

WATER WELL AND PUMP RECORD

Completion is required under authority of Part 127 Act 368 PA 1978

Failure to comply is a misdemeanor

PERMIT NO:

B 1044

TAX NO:

1. LOCATION OF WELL

County

Barry

Township Name

CASTLETON

Fraction

NE 1/4 NW 1/4 NW 1/4

Section No.

7

Town No.

3 N

Range No.

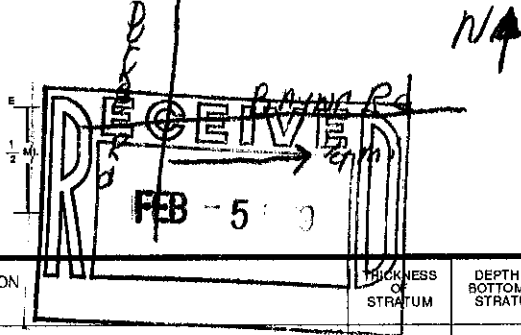
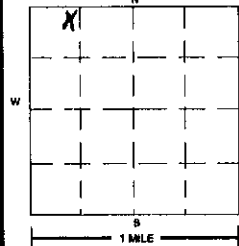
7 W

Distance and Direction from Road Intersection

Street Address & City of Well Location **5311 Bayne Rd.**

Locate with 'x' in Section Below

Sketch Map



2. FORMATION DESCRIPTION

THICKNESS OF STRATUM

DEPTH TO BOTTOM OF STRATUM

Red Clay Red Clay, Gravel	11	11
Blue Clay	16	27
Gravel, sand, Blue Clay	37	64
Gravel, sand	3	67
Gravel, sand, Blue Clay	137	204
Red Clay, Gravel, sand	11	215
Red Clay, sand	9	224
Blue Clay, Gravel, sand	20	244
sand rock	11	258
Chon Pyrite	1	259
sand rock	43	302

195' - SDR-21 5" PUC well casing

60' - SDR-17 5" PUC well casing

5" PUC Bell on bottom

RECEIVED

MICH DEPT OF ENVIRONMENTAL QUALITY

FEB 28 1999

USE A 2ND SHEET IF NEEDED

15. ABANDONED WELL PLUGGED? ☐ Yes ☒ No

Casing Diameter

None

Depth

ft.

PLUGGING MATERIAL

☐ Cement/Bentonite Slurry

☐ Neat Cement

☐ Bentonite Slurry

☐ Concrete Grout

☐ Bentonite Chips

No. of Bags

Casing Removed?

☐ Yes ☒ No

16. REMARKS: (Elevation, Source of Data, etc.)

17. DRILLING MACHINE OPERATOR:

☒ Employee ☐ Subcontractor

Name

Douglas Franklin

18. PUMP:

☐ Not Installed

☐ Pump Installation Only

Manufacturer's Name

Champion

Model Number

J5050 B

HP

5

Volts

460V 3PH

Length of Drop Pipe

169' 2" CW

Capacity

50

G.P.M.

TYPE:

☒ Submersible

☐ Jet

☐ Other

PRESSURE TANK:

Manufacturer's Name

Champion

Draw Down

Model Number

CM 22050

Capacity

36.9

4 TANKS

18. WATER WELL CONTRACTOR'S CERTIFICATION:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Newton's Well Service Chs 2167

REGISTERED BUSINESS NAME

REGISTRATION NO.

Address

550 E. Cloverdale Rd Hastings, MI

Signed

Michael T. Kessler

Date

2-4-99

AUTHORIZED REPRESENTATIVE

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
DRINKING WATER & RADIOLOGICAL PROTECTION DIVISION
WATER WELL AND PUMP RECORD**

Completion is required under authority of Part 127 Act 368 PA 1978
Failure to comply is a misdemeanor

TAX NO:

PERMIT NO:

1. LOCATION OF WELL

County

Barry

Township Name

Castleton

Fraction

SE 1/4 NE 1/4 NW 1/4

Section No.

7

Town No.

3W

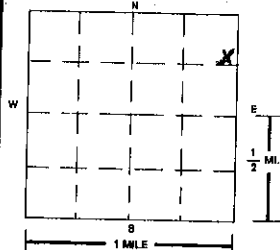
Range No.

7W

Distance and Direction from Road Intersection

Street Address & City of Well Location

Locate with 'X' in Section Below



Sketch Map

Bayne Rd

Martin

X Septic

2. FORMATION DESCRIPTION

THICKNESS
OF
STRATUM

DEPTH TO
BOTTOM OF
STRATUM

Red Clay, sand	11	11
Blue Clay	34	45
Gravel, sand, little Blue Clay	4	49
Gravel, sand, Blue Clay	30	79
Gravel, sand	3	82
Gravel, sand, Blue Clay	62	144
Gravel, sand	6	150

150' SDR-21 5" PVC Well Casing
Bottom 5' w/ 3/4" holes drilled 10'
apart 5" PVC Cap on bottom

3. OWNER OF WELL

Address

Mr & Mrs Bill Barry
751 Martin Rd
Woodland, MI 48897

Address Same as Well Location ☐ Yes ☒ No

4. WELL DEPTH:

Date Completed

150' ft. 4/22/99

☐ New Well

☒ Replacement Well

5. ☐ Cable Tool

☒ Rotary

☐ Driven

☐ Dug

☐ Hollow Rod

☐ Auger/Bored

☐ Jetted

☐

6. USE: ☒ Household

☐ Type I Public

☐ Type III Public

☐ Irrigation

☐ Type IIa Public

☐ Heat Pump

☐ Test Well

☐ Type IIb Public

☐

7. CASING: ☐ Steel

☐ Threaded

Height Above/Below

☒ Plastic

☐ Welded

Surface: 1 1/2 ft

☐ Other

Diameter: 5 in. to 150 ft. depth

Weight: SDR-21 lbs./ft.

BORE HOLE:

Diameter: 8 1/2 in. to 150 ft. depth

☐ Drive Shoe

in. to ft. depth

☐ Shale Packer

8. SCREEN: ☐ Not Installed

☐ Gravel-Packed

Type 1/4"

Diameter 3" Rys Sig

Slot/Gauze 20

Length: 4

Set Between 145 ft. and 150 ft.

FITTINGS: ☒ R-Packer

☐ Bremer Check

☒ Blank Above Screen 6' Below Other

9. STATIC WATER LEVEL:

80 ft. Below Land Surface ☐ Flowing

10. PUMPING LEVEL: Below Land Surface

ft. After hrs. Pumping at 30/35 G.P.M.

☐ Plunger

☐ Bailor

☒ Air

☐ Test Pump

11. WELL HEAD COMPLETION:

☒ Pitless Adapter

☒ 12" Above Grade

☐ Basement Offset

☐ Well House

12. WELL GROUTED? ☐ No ☒ Yes

From 0 to 140 ft.

☐ Neat Cement

☒ Bentonite

☐ Other

No. of Bags 8

Additives E-2 mud

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:

Type Septic Distance 70+ ft. Direction S/W

Type Field 1011 Distance 65+ ft. Direction S/W

14. PUMP: ☐ Not Installed

☐ Pump Installation Only

Manufacturer's Name Wellpro

Model Number 102510148HP 1 Volts 220

Length of Drop Pipe 120 ft. Capacity 10 G.P.M.

TYPE: ☒ Submersible ☐ Jet ☐ Other

PRESSURE TANK:

Manufacturer's Name Champion

Model Number 17002 Capacity Drawspan Gallons 26.7

18. WATER WELL CONTRACTOR'S CERTIFICATION:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Newton's Well Service Inc 2167

REGISTERED BUSINESS NAME

REGISTRATION NO.

