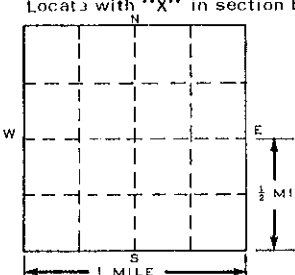




JAN 10 1972

WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL					
County Manistee	Township Name Pleasanton	Fraction NW 1/4 NW 1/4	Section Number 22	Town Number 24 N N/S.	Range Number 15 W E/W.
Distance And Direction from Road Intersections On U.S. 31 3 Miles North of Bear Lake on East side of Rd.			3 OWNER OF WELL: Pleasanton Grange		
Street address & City of Well Location Bear Lake, Mich.			Address Tom and Sandie Robinson Bear Lake, Mich.		
Locate with "X" in section below 			4 WELL DEPTH: (completed) Date of Completion 166 ft. 10/5/70		
2 FORMATION			5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>		
			6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>		
			7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Height: Above/Below Surface G.L. ft. Weight 3.75 lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			8 SCREEN: Stainless Steel Type: Johnson Dia.: 1 1/2" Slot/Gauze 7 Slot Length 48" Set between 162 ft. and 166 ft. Fittings: Screw Check Valve 1 1/2" Turned screen coupling		
Sand & gravel			9 STATIC WATER LEVEL 107 ft. below land surface		
Clay & gravel			10 PUMPING LEVEL below land surface _____ ft. after _____ hrs. pumping _____ g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m.		
Hard pan & sand			11 WATER QUALITY in Parts Per Million: Iron (Fe) _____ Chlorides (Cl) _____ Hardness _____ Other _____		
Water sand			12 WELL HEAD COMPLETION: <input checked="" type="checkbox"/> In Approved Pit <input type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12' Above Grade		
Pipe 3 Length 18'			13 Well Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Depth: From _____ ft. to _____ ft.		
2 " 9'			14 Nearest Source of possible contamination 60 feet _____ Direction _____ Type _____ Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5 " 18'			15 PUMP: Owners <input type="checkbox"/> Not installed Manufacturer's Name Burks Model Number _____ HP 1 Volts _____ Length of Drop Pipe 146 ft. capacity _____ G.P.M. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Reciprocating		
162'			16 Remarks, elevation, source of data, etc.		
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. Cameron Bros, 0405 REGISTERED BUSINESS NAME REGISTRATION NO. Address R#2 Free Soil, Mich. Signed Don Cameron Date 12-4-70 AUTHORIZED REPRESENTATIVE					

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:

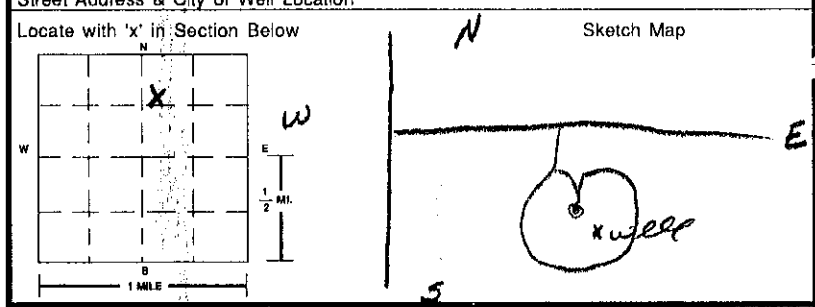
PERMIT NO:
51-564

1. LOCATION OF WELL
County **MANISTEE**

Township Name **PLEASANTON** Fraction **SW 1/4 NW 1/4 NE 1/4** Section No. **22** Town No. **24N** Range No. **15W**

Distance and Direction from Road Intersection
On the south side of Lumley Road east of U.S. 31

3. OWNER OF WELL
Dick Paris
Address **White River Development Group P.O. Box 427 Bradford, N.H. 03221**



4. WELL DEPTH: **363** ft. Date Completed **9 / 14 / 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 Plastic Welded
 Other
Height: Above/Below Surface: **2** ft.
Diameter: **4** in. to ___ ft. depth Weight: **11** lbs./ft.
BORE HOLE: **N/A**
Diameter: ___ in. to ___ ft. depth
 Drive Shoe Shale Packer

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
--- PAGE 2 ---		
Medium Coarse Water Sand & Trace of Clay	4	345
Red Clay - Sand & Stones	3	348
Medium coarse Water Sand & Some Gray Clay	2	350
Medium Coarse Water Sand & Trace of Clay	14	364

8. SCREEN: Not Installed Gravel-Packed
Type _____ Diameter _____
Slot/Gauze _____ Length: _____
Set Between _____ ft. and _____ ft.
FITTINGS: K-Packer Bremer Check
 Blank Above Screen _____ ft. Other _____

9. STATIC WATER LEVEL: _____ ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface _____ ft. After _____ hrs. Pumping at _____ 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 _____ to _____ ft.
 Neat Cement Bentonite Other _____
No. of Bags _____ Additives _____

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
Type _____ Distance _____ ft. Direction _____
Type _____ Distance _____ ft. Direction _____

15. ABANDONED WELL PLUGGED? Yes No **N/A**
Casing Diameter _____ in. Depth _____ ft.
PLUGGING MATERIAL: Neat Cement Bentonite Slurry
 Cement/Bentonite Slurry Concrete Grout Bentonite Chips
No. of Bags _____ Casing Removed? Yes No

14. PUMP: Not Installed Pump Installation Only
Manufacturer's Name _____ HP _____ Volts _____
Model Number _____ Length of Drop Pipe _____ ft. Capacity _____ G.P.M.
TYPE: Submersible Jet Other _____
PRESSURE TANK:
Manufacturer's Name _____ Capacity _____ Gallons _____
Model Number _____

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

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
Name **John Sobaski**

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.
CAMERON BROTHERS INC **53-1960**
REGISTERED BUSINESS NAME REGISTRATION NO.
Address: **8736 N. U.S. 31 FREE SOIL, MI 49411**
Signed **Dan Cameron** Date **9-17-99**
AUTHORIZED REPRESENTATIVE

Helper - Allen Chadwick

RECEIVED
SEP 21 1999
D.H.D. #10

OCT 14 1999

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL PROTECTION
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:
51-564 ✓ ✓

1. LOCATION OF WELL
County **MANISTEE**

Township Name
PLEASANTON

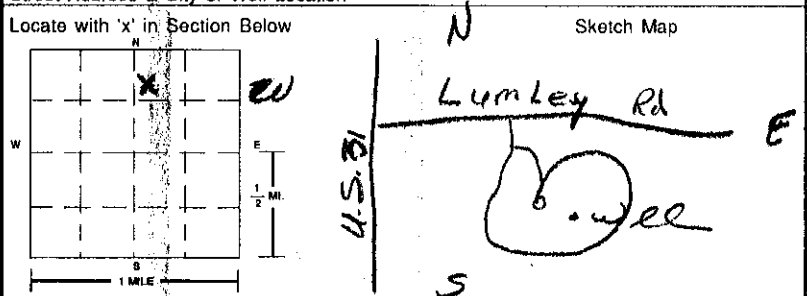
Fraction
SW 1/4 NW 1/4 NE 1/4

Section No.
22

Town No.
24N

Range No.
15W

Distance and Direction from Road Intersection
On the south side of Lumley Road east of U.S. 31



3. OWNER OF WELL
Dick Paris
Address **White River Development Group
P.O. Box 427
Bradford, N.H. 03221**

4. WELL DEPTH: **363** ft. Date Complete: **9/14/99**
 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 Plastic Welded
 Other
Height: Above/Below Surface: **2** ft.
Diameter: **4** in. to **357** ft. depth
Weight: **11** lbs./ft.
BORE HOLE: **N/A** Drive Shoe
Diameter: _____ in. to _____ ft. depth
 Shale Packer

