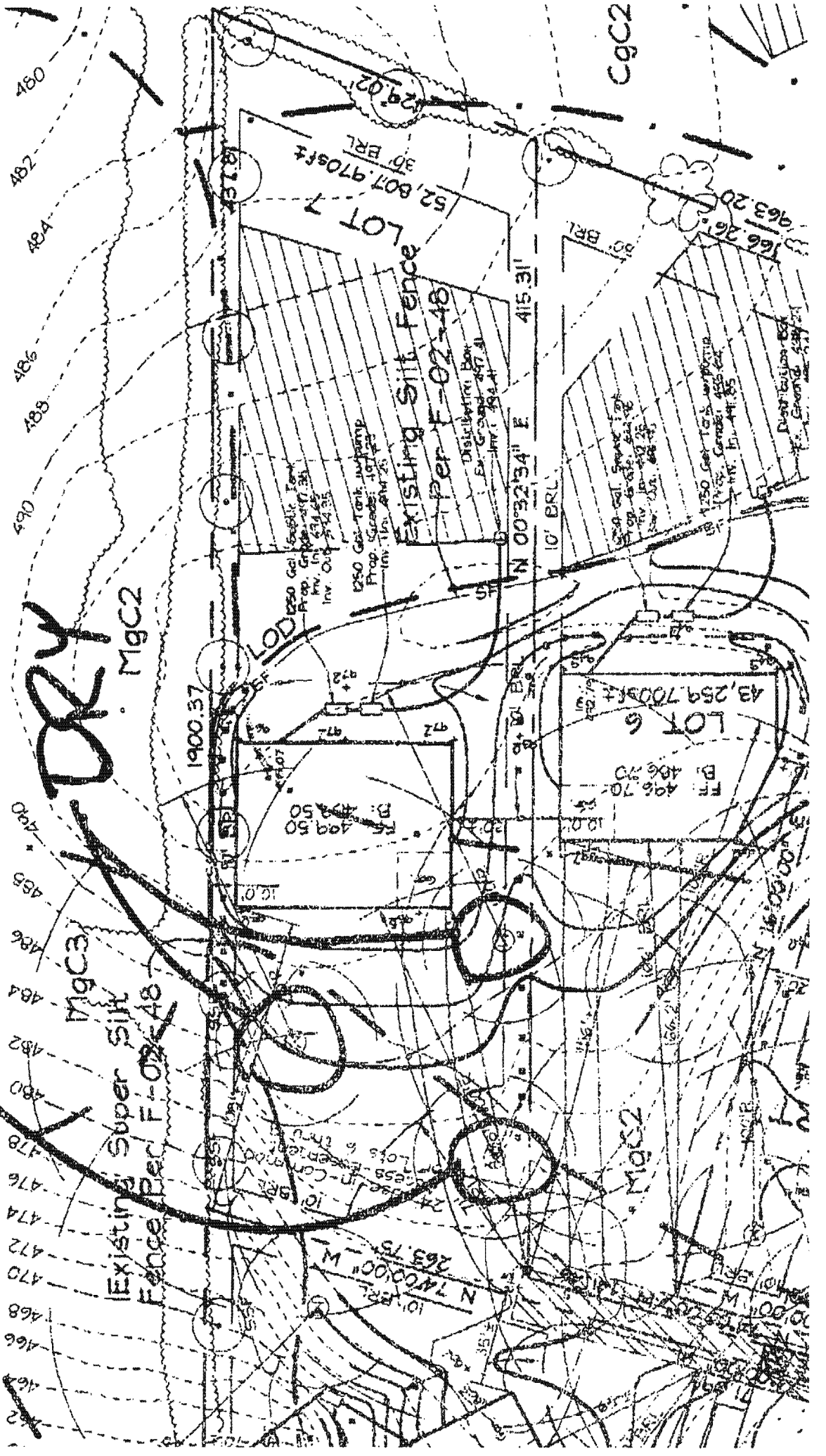
Signature of company representative responsible for installation: Allen Compton date: 11-7-03

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 10/29/03 Date Insp. Approved: 10/29/03 (50) SRK
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

WELL
SITS 512'S
ORD BY
SITS 512'S
MK ON
SITS 512'S
& 512/03

Good



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