Address 550 E. Cloverdale Rd Hastings, MI

Signed Michael T. Keshu Date 4-28-99

AUTHORIZED REPRESENTATIVE

TAX NO:

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

PERMIT NO:

1. LOCATION OF WELL

County

Barry

Township Name

CASTLETON

Fraction

SE 1/4 SE 1/4 SE 1/4

Section No.

7

Town No.

3 No

Range No.

7 W

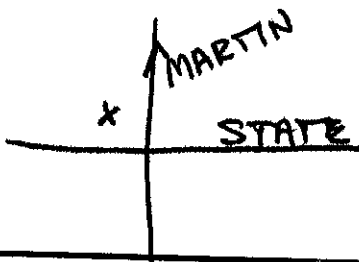
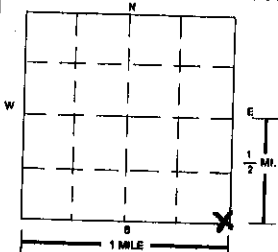
Distance and Direction from Road Intersection

NE CORNER OF MARTIN RD.
& STATE RD.

Street Address & City of Well Location

Locate with 'x' in Section Below

Sketch Map



2. FORMATION DESCRIPTION

THICKNESS
OF
STRATUMDEPTH TO
BOTTOM OF
STRATUM

TOP SOIL	1	1
TAN CLAY & STONES	13	14
SANDY TAN CLAY	22	36
SANDY GREY & TAN MIX	12	48
MED. → COARSE SANDY GRAL	5	53

3. OWNER OF WELL

Address

STEVE QUADA
2302 E. QUIMBY RD.
HASTINGS, MI.Address Same as Well Location ☐ Yes ☒ No

4. WELL DEPTH:

Date Completed

53 ft.

10/6/94

☐ New Well☒ Replacement Well5. ☐ Cable Tool☐ Rotary☐ Driven☐ Dug☐ Hollow Rod☐ Auger/Bored☒ Jetted

6. USE:

☒ Household☐ Type I Public☐ Type III Public☐ Irrigation☐ Type IIa Public☐ Heat Pump☐ Test Well☐ Type IIb Public☐

7. CASING:

☒ Steel☒ Threaded

Height: Above/Below

☐ Plastic☐ Welded

Surface: 0 ft

☐ Other

Diameter: 2 in. to 49 ft. depth

in. to ft. depth

Weight: 3.75 lbs./ft.

BORE HOLE:

Diameter: 2 in. to 53 ft. depth

in. to ft. depth

☒ Drive Shoe☐ Shale Packer8. SCREEN: ☐ Not Installed ☐ Gravel-Packed

Type

STAINLESS

Diameter 1 1/4

Slot/Gauze

.012

Length: 4

Set Between

49 ft. and

53 ft.

FITTINGS:

☐ K-Packer☒ Bremer Check☒ Blank Above Screen

2 ft. Other

9. STATIC WATER LEVEL:

29 ft. Below Land Surface

☐ Flowing

10. PUMPING LEVEL: Below Land Surface

29 ft. After 6 hrs. Pumping at

10 G.P.M.

☒ Plunger☐ Bailer☐ Air☐ Test Pump

11. WELL HEAD COMPLETION:

☒ Pitless Adapter☐ 12" Above Grade☒ Basement Offset☐ Well House

12. WELL GROUTED?

☐ No ☒ Yes

From 0 to 47 ft.

☐ Neat Cement☒ Bentonite☐ Other

No. of Bags

1

Additives

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:

Type

STATIC

Distance

75 ft. Direction

Type

Distance

ft. Direction

NE

14. PUMP:

☐ Not Installed☐ Pump Installation Only

Manufacturer's Name

MYERS

Model Number

10-75 D

HP

3/4

Volts

115

Length of Drop Pipe

42 ft.

