

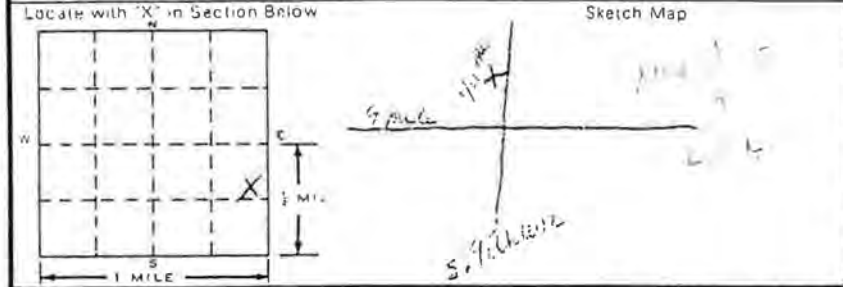
APPENDIX A
LOCAL WATER SUPPLY WELL LOGS

1 LOCATION OF WELL

County <i>Oscoda</i>	Township Name <i>Oscoda</i>	Fraction <i>NE 1/4 SE 1/4</i>	Section Number <i>16</i>	Town Number <i>18 N18</i>	Range Number <i>8 E1W</i>
-------------------------	--------------------------------	----------------------------------	-----------------------------	------------------------------	------------------------------

Distance And Direction From Road Intersection
Intersection of 9 mile + 90th
1/4 North West side of rd.

Street Address & City of Well Location



3 OWNER OF WELL: *Stan Forbes*

Address
3 mile Rd
Leare, mi. 45 1/2 79

Address Same As Well Location? Yes No

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
-------------------------	----------------------	----------------------------

<i>Clay</i>	<i>6</i>	<i>6</i>
<i>Sand + Gravel</i>	<i>100</i>	<i>106</i>
<i>Sand - water bearing</i>	<i>9</i>	<i>115</i>

4 WELL DEPTH: *115 FT.*

Date Completed
 MO: *12* DAY: *9* YEAR: *91*

New Well
 Replacement Well

5

Cable tool Rotary Driven Dug
 Hollow rod Auger Jerred

6 USE

Domestic Type I Public Type III Public
 Irrigation Type IIa Public Heat pump
 Test Well Type IIb Public

7 CASING

Diameter: *2* in to *1 1/2* ft depth

Material: Steel Plastic Threaded Welded

Height: *above* Surface *4* ft

Weight: *3.75* lbs./ft.

Grouted Drill Hole Diameter

Drive Shoe Yes No

8 SCREEN

Not Installed

Type: *Clayton mat.* Diameter: *1 1/4"*

Slot/Gauge: *80* Length: *48"*

Set between *111* ft and *115* ft

FITTINGS: K-Packer Lead Packer Bremer Check
 Blank above screen Other

9 STATIC WATER LEVEL:

96 ft. below land surface Flow

10 PUMPING LEVEL, below land surface

96 ft. after *1* hrs. pumping at *10* GPM

_____ ft. after _____ hrs. pumping at _____ GPM

11 WELL HEAD COMPLETION

Pitless adapter 12" above grade
 Basement offset Approved pit

12 WELL GROUTED?

No Yes From _____ to _____ ft.

Near cement Bentonite Other _____

No. of bags of cement _____ Additives _____

13 Nearest source of possible contamination

Type: *Septic* Distance: *50 ft.* Direction: *NW*

Well disinfected upon completion? Yes No

Was old well plugged? Yes No

14 PUMP

Not Installed Pump Installation Only

Manufacturer's name: *F+W*

Model number: *PL269H* HP: *1* Volts: *230*

Length of Drop Pipe: *104* ft. capacity: *6* G.P.M.

TYPE: Submersible Jet

PRESSURE TANK

Manufacturer's name: *PINTROL*

Model number: *WT202* Capacity: *45* Gallons

RECEIVED
 Mich. Dept. of Public Health
 MAR 4 1992

15 Remarks, elevation, source of data

17. Rig Operator's Name:

16 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.

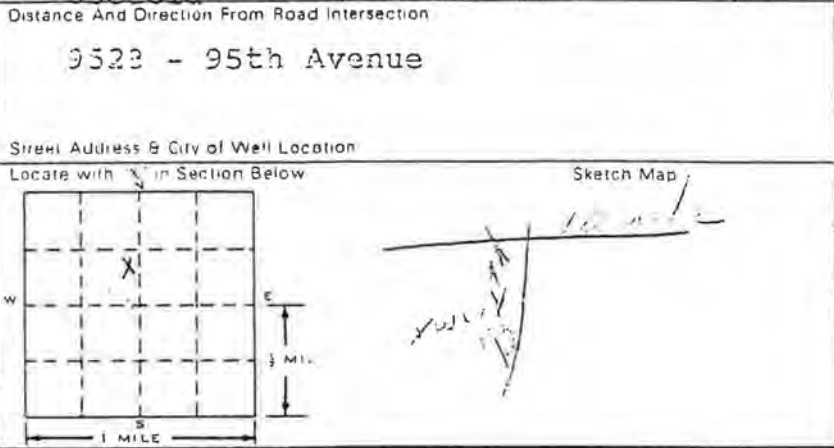
Waldron Well Drilling *0935*
 REGISTERED BUSINESS NAME REGISTRATION NO.
 Address: *East Michigan* *49631*
 Signed: *Theresa E. Waldron* *12/9/91*
 AUTHORIZED REPRESENTATIVE

Well ID: 9

MICHIGAN DEPARTMENT OF PUBLIC HEALTH
WATER WELL AND PUMP RECORD

PERMIT NUMBER

1 LOCATION OF WELL				
County <u>Oscoda</u>	Township Name <u>Oscoda</u>	Fraction <u>N 1/4 Sec 16 T 18 N R 8 E/W</u>	Section Number <u>16</u>	Town Number <u>18 N/S</u>
Distance And Direction From Road Intersection <u>9523 - 95th Avenue</u>		Range Number <u>8 E/W</u>		
Street Address & City of Well Location		3 OWNER OF WELL: <u>Don Prichard</u>		
Locate with <u>X</u> in Section Below		Address <u>9523 - 95th Ave. Ewart, Mi. 49831</u>		



4 WELL DEPTH: <u>142 FT</u>	Date Completed MO: <u>6</u> DAY: <u>14</u> YEAR: <u>1976</u>	<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Replacement Well		
5 <input checked="" type="checkbox"/> Cable tool <input type="checkbox"/> Hollow rod	<input type="checkbox"/> Rotary <input type="checkbox"/> Auger	<input type="checkbox"/> Driven <input type="checkbox"/> Jetted	<input type="checkbox"/> Dug <input type="checkbox"/>	
6 USE <input type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test Well <input type="checkbox"/> Type I Public <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Type IIb Public <input type="checkbox"/> Type III Public <input type="checkbox"/> Heat pump				
7 CASING Diameter <u>4</u> in to <u>137</u> ft depth		<input checked="" type="checkbox"/> Steel <input type="checkbox"/> Plastic	<input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded	Height Above/Below Surface <u>1</u> ft
<u>7</u> in to <u>130</u> ft depth		Grouted Drill Hole Diameter <u>7</u> in to <u>130</u> ft depth		Weight _____ lbs./ft
<u>7</u> in to _____ ft depth		Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Clay & Gravel</u>	<u>74</u>	<u>74</u>
<u>Gravel</u>	<u>12</u>	<u>86</u>
<u>Clay & Gravel</u>	<u>45</u>	<u>131</u>
<u>SAND</u>	<u>11</u>	<u>142</u>

8 SCREEN Type <u>Howard Smith</u> Diameter <u>3 3/4"</u>	<input type="checkbox"/> Not Installed
Slot/Gauge <u>10</u> Length <u>5'</u>	
Set between <u>137</u> ft. and <u>142</u> ft.	
FITTINGS <input checked="" type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check	
<input checked="" type="checkbox"/> Blank above screen <u>3</u> ft. Other _____	
9 STATIC WATER LEVEL <u>65</u> ft below land surface <input type="checkbox"/> Flow	
10 PUMPING LEVEL below land surface <u>65</u> ft. after <u>2</u> hrs. pumping at <u>10</u> G.P.M.	
_____ ft. after _____ hrs. pumping at _____ G.P.M.	
11 WELL HEAD COMPLETION <input checked="" type="checkbox"/> Pitless adapter <input type="checkbox"/> 12" above grade	
<input type="checkbox"/> Basement offset <input type="checkbox"/> Approved pit	
12 WELL GROUTED? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes From <u>0</u> to <u>130</u> ft.	
<input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____	
No. of bags of cement <u>10</u> Additives _____	
13 Nearest source of possible contamination Type <u>Septic</u> Distance <u>60</u> ft. Direction <u>NE</u>	
Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Was old well plugged? <input type="checkbox"/> Yes <input type="checkbox"/> No	
14 PUMP <input type="checkbox"/> Not Installed <input type="checkbox"/> Pump Installation Only	
Manufacturer's name <u>Accuator</u>	
Model number <u>A-50</u> HP <u>1/2</u> Volts <u>230</u>	
Length of Drop Pipe <u>74</u> ft. capacity <u>10</u> G.P.M.	
TYPE <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet	
PRESSURE TANK Manufacturer's name <u>X-Frost</u>	
Model number <u>10X2024G</u> Capacity <u>42</u> Gallons	

15. Remarks, elevation, source of data, etc.

17. Rig Operator's Name:
Gordon Bissett

16. 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

Kit Waldron Well Drilling 0907

REGISTERED BUSINESS NAME: 10770 - 3 Mile Rd. - Ewart, MI. REGISTRATION NO. _____

Signed Kit Waldron Date 6/14/76
 AUTHORIZED REPRESENTATIVE

Well ID = 8

Authority: Act 368 PA 1978
 Completion: Required
 Penalty: Conviction of a violation of any provision is a

DEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
 DRINKING WATER & RADIOLOGICAL PROTECTION DIVISION

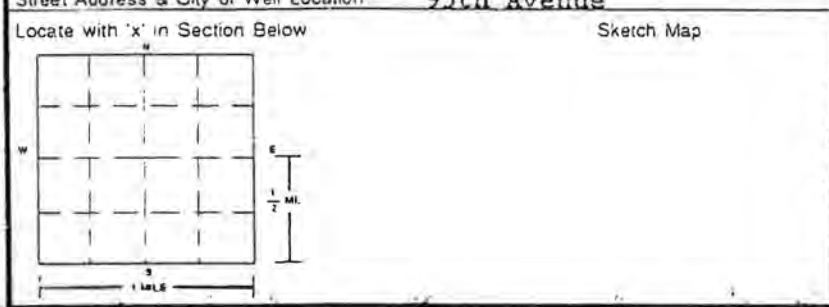
WATER WELL AND PUMP RECORD

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

TAX NO: 67-12-16 PERMIT NO: 98-0207

1. LOCATION OF WELL
 County: Osceola Township Name: Osceola Fraction: SE 1/4 SW 1/4 Section No.: 16 Town No.: 13 N Range No.: 9 W

Distance and Direction from Road Intersection
 Street Address & City of Well Location: 95th Avenue



3. OWNER OF WELL
 Address: Michael Foster
9057 95th Avenue
Evart, MI. 49631
 Address Same as Well Location Yes No

4. WELL DEPTH: 185 ft. Date Completed: 10/12/98
 New Well
 Replacement Well

5. Cable Tool Rotary Driven Dug
 Hollow Roc Auger/Bored Jet-ec

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 Surface: 1 ft.
 Plastic Welded
 Other
 Diameter: 5 in. to 180 ft. depth Weight: 50 x 17 lbs./ft.
2 in. to 185 ft. depth
 BORE HOLE: Drive Shoe
 Diameter: 2 1/2 in. to 180 ft. depth Shale Packer
2 in. to 185 ft. depth

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Sand: Gravel</u>	<u>30'</u>	<u>30'</u>
<u>Clay: Gravel</u>	<u>4'</u>	<u>34'</u>
<u>Sand: Gravel</u>	<u>98'</u>	<u>130'</u>
<u>Clay</u>	<u>8'</u>	<u>140'</u>
<u>Sand: Gravel</u>	<u>185'</u>	

8. SCREEN: Not Installed Gravel-Packed
 Type: Standard Steel Diameter: 3"
 Slot/Gauge: 10 Length: 5
 Set Between: 180 ft. and 185 ft.
 FITTINGS: K-Packer Bremer Check
 Blank Above Screen 3 ft. Other

9. STATIC WATER LEVEL: 45 ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface
45 ft. After 1 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 180 ft.
 Neat Cement Bentonite Other
 No. of Bags: 8 Additives

