Well Construction Report
WISCONSIN UNIQUE WELL NUMBER XC371

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707

Form 3300-077A

Property Owner: SCHAEFER, MARK	Phone #
Mailing Address: N82 W28611 HILLCREST DR	
City: HARTLAND	State: WI Zip Code: 53029
County: Waukesha	Co. Permit #:	Notification #: 50534148	Completed: 02-04-2014
Well Constructor (Business Name): PAUL F KUCK	Lic. #: 6875	Facility ID # (Public Wells):
Address: KUCK WELL DRLG & PUMP SERV NEOSHO WI 53059	Well Plan Approval #:	Approval Date (mm-dd-yyyy):
Hicap Permanent Well #:	Common Well #:	Specific Capacity: 0.7

1. Well Location

Town of MERTON

Fire # (if avail.)

Street Address or Road Name and Number: N82 W28659 HILLCREST DR

Subdivision Name	Lot #	Block #

Latitude / Longitude in Decimal Degree (DD)	Method Code
43.1683 °N -88.31357 °W	GPS008

NE SW or Govt Lot #	Section	Township	Range
	12	8 N	18 E

2. Well Type Replacement

of previous unique well # constructed in

Reason for replaced or reconstructed well ?

SAND POINT FAILURE-WATER LINE FREEZE-UP

Construction Type: Drilled

3. Well serves 1 # of

Private,potable

Heat Exchange____# of drillholes

Hicap Well ? No

Hicap Property ? No

Hicap Potable ?

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
10	Surface	5
6	5	78

Upper Enlarged Drillhole / Lower Open Bedrock

- Rotary - Mud Circulation .....
- Rotary - Air .....
- Rotary - Air & Foam .....
- Drill-Through Casing Hammer
- Reverse Rotary
- Yes Cable-tool Bit ____in. dia... No
- Dual Rotary .....
- Temp. Outer Casing ____in. dia
  Removed? ____depth ft. (If NO explain on back side)

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
-	-	G	G	GRAVEL W/COBBLES	Surface	18
T	-	G	S	BROWN SANDY GRAVEL	18	43
T	A	G	-	COARSE GRAVEL (BROWN)	43	53
T	-	C	S	BROWN SANDY CLAY	53	68
T	M	S	-	MEDIUM BROWN SAND	68	78

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6	19.45 .280 T/C ASTM A53 WHEATLAND	Surface	75
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)
6	TELESCOPING S.S. 18 SLOT W/K-PACKER	75	78

9. Static Water Level

48 ft. below ground surface

10. Pump Test

Pumping level 63 ft. below surface

Pumping at 10 GP M for 5 Hrs.

Pumping Method ?

11. Well Is

12 in. above grade

Developed ? Yes

Disinfected ? Yes

Capped ? Yes

7. Grout or Other Sealing Material

Method

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
CLAY SANDY SLURRY W/BENTONITE CRUMBLES	Surface	5	S

12. Notified Owner of need to fill & seal ?

Filled & Sealed Well(s) as needed? No

NOT CONTRACTED TO DO

13. Constructor / Supervisory Driller	Lic #	Date Signed
PFK		02-04-2014
Drill Rig Operator	**Lic or Reg #**	**Date Signed**
PFK		

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance
POWTS dispersal component (soil absorption unit or mound)		50
Building Overhang		7

Type	Qualifier	Distance
Sewer - Building Sanitary		43
Septic or Holding, or POWTS Tank		45

Comment:

Created On: 03-11-2014 Updated On: 07-12-2019 Review Status: