

C1 3929

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

ST/CO USE ONLY

DATE Received MM 10 DD 22 YY 10

DATE WELL COMPLETED

MM 09 DD 14 YY 10

Depth of Well

22 600 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

HO - 95 - 1965

OWNER DUNBAR, DAVE last name first name STREET OR RFD 8507 Reservoir Rd TOWN FULTON SUBDIVISION BEAUFORT PARK SECTION LOT 4

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 FROM TO check if water bearing

Table with 3 columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Shale, Brown mica, Sand stone, Gray mica.

GROUTING RECORD

WELL HAS BEEN GROUDED (Circle Appropriate Box) YES Y NO N

TYPE OF GROUING MATERIAL (Circle one)

CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 30 NO. OF POUNDS 3000

GALLONS OF WATER 180

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 51 ft. (enter 0 if from surface)

CASING RECORD

Diagram showing casing types: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER)

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

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

SCREEN RECORD

Diagram showing screen types: ST (STEEL), BR (BRASS), HO (OPEN HOLE), PL (PLASTIC), OT (OTHER)

DEPTH (nearest ft.)

Table with 3 columns: SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN (NEAREST INCH); GRAVEL PACK

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min.) 1.2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 33 ft.

WHEN PUMPING 295 ft.

TYPE OF PUMP USED (for test) S submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) 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

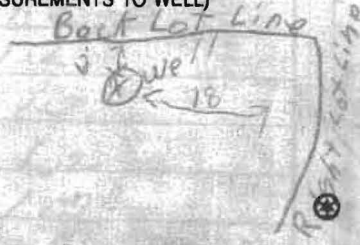
PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (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)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED YES Y NO 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" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

DRILLERS LIC. NO. 1 MWD 040, DRILLERS SIGNATURE George F. Kastendag

LIC. NO. 1 JSD 038

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

9-13-10

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. HO-95-1965 Election District _____

Location of Property (road) 8503 Reservoir Rd

Subdivision _____ Lot _____ Block _____ Plat _____ Sec. _____

Well Driller EASTERDAY Owner DAVE DUNBAR

Depth of Well 600 -

Distance of Measuring Point (M.P.) above ground 2 ft

Static Water Level (S.W.L.) below M.P. 33.20

- I. High Rate Pumping -- reservoir drawdown
 Time pump started 8:20 am Pumping rate 20 GPM
 Total time 40 min to reach pumping water level 294 ft. below M.P.
- II. Recovery pump test data - observations to be recorded every 15 minutes.

Tested by Dickie

TIME	WATER LEVEL Below M.P.	PUMPING RATE Time to fill one gal. bucket	Flow Meter Readings Pump Set (ft)	CALCULATED FLOW (gallons per min.)
9:00	294 FT	48 sec	480 FT	1.2
9:15	294 FT	48 sec		1.2
9:30	294 FT	48 sec		1.2
9:45	294 FT	48 sec		1.2
10:00	294 FT	48 sec		1.2
10:15	294 FT	48 sec		1.2
10:30	294 FT	48 sec		1.2
10:45	294 FT	50 sec		1.2
11:00	294 FT	50 sec		1.2
11:15	294 FT	50 sec		1.2
11:30	294 FT	50 sec		1.2
11:45	294 FT	50 sec		1.2
12:00	294 FT	50 sec		1.2
12:15	294 FT	50 sec		1.2
12:30	294 FT	50 sec		1.2
12:45	294 FT	50 sec		1.2
1:00	294 FT	50 sec		1.2
1:15	294 FT	50 sec		1.2
1:30	294 FT	50 sec		1.2
1:45	294 FT	50 sec		1.2
2:00	294 FT	50 sec		1.2
2:15	294 FT	50 sec		1.2
2:30	294 FT	50 sec		1.2
2:45	295 FT	50 sec		1.2
3:00	295 FT	50 sec		1.2