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
 Type: Septic Distance: 50 ft. Direction: W
 Type: _____ Distance: _____ ft. Direction: _____

15. ABANDONED WELL PLUGGED? Yes No
 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: F.W.
 Model Number: 4F11AD7-205 HP: 3/4 Volts: 220
 Length of Drop Pipe: 140 ft. Capacity: 10 G.P.M.
 TYPE: Submersible Jet Other
 PRESSURE TANK:
 Manufacturer's Name: Well v. Tank
 Model Number: 4320 Capacity: 11 1/2 Gallons 11.6

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

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
 Name: Earl Battle

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.
S.S. WATKINS 43-1747
 REGISTERED BUSINESS NAME REGISTRATION NO.
 Address: Rt 1 220 Chase, MI
 Signed: Michael Watkins Date: 10/15/98
 AUTHORIZED REPRESENTATIVE

Well ID = 7

DEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
 DRINKING WATER & RADIOLOGICAL PROTECTION DIVISION

WATER WELL AND PUMP RECORD

TAX NO: 67-12-016-012-10

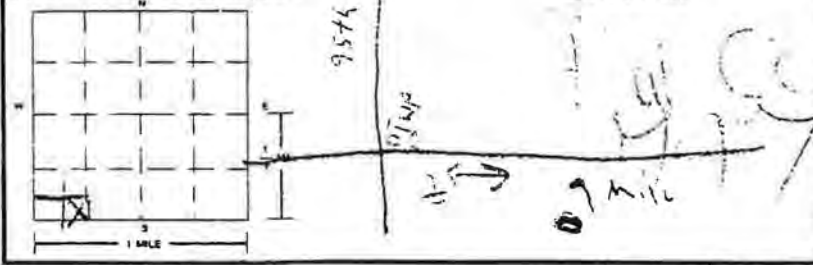
Completion is required under authority of Part 127 Act 368 PA 1978
 Failure to comply is a misdemeanor

PERMIT NO: '98- -0089

1. LOCATION OF WELL
 County: Osceola Township Name: Osceola Fraction: SE 1/4 SW 1/4 SW 1/4 Section No.: 16 Town No.: 18 N Range No.: 8 W

Distance and Direction from Road Intersection: 3/4 mile west of Osceola Twp Hall on the North side of 9 Mile Rd

Street Address & City of Well Location: 9 Mile Road



3. OWNER OF WELL: Kevin Beggs
 Address: 7595 80th Avenue, Evart, MI. 49681
 Address Same as Well Location: Yes No

4. WELL DEPTH: 116 ft. Date Completed: 4/20/98
 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 Welded
 Plastic Other
 Height: Above/Below Surface: 15 ft
 Diameter: 5 in. to 109 ft. depth
 BORE HOLE: 8 in. to 116 ft. depth

8. SCREEN: Not Installed Gravel-Packed
 Type: 5" x 10" Diameter: 4 in
 Slot/Gauze: 20 Length: 4 ft
 Set Between: 110 ft. and 114 ft.
 FITTINGS: K-Packer Bremer Check
 Blank Above Screen 2 ft. Other: 2 ft sump

9. STATIC WATER LEVEL: 70 ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface
 ft. After: X Pumping at: 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 5 to 100 ft.
 Neat Cement Bentonite Other
 No. of Bags: 10 Additives:

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
 Type: 20 ft. Distance: 100 ft. Direction: West
 Type: Distance: ft. Direction:

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
Dark Brown loamy sand	3	3
Too sandy clay	13	16
Too coarse sand K-m stone Gravelly	60	76
Too sandy clay F-2 stone	28	104
Too F-C sand	12	116

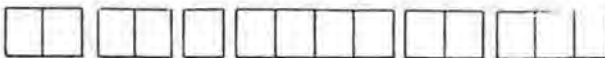
15. ABANDONED WELL PLUGGED? Yes No
 Casing Diameter: in. Depth: ft.
 PLUGGING MATERIAL: Neat Cement Bentonite Slurry
 Cement/Bentonite Slurry Concrete Grout Bentonite Chips
 No. of Bags: Casing Removed? Yes No

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

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
 Name: Gary Robertson
 Well ID = 4

14. PUMP: Not Installed Pump Installation Only
 Manufacturer's Name: Walden Jacket
 Model Number: 18 HP: 1 Volts: 230
 Length of Drop Pipe: 100 ft. Capacity: 18 G.P.M.
 TYPE: Submersible Jet Other
 PRESSURE TANK:
 Manufacturer's Name: None / Home owner
 Model Number: Capacity: Gallons