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
Medium Coarse Dry Sand	3	3
Coarse Dry Sand & Stones	93	96
Coarse Dry Sand & Few Small Stones	19	120
Coarse Dry Sand	17	132
Coarse Dry Sand & Stones	58	190
Coarse Gravel & Trace of Red Clay	8	198
Red Clay & Small Stones	32	230
Red Clay & Some Sand & Small Stones	35	265
Red Clay & Few Small Stones	22	287
Red Clay-Sand & Some Stones	23	310
Cemented Red Clay-Sand & Fine Stones	19	329
Hard Red Clay & Some Sand	6	335
Brown Clay & Trace of Sand	6	341

8. SCREEN: Not Installed Gravel-Packed
Type **Stainless Steel** Diameter **4"**
Slot **7** Length: **6'**
Set Between **357** ft. and **363** ft.
FITTINGS: K-Packer Bremer Check
 Blank Above Screen ft. Other

9. STATIC WATER LEVEL: **252** ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface
252 ft. After **1** hrs. Pumping at **20** 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 **357** ft.
 Neat Cement Bentonite Other
No. of Bags **4** Additives

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION: **N/A**
Type _____ Distance _____ ft. Direction _____
Type _____ Distance _____ ft. Direction _____

USE A 2ND SHEET IF NEEDED

15. ABANDONED WELL PLUGGED? Yes No **N/A**
Casing Diameter _____ in. Depth _____ ft.
PLUGGING MATERIAL: Neat Cement Bentonite Slurry
 Cement/Bentonite Slurry Concrete Grout Bentonite Chips
No. of Bags _____ Casing Removed? Yes No

14. PUMP: Not Installed Pump Installation Only
Manufacturer's Name _____ HP _____ Volts _____
Model Number _____ Length of Drop Pipe _____ ft. Capacity _____ G.P.M.
TYPE: Submersible Jet Other
PRESSURE TANK:
Manufacturer's Name _____ Capacity _____ Gallons

16. REMARKS: (Elevation, Source of Data, etc.)
WELL PUMPED 60 GPM WITH RIG

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.
CAMERON BROTHERS INC. **53-1960**
REGISTERED BUSINESS NAME REGISTRATION NO.
Address **8736 N. U.S. 31 FREE SOIL, MI. 49411**
Signed **Jan Cameron** Date **9-17-99**
AUTHORIZED REPRESENTATIVE

17. DRILLING MACHINE OPERATOR: **OCT 14 1999**
 Employee Subcontractor
Name **John Sobaski**

Helper - Allen Chadwick

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County Manistee Twp. Pleasanton Fraction NW 1/4 SW 1/4 Section No. 22 Town 24 Range 15 NW.

Distance And Direction from Road Intersections
200' East of US 31 4 mi N of
US 31 near lake
Street address & City of Well Location

3 OWNER OF WELL:
Matt Plichta
Address 1774 Huizinga
Manistee Mich

2 FORMATION

FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Sand</u>	<u>12</u>	<u>12</u>
<u>Sand and gravel</u>	<u>69</u>	<u>81</u>
<u>Clay</u>	<u>33</u>	<u>114</u>
<u>Sand</u>	<u>7</u>	<u>121</u>

4 WELL DEPTH: (completed) Date of Completion

121 ft. 5/6/67

5 USE: Domestic Public Supply Industry
 Irrigation Air Conditioning Commercial
 Test Well

7 CASING: Threaded Welded
Diam. 2 in. to 117 ft. Depth
Height: 2 Above/Below surface 29 lbs/ft.
Weight 29 lbs/ft.
Drive Shoe? Yes No

8 SCREEN:
Type: Gauze Dia.: 1 1/4"
Slot/Gauze 80 Length 4 ft
Set between 117 ft. and 121 ft.
Fittings: 1 1/4" Coupling

9 STATIC WATER LEVEL
99 ft. below land surface

10 PUMPING LEVEL below land surface
ft. after _____ hrs. pumping _____ g.p.m.
ft. after _____ hrs. pumping _____ g.p.m.

11 WATER QUALITY in Parts Per Million:
Iron (Fe) _____ Chlorides (Cl) _____
Hardness _____

12 WELL HEAD COMPLETION: In Approved Pit
 Pitless Adapter 12" Above Grade

13 GROUTING:
Well Grouted? Yes No
Material: Neat Cement
Depth: From _____ ft. to _____ ft.

14 SANITARY: not known
Nearest Source of possible contamination
_____ feet _____ Direction _____ Type
Well disinfected upon completion: Yes No

