

C1 3714 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 A519693

ST/CO USE ONLY DATE Received MM DD YY 06 04 2004

DATE WELL COMPLETED MM DD YY 06 04 2004 Depth of Well 22 200 26 (TO NEAREST FOOT)

OK MR 6/18/04 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3964

OWNER Alteri Humpes STREET OR RFD 12720 Lime Kiln Rd TOWN Fulton SUBDIVISION Lime Kiln Valley SECTION LOT 305

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 (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Includes entry for Overburden Gray Rock with water at 142'.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y) NO (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 8 NO. OF POUNDS 320 GALLONS OF WATER 48 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 32 ft.

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 6 64 Total depth of main casing (nearest foot) 40

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

SCREEN RECORD

screen type or open hole (insert appropriate code below) (HO) DEPTH (nearest ft.) 40 200

C 3 PUMPING TEST

HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 2.60 METHOD USED TO MEASURE PUMPING RATE Submersible WATER LEVEL (distance from land surface) BEFORE PUMPING 40 ft. WHEN PUMPING 155 ft. TYPE OF PUMP USED (for test) 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 (-) below (nearest foot) 1

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)

Drilled on site marked by KCW.

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. M SD 162

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. JWD 241

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

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

B 1 3732

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-3964
fill in this form completely

520368 please type

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Altieri Homes
15 Last Name Owner First Name 34
9017 Red Branch Rd
36 Street or RFD 55
Columbia MD 21045
57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

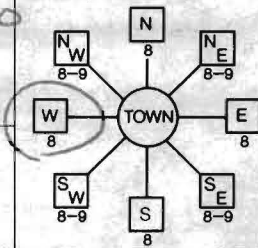
Howard
8 COUNTY 21
Lime Kiln Valley
23 SUBDIVISION 42
SECTION 44 46 LOT 35 48 50
Fulton
52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 2.1 M I
73 76 77 78

DRILLER INFORMATION

Michael Ison M S D I L 2
76 Driller's Name License No. 81
G Edgar Harr Sons Corp
Firm Name
12047 Fatts Rd Cockersville 21030
Address
MLA 5-18-04
Signature Date

B 4
1 2
DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Lime Kiln Rd
11 NEAR WHAT ROAD 30
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
34 700 37
DISTANCE FROM ROAD ENTER FT OR MI FT 38 39
TAX MAP: 40 BLK: 23 PARCEL 490

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5
8 12
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 750
14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- I INDUSTRIAL, COMMERCIAL, DEWATERING
- P PUBLIC WATER SUPPLY WELL
- T TEST, OBSERVATION, MONITORING
- G GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME
COUNTY NO. 1519693
STATE SIGNATURE _____ INSERT S →
DATE ISSUED 6/1/04 John D. H. 41
43 MM DD YY 48 CO SIGNATURE EXP. DATE
NORTH GRID 482 0 0 0 EAST GRID 892 0 0 0
50 55 57 63

APPROXIMATE DEPTH OF WELL 250 FEET
24 28

APPROXIMATE DIAMETER OF WELL 6 NEAREST 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)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
 - X 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 DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. Well
- 2.
- 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

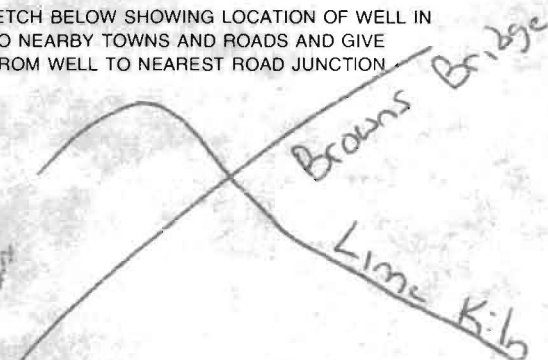
E 810 2

N 480 2

000
000

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

N



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

APPROX. PERMIT NUMBER _____ G
PERMIT No. HO-94-3964
70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2964
 Location of property (road) 12720 Lime Kiln Rd
 Subdivision Lime Kiln Valley Lot 25 Block _____ Plat _____ Sec. _____
 Well Driller Harr Owner SS

Depth of well 200 Ft
 Distance of measuring point (M.P.) above ground 1 Ft
 Static water level (S.W.L.) below M.P. 40 Ft

I. High rate pumping -- reservoir drawdown

Time pump started 1215 Pumping rate 15.00
 Total time 1 Hr to reach pumping water level 154 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 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
1215	40 Ft	4		15.00
1230	105	7		8.57
1245	149	8		7.50
1300	153	19		3.15
1315	154	23		2.60
1330	154	23		2.60
1345	154	23		2.60
1400	155	23		2.60
1415	155	23		2.60
1430	155	23		2.60
1445	155	23		2.60
1500	155	23		2.60
1515	155	23		2.60
1530	155	23		2.60
1545	155	23		2.60
1600	155	23		2.60
1615	155	23		2.60
1630	155	23		2.60
1645	155	23		2.60
1700	155	23		2.60
1715	155	23		2.60
1730	155	23		2.60
1745	155	23		2.60
1800	155	23		2.60
1815	155	23		2.60
1830	155	23		2.60
1845	155	23		2.60
1900	155	23		2.60