Capacity

10 G.P.M.

TYPE:

☐ Submersible☒ Jet☐ Other

PRESSURE TANK:

Manufacturer's Name

CLAYTON MARK

Model Number

CM-202

Capacity

6.6 Gallons

15. WATER WELL CONTRACTOR'S CERTIFICATION:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Patter Water Works

REGISTERED BUSINESS NAME

08-1857

REGISTRATION NO.

Address 7311 Bivens, Nashville

49073

Signed Mark C Potter

AUTHORIZED REPRESENTATIVE

Date 10-12-94

GEOLOGICAL SURVEY COPY

Authority: Act 369 PA 1978

Completion: Required

Penalty: Conviction of a violation of any provision is a misdemeanor.

WATER WELL RECORD

ACT 294 PA 1985

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County

Barry

Township Name

Castleton

Fraction

SW 1/4 SW 1/4 SE 1/4

Section Number

7

Town Number

3

N.E.

Range Number

7 E.W.

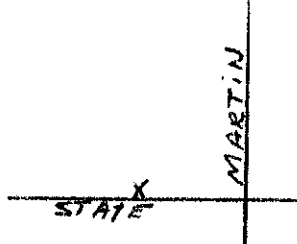
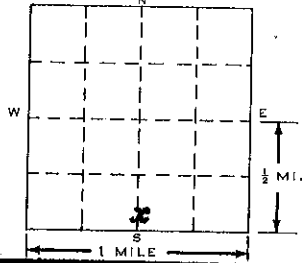
Distance And Direction from Road Intersections

1/2 Mi. N. of Martin on State - N. Side

Street address & City of Well Location

Locate with "X" in section below

Sketch Map:



3 OWNER OF WELL:

Address

E. Pohamies
5555 E. State Rd.
Nashville, Mi.

4 WELL DEPTH: (completed) Date of Completion

300

ft.

9/74

5 ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug☐ Hollow rod ☐ Jetted ☐ Bored ☐6 USE: ☒ Domestic ☐ Public Supply ☐ Industry☐ Irrigation ☐ Air Conditioning ☐ Commercial☐ Test Well ☐7 CASING: Threaded ☒ Welded ☐

Diam.

Height: Above/Below

Surface 1 ft.

4 in. to 273 ft. Depth

Weight 11 lbs./ft.

in. to ft. Depth

Drive Shoe? Yes ☒ No ☐

8 SCREEN:

Type: NONE Dia.:

Slot/Gauze Length

Set between ft. and ft.

Fittings:

9 STATIC WATER LEVEL

120 ft. below land surface

10 PUMPING LEVEL below land surface

ft. after hrs. pumping g.p.m.

AIR TEST

ft. after hrs. pumping g.p.m.

11 WATER QUALITY in Parts Per Million:

Iron (Fe) Chlorides (Cl)

Hardness Other

12 WELL HEAD COMPLETION: ☐ In Approved Pit☒ Pitless Adapter ☐ 12" Above Grade13 Well Grouted? ☒ Yes ☐ No☐ Neat Cement ☐ Bentonite ☒ Drill Mud to

Depth: From ft. to ft. G.L.

14 Nearest Source of possible contamination

50 feet N Direction S.T. Type

Well disinfected upon completion ☒ Yes ☐ No

15 PUMP:

☐ Not installed

Manufacturer's Name Flint & Walling

Model Number HP 3/4 Volts 230

Length of Drop Pipe 140 ft. capacity 15 G.P.M.

Type: ☒ Submersible☐ Jet☐ Reciprocating

USE A 2ND SHEET IF NEEDED

16 Remarks, elevation, source of data, etc.

ADDED INFO BY DRILLER, ITEM NO.

CORRECTED BY

ADDITION BY

ELEVATION

DEPTH TO ROCK

17 WATER WELL CONTRACTOR'S CERTIFICATION:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Chas. H. Kleinfelt & Son 0107

REGISTERED BUSINESS NAME

REGISTRATION NO.

Address Charlotte R#2, Mi. 48813

Signed

Chas. Kleinfelt

AUTHORIZED REPRESENTATIVE

Date 9/12/74