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.
Robertson Well Drilling #2108
 REGISTERED BUSINESS NAME: Robertson Well Drilling REGISTRATION NO.: #2108
 Address: 14555 185th Ave, Le Roy MI 49655
 Signed: Gary Robertson Date: 4/20/98
 AUTHORIZED REPRESENTATIVE



WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County <i>Oscoda</i>	Twp. <i>Oscoda</i>	Fraction <i>SE 1/4 SW 1/4</i>	Section No. <i>16</i>	Town <i>1st N 1/2</i>	Range <i>8 E/W.</i>
-------------------------	-----------------------	----------------------------------	--------------------------	--------------------------	------------------------

Distance And Direction from Road Intersections OWNER No.

3 OWNER OF WELL:
Address *Harold Lockwood
Ewart Mich 11#*

Street address & City of Well Location

2 FORMATION

4 WELL DEPTH: (completed) _____ ft. Date of Completion _____

THICKNESS OF STRATUM _____ DEPTH TO BOTTOM OF STRATUM _____

5 Cable tool Rotary Driven Dug
 Hollow rod Jetted Bored _____

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

7 CASING: Threading Welded Height: Above/Below surface _____ ft.
Diam. *7 7/8* in. to _____ ft. Depth Weight _____ lbs./ft.
_____ in. to _____ ft. Depth Drive Shoe? Yes No

8 SCREEN:

Type: _____ Dia.: _____
Slot/Gauze _____ Length _____
Set between _____ ft. and _____ ft.
Fittings: _____

9 STATIC WATER LEVEL _____ 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:
Nearest Source of possible contamination
_____ feet _____ Direction _____ Type _____
Well disinfected upon completion Yes No

15 PUMP:
Manufacturer's Name _____
Model Number _____ HP _____
Length of Drop Pipe _____ ft. capacity _____ G.P.M.
Type: Submersible _____
 Jet Reciprocating

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.

John B. Moore
REGISTERED BUSINESS NAME *0866*
002755
REGISTRATION NO.

Address *Ewart Mich 11#*

Signed _____ Date *Aug 19 1968*

AUTHORIZED REPRESENTATIVE

WATER WELL AND PUMP RECORD

PART 127 ACT 368 P.A. 1978

PERMIT NUMBER

1 LOCATION OF WELL			
County OSL 20/A	Township Name OSL 20/A	Fraction NE 1/4 NW 1/4	Section Number 17
Distance and Direction From Road Intersection 100th + 10th Ave, T Ave + 10th West 1/4 N. Well on south side of Ave		3 OWNER OF WELL Bill WARDY	Town Number 1E N/8
Street Address & City of Well Location		Address Rt 1 Ewart, Mich	Range Number 8 SW
Locate with "X" in Section Below		4 WELL DEPTH (completed) 102 ft	Date of Completion 8-5-82
		5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dig <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Jetted	6 USE <input type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type II Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Type IIIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIIb Public
2 FORMATION DESCRIPTION		7 CASING Diameter <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Plastic <input type="checkbox"/> Welded	Height Above/Below Surface 1 ft
THICKNESS OF STRATUM		DEPTH TO BOTTOM OF STRATUM	Weight 3125 lbs. ft.
SAND + CLAY Red		17' 17'	Grouted Drill Hole Diameter
SAND yellow		23' 40'	Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
SAND + CLAY Red		10' 50'	8 SCREEN <input type="checkbox"/> Not Installed
GRAVEL		25' 75'	Type JOHNSON Diameter 1 1/2"
SAND yellow		20' 95'	Slot Size 7 Length 42"
SAND white		7' 102'	Set between 98 ft and 102 ft
			FITTINGS <input checked="" type="checkbox"/> Tracker <input type="checkbox"/> Lead Packer <input checked="" type="checkbox"/> Rammer Check
			<input type="checkbox"/> Blank above screen 18" Other
			9 STATIC WATER LEVEL 78 ft below land surface <input type="checkbox"/> Flow
			10 PUMPING LEVEL below land surface 90 ft after 1 hrs. pumping at 11 G.P.M.
			90 ft after _____ hrs. pumping at _____ G.P.M.
			11 WELL HEAD COMPLETION <input type="checkbox"/> Pitless adapter <input checked="" type="checkbox"/> Above grade <input type="checkbox"/> Basement offset <input type="checkbox"/> Approved pit
			12 WELL GROUTED? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes From _____ to _____ ft
			<input type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other
			No. of bags of cement _____ Additives _____
			13 Nearest source of possible contamination Type SEPTIC NETWORK Direction _____
			Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			14 PUMP <input checked="" type="checkbox"/> Installed <input type="checkbox"/> Pump Installation Only
			Manufacturer's name _____
			Model number _____ HP _____ Volts _____
			Length of Drop Pipe _____ ft capacity _____ G.P.M.
			TYPE <input type="checkbox"/> Submersible <input type="checkbox"/> Jet
			PRESSURE TANK
			Manufacturer's name _____
			Model number _____ Capacity _____ Gallons

