

QUEEN ANNE'S COUNTY HEALTH DEPARTMENT
CENTREVILLE, MARYLAND 21617
758-2281

SCANNED

APPLICATION FOR SANITARY CONSTRUCTION PERMIT

This permit is for an Interim Individual system. The property owners must discontinue use of this individual system & connect to the community system when the community system becomes available.

1. Owner: Houghton, Arthur, Car Michael Farm
2. Builder or General Contractor: Queens Town, Md.
3. Plumber:
4. Exact Location of Building Site: Election Dist. 5, Tax Map 666, Parcel 47

5. Lot Size: 311.38 Acreage
6. Type of Construction: () New Building () Remodeling () Mobile Home () Addition
7. Planned use of building: (X) Residence () Commercial/Business () Institutional, Gov't. etc. () Other
Cottage in field (use)

8. Use Factors: (X) No. of Bedrooms, No. of persons served during a 24 hr. period
() Basement Fixtures () Garbage Disposal () Washing Machine
() Other Square Footage of Building

9. Water Supply: () Community (X) Individual (X) Confined Well () Unconfined Well () New (X) Existing () Other
Distance of well from any Septic System or Sewage Reserve Area: min 50'

10. Disposal System Proposal: (X) Drainfield () Seepage Bed () Sand Mound () Other ADD TO EXISTING SYSTEM

To Be Installed By: MANS FIELD & SON
11. I, signature of Owner/Agent, address, date

hereby agree to have the sewage disposal facilities installed in accordance with applicable regulations and to utilize best known recognizable and available installation practices. Any changes to this permit must have approval from the Approving Authority. This permit expires 2 years after date of issue.

DO NOT WRITE BELOW THIS LINE
OFFICIAL USE ONLY

5-15-00

12. Soil Test Results: Percolation Test # ADD ON Rate 1" / 110 minutes. Depth to Porous Soil 5'

13. Septic Tank: Liquid Capacity gallons. Number of tanks. Type

14. Tile field (if used): Total length of tile field 200' ft. Length of each trench 100-100. Depth of Trench 6' ft.
Width of each trench 2' ft. Depth of drain tile 18" #6

15. Seepage pit (if used): Total depth ft. Size x ft. Number of Pits

16. Distance to any water supply to nearest part of: Septic tank min 50' ft. Drainfields min 50' ft. Seepage Pit ft.

17. Building Permit No. Sanitary Permit No. 4105 Plumbing Permit No.

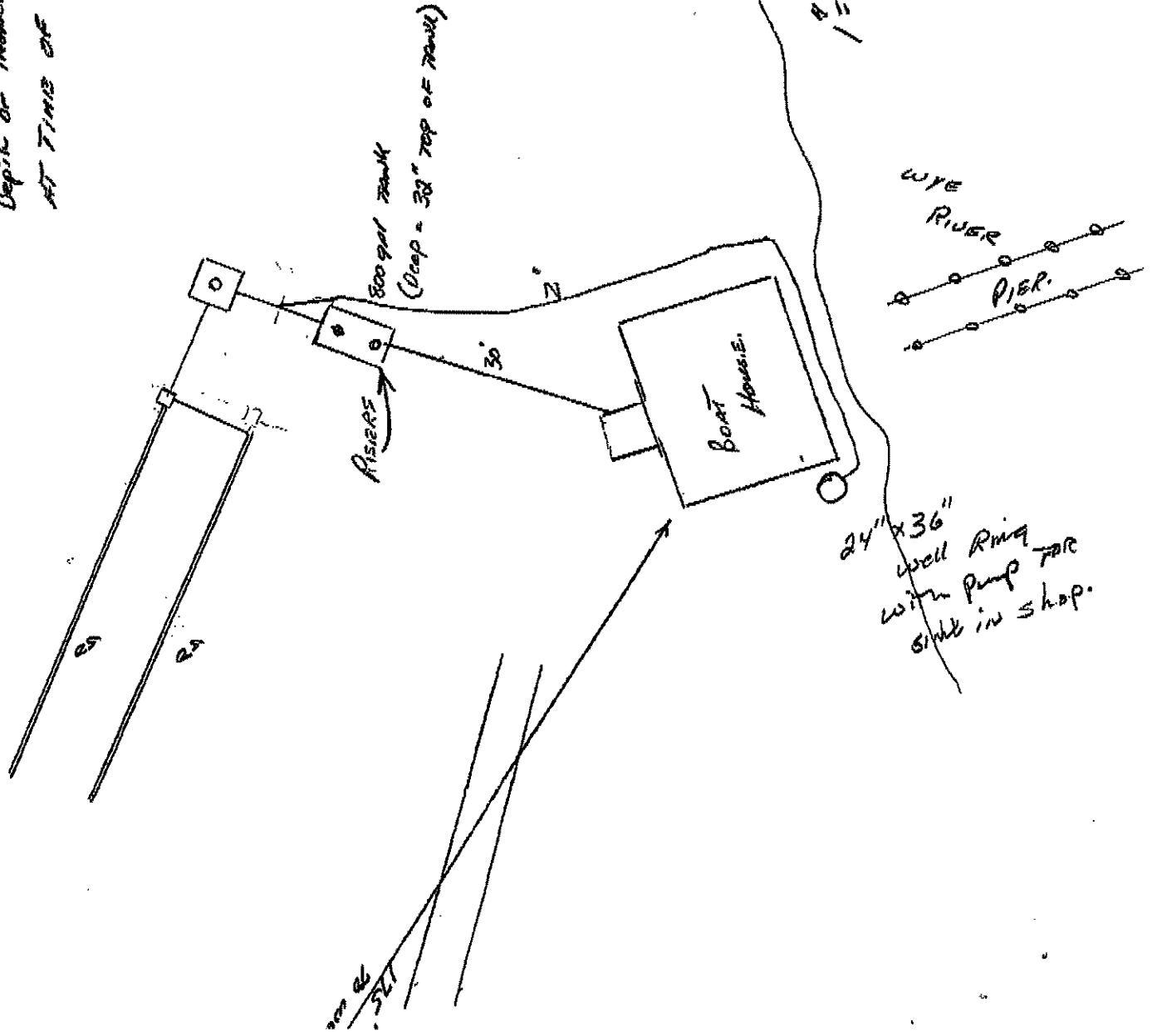
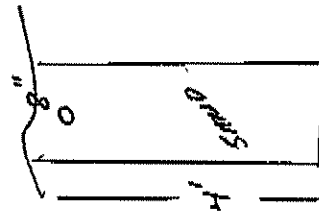
18. Plans and Application Approved 5-15-00 by Thomas R. Millard Queen Anne's Health Department (Approving Authority)

19. Final Inspection 5-18-00 by Thomas R. Millard

ADD ON 200' PER HOUGHTON REQUEST.

Depth of trench to be determined
at time of construction

- 0-28-20mm
- 28-60 5. Lorum
- 50-80 2. SAND



C1 8875 SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-8 ON ALL CARDS) SCANNED

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 DD YY
 8 13

DATE WELL COMPLETED

MM DD YY
 7 13 01

Depth of Well

22 24 26
 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL"

QA- 94-2537
 28 29 30 31 32 33 34 35 36 37

OWNER Houghton NINA
 STREET OR RFD 125 Carmichael Farm Rd TOWN Queentown
 SUBDIVISION _____ SECTION _____ LOT _____

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	
Top soil	0	1	
Tan Fine Sand	1	9	
Large Stones w Silty tan Sand	9	10	
Silty Brown Med Sand	10	15	
Brown Med Sand	15	24	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS 11 NO. OF POUNDS 100/50
 GALLONS OF WATER _____
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 2 ft.
 (enter 0 if from surface)

CASING RECORD

caseing types insert appropriate code below
ST STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER
 MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 4

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or open hole insert appropriate code below
ST STEEL **BR** BRASS **HO** OPEN HOLE
PL PLASTIC **OT** OTHER

NUMBER OF UNSUCCESSFUL WELLS: _____

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 28.04.04 "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 MWD 517

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 MWD 046

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

C 2 DEPTH (nearest ft.)

PL 4 24
 8 9 11 15 17 21
 23 24 26 30 32 36
 38 39 41 45 47 51
 SLOT SIZE 1 20 2 _____ 3 _____

DIAMETER OF SCREEN 4 (NEAREST INCH)
 58 _____ 60 _____
 from _____ to _____

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68
3 24
 _____ 68 _____

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

70 _____ 72 _____ 74 75 76 _____
 TELESCOPE LOG OTHER DATA
 CASING INDICATOR

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 5
 PUMPING RATE (gal. per min.) _____
 METHOD USED TO MEASURE PUMPING RATE _____
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 11 ft.
 WHEN PUMPING 22 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 (CIRCLE) (YES or NO) YES **N**
 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 28. 28
 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 } 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 Permit

C1 8876 SEQUENCE NO. (MDE USE ONLY)

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

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

BY/CO USE ONLY
 DATE Received
 MM DD YY
 8 13 19

DATE WELL COMPLETED
 MM DD YY
 7 13 01

Depth of Well
 22 24 26
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 DA-94-2537

OWNER Houghton Nina
 STREET OR RFD 158 Carmichael Farm Rd TOWN Queenstown
 SUBDIVISION _____ SECTION _____ LOT _____

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	
Topsoil	0	1	
Tan Sand	1	11	
Large Rocks & Sitty Tan Sand	11	12	
Med-Gray Sand & Silt	12	24	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**

TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS 11 NO. OF POUNDS 50

GALLONS OF WATER _____

DEPTH OF GROUT SEAL (to nearest foot)
 from 48 TOP 52 ft. to 54 BOTTOM 58 ft.
 (enter 0 if from surface)

CASING RECORD

Insert appropriate code below

STEEL **ST** CONCRETE **CO**
 PLASTIC **PL** OTHER **OT**

MAIN CASING TYPE **PL** Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 4'

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or open hole

Insert appropriate code below

STEEL **ST** BRASS **BR** OPEN HOLE **HO**
 BRONZE **PL** OTHER **OT**
 PLASTIC

C 2 DEPTH (nearest ft.)