15 PUMP: Warka
Manufacturer's Name Deaton Pump Co
Model Number 15MHU3-07 HP. 15
Length of Drop Pipe 111 ft. capacity 6 G.P.M.
Type: Submersible
 Jet Reciprocating

16 Remarks, elevation, source of data, etc.

ADDED INFO. BY DRILLER, ITEM NO. 1
CORRECTED BY: JJ
ADDITION BY:

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.
Scheiner Well Drilling 0317
REGISTERED BUSINESS NAME REGISTRATION NO.
Address 217 Parkdale Ave Manistee Mich
Signed Chyde L. Scheiner Date 5/8/67
AUTHORIZED REPRESENTATIVE

JUL 24 1973

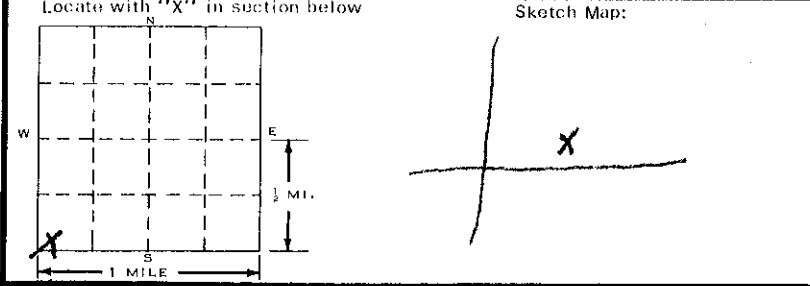
WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County Manistee Township Name Pleasanton Fraction SW 1/4 SW 1/4 SW 1/4 Section Number 22 Town Number 24 Range Number 15 N. W.

Distance And Direction from Road Intersections
110' North Alkire Rd
600 East US31



3 OWNER OF WELL:
Address Mr Bernard Ware
Bear Lake, Mich

4 WELL DEPTH: (completed) Date of Completion
97 ft. 5/30/73

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. 4 in. to 8 1/2 ft. Depth Height: 5 ft. Above/Below Surface
Weight 11 lbs./ft. Drive Shoe? Yes No

2 FORMATION

FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>SAND</u>	<u>76</u>	<u>76</u>
<u>CLAY SAND</u>	<u>7</u>	<u>83</u>
<u>SAND</u>	<u>14</u>	<u>97</u>

8 SCREEN:
Type: SS Johnson Dia.: 4
Slot/Gauge 10 Length 8
Set between 89 ft. and 97 ft. K Packer
Fittings: 3x18 nipple 3x2x18 coupling
2 plug 2 nipple 2 coupling

9 STATIC WATER LEVEL
70 ft. below land surface

10 PUMPING LEVEL below land surface
73 ft. after 1 hrs. pumping 25 g.p.m.
_____ 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 Grade

13 Well Grouted? Yes No
 Neat Cement Bentonite
Depth: From 0 ft. to 20 ft.

14 Nearest Source of possible contamination
85 feet N Direction SEPTIC TANK Type
Well disinfected upon completion Yes No

15 PUMP: Not installed
Manufacturer's Name Gould
Model Number WEL HP 1/4 Volts 230
Length of Drop Pipe 80 ft. capacity 25 G.P.M.
Type: Submersible Jet Reciprocating

16 Remarks, elevation, source of data, etc.
ADDED INFO. BY DRILLER, RAM
CORRECTED BY BT
ADDITIONAL

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.
Rollin Well Drilling 0364
REGISTERED BUSINESS NAME REGISTRATION NO.
Address 4731 Crescent Beh Rd Onekama, Mich
Signed Hugh Rollin Date 6/13/73
AUTHORIZED REPRESENTATIVE