USE A 2ND SHEET IF NEEDED

15 Remarks elevation, source of data, etc.

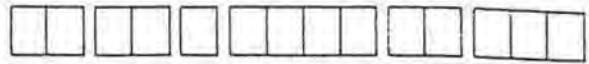
90' 1" DRIP PIPE

ADDED INFO BY DRILLER, ITEM NO.
CORRECTED BY **1EF**
MODIFIED BY
ELEVATION
DEPTH TO ROCK

16 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

Solomonson 1040
REGISTERED BUSINESS NAME REGISTRATION NO.
Address **Rt 1 Sear's Mich**
Signed **Ruff** AUTHORIZED REPRESENTATIVE Date **8-5-82**



FEB 22 1980

WATER WELL RECORD
ACT 294 PA 1965

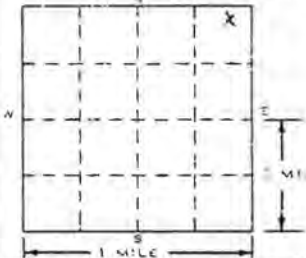
MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County <i>Oshtemo</i>	Township Name <i>Oshtemo</i>	Fraction <i>NE 1/4 E 1/4</i>	Section Number <i>19</i>	Town Number <i>18 N/S.</i>	Range Number <i>8 E/W.</i>
--------------------------	---------------------------------	---------------------------------	-----------------------------	-------------------------------	-------------------------------

Distance and Direction from Road Intersections
SW Corner of Gravel & 110th AVE

Street address & City of Well Location
*Indicate with "X" in section below



Sketch Map:

3 OWNER OF WELL:

Address
*Paul Dillon
1210 Marshall Ct
Kalamazoo MI 49063*

4 WELL DEPTH: (completed) Date of Completion
102 ft. 9-11-79

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 ~~Surface~~ Surface *1* ft.
2 in. to *98* ft. Depth Weight *375* lbs./ft.
_____ in. to _____ ft. Depth Drive Shoe? Yes No

2 FORMATION

FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<i>Sand</i>	<i>8'</i>	<i>8'</i>
<i>Clay</i>	<i>15'</i>	<i>23'</i>
<i>Sand</i>	<i>15'</i>	<i>38'</i>
<i>Clay</i>	<i>22'</i>	<i>60'</i>
<i>Sand - fine - water</i>	<i>12'</i>	<i>72'</i>
<i>Clay</i>	<i>15'</i>	<i>87'</i>
<i>Sand & Clay</i>	<i>10'</i>	<i>97'</i>
<i>Sand waterbearing</i>	<i>5'</i>	<i>102'</i>

8 SCREEN:
Type *Blaster Mesh* Dia. *1 1/4"*
Slot/Gauze *60* Length *48"*
Set between *98* ft. and *102* ft.
Fittings:

9 STATIC WATER LEVEL
46 ft. below land surface

10 PUMPING LEVEL below land surface
40 ft. after *1* hrs. pumping *10* 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 _____ ft. to _____ ft.