PL 4 24

E 0 8 11 15 17 21
 A 23 24 28 30 32 36
 C 3
 S 38 39 41 45 47 51
 R
 E SLOT SIZE 1 20 2 3
 N

DIAMETER OF SCREEN 4 (NEAREST INCH)
 from 56 to 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 60

3 24

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

70 72 74 75 76

TELESCOPE CABING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 5

PUMPING RATE (gal. per min.) 11 15

METHOD USED TO MEASURE PUMPING RATE _____

WATER LEVEL (distance from land surface)

BEFORE PUMPING 17 20 ft.
 WHEN PUMPING 22 25 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 (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 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

GASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE
- below } (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 Permit

NUMBER OF UNSUCCESSFUL WELLS: _____

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DRILLERS LIC. NO. MWD 517

DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. MWD 046

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

C1 8874 SEQUENCE NO. (MDE USE ONLY)

1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 3-6 ON ALL CARDS)

SCANNED

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

SY/CO USE ONLY
 DATE RECEIVED
 MM DD YY
 8 13

DATE WELL COMPLETED
 MM DD YY
 7 13 01

Depth of Well
 22 24 28
 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 0A-94-2537

OWNER Houghton KINA
 STREET OR RFD 158 Carmichael Farm Rd TOWN Queenstown
 SUBDIVISION _____ SECTION _____ LOT _____

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	
Top Soil	0	1	
Tan Sand	1	10	
Large Rocks & Tan Sand	10	12	
Gray Med Sand	12	24	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box)
 YES NO

TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT BENTONITE CLAY

CEMENT NO. OF BAGS 11 NO. OF POUNDS 100/50

GALLONS OF WATER _____

DEPTH OF GROUT SEAL (to nearest foot)
 from 48 TOP 52 ft. to 54 BOTTOM 58 ft.
 from 0 ft. to 0 ft. (enter 0 if from surface)

CASING RECORD

casings types insert appropriate code below

STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 4

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or open hole

STEEL BRASS OPEN HOLE
 BRONZE PLASTIC OTHER

NUMBER OF UNSUCCESSFUL WELLS: _____

WELL HYDROFRACTURED YES NO

- 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. MWD 517

DRILLER'S SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 15046

C 2 DEPTH (nearest ft.)

1 PL 4' 24'

2 8 11 15 17 21

3 23 24 26 30 32 38

4 38 39 41 45 47 51

SLOT SIZE 1 620 3

DIAMETER OF SCREEN 4 (NEAREST INCH)
 from 56 to 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 3 24

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.B.) _____ W Q _____

70 _____ 72 _____ 74 75 76 _____

TELESCOPE CASING _____ LOG INDICATOR _____ OTHER DATA _____

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 1

PUMPING RATE (gal. per min.) _____

METHOD USED TO MEASURE PUMPING RATE _____

WATER LEVEL (distance from land surface)

BEFORE PUMPING _____ ft.
 WHEN PUMPING _____ ft.

TYPE OF PUMP USED (for test)

A air P platon 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 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____

PUMP HORSE POWER _____

PUMP COLUMN LENGTH (nearest ft.) _____

CASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE
 - below } _____ (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 Permit

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

WELL COMPLETION REPORT

FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE

COUNTY NUMBER

BT/CO USE ONLY
DATE Received

DATE WELL COMPLETED

Depth of Well
(TO NEAREST FOOT)

SCANNED

PERMIT NO.
FROM "PERMIT TO DRILL WELL"

OWNER last name first name TOWN

STREET OR RFD SUBDIVISION SECTION LOT

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

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO

TYPE OF GROUTING MATERIAL CEMENT BENTONITE CLAY

NO. OF BAGS NO. OF POUNDS GALLONS OF WATER

DEPTH OF GROUT SEAL (to nearest foot) from ft. to ft.

CASING RECORD

STEEL CONCRETE PLASTIC 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

STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

C2

DEPTH (nearest ft.) EACH SCREEN

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour)

PUMPING RATE (gal. per min. to nearest gal.)

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface) BEFORE PUMPING

WHEN PUMPING

TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

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)

- 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 IDENT. NO.

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

DEPTH OF TRENCH TO BE DETERMINED
AT TIME OF CONSTRUCTION

- 0-28-20mm
- 28-50 S. LORAM
- 50-80 L. SAND