14 Nearest Source of possible contamination
60 feet *AS* Direction *Septic* Type
Well disinfected upon completion Yes No

15 PUMP: Not installed
Manufacturer's Name _____
Model Number _____ HP _____ Volts _____
Length of Drop Pipe _____ ft. capacity _____ G.P.M.
Type: Submersible Jet Reciprocating

16 Remarks, elevation, source of data, etc.
*ADDED INFO BY DRILLER, ITEM NO.
*CORRECTED BY *ST*
**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.
Walden Well Drilling - 0935
REGISTERED BUSINESS NAME REGISTRATION NO.
Address *Evart, MI 49631*
Signed *M. E. Walden* Date *9-11-79*
AUTHORIZED REPRESENTATIVE

WELL ID = 24 = 1547
GEOLOGICAL SURVEY COPY

WATER WELL AND PUMP RECORD

--	--	--	--	--	--

PERMIT NUMBER

PA 127 ACT 368, P.A. 1978

<p>1 LOCATION OF WELL</p> <p>County <u>Oscoda</u> Township Name <u>Oscoda</u> Fraction <u>NW 1/4 NW 1/4 NW 1/4</u> Section Number <u>20</u> Town Number <u>18 N18</u> Range Number <u>8 E/W</u></p> <p>Distance And Direction From Road Intersection <u>S. 1/2 corner of 9 mile + 110th Ave</u></p> <p>Street Address & City of Well Location</p> <p>Locate with "X" in Section Below</p> <p>Sketch Map</p>			<p>3 OWNER OF WELL <u>Karl Stipsik</u> Address <u>19884 Cabata</u> <u>Harpor Woods, MI 49825</u></p> <p>Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>4 WELL DEPTH (completed) <u>75</u> ft Date of Completion <u>6-15-87</u></p> <p>5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Jetted <input type="checkbox"/> _____</p> <p>6 USE <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type III Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIb Public <input type="checkbox"/> _____</p> <p>7 CASING Diameter <u>2</u> in to <u>7 1/2</u> ft depth Height <u>Above</u> Below Surface <u>4</u> ft Weight <u>375</u> lbs./ft. <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Plastic <input type="checkbox"/> Welded Grouted Drill Hole Diameter _____ in to _____ ft depth Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>8 SCREEN <input type="checkbox"/> Not Installed Type <u>#242 S.S.</u> Diameter <u>1 1/4"</u> Slot/Gauge <u>7 slit</u> Length <u>48"</u> Set between _____ ft and _____ ft FITTINGS <input checked="" type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input checked="" type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen _____ ft Other _____</p> <p>9 STATIC WATER LEVEL <u>20</u> ft below land surface <input type="checkbox"/> Flow</p> <p>10 PUMPING LEVEL below land surface <u>20</u> ft after <u>1</u> hrs pumping at <u>10</u> GPM _____ ft after _____ hrs pumping at _____ GPM</p> <p>11 WELL HEAD COMPLETION <input type="checkbox"/> Pitless adapter <input type="checkbox"/> 12" above grade <input type="checkbox"/> Basement offset <input checked="" type="checkbox"/> Approved pit</p> <p>12 WELL GROUTED? <input type="checkbox"/> No <input type="checkbox"/> Yes From _____ to _____ ft <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ No. of bags of cement _____ Additives _____</p> <p>13 Nearest source of possible contamination Type <u>septic</u> Distance <u>5</u> ft Direction <u>70</u> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14 PUMP <input type="checkbox"/> Not installed <input type="checkbox"/> Pump Installation Only Manufacturer's name <u>F+W</u> Model number <u>CPT05</u> HP <u>1/2</u> Volts _____ Length of Drop Pipe <u>35</u> ft capacity <u>8-10</u> GPM TYPE <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Jet PRESSURE TANK Manufacturer's name <u>Omega</u> Model number _____ Capacity <u>42</u> Gallons</p>																	
<p>2 FORMATION DESCRIPTION</p> <table border="1"> <thead> <tr> <th>FORMATION DESCRIPTION</th> <th>THICKNESS OF STRATUM</th> <th>DEPTH TO BOTTOM OF STRATUM</th> </tr> </thead> <tbody> <tr> <td><u>Sand</u></td> <td><u>6'</u></td> <td><u>6'</u></td> </tr> <tr> <td><u>Clay</u></td> <td><u>40'</u></td> <td><u>46'</u></td> </tr> <tr> <td><u>Sand & gravel</u></td> <td><u>20'</u></td> <td><u>126'</u></td> </tr> <tr> <td><u>Sand, white, water bearing</u></td> <td><u>9'</u></td> <td><u>75'</u></td> </tr> </tbody> </table>			FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	<u>Sand</u>	<u>6'</u>	<u>6'</u>	<u>Clay</u>	<u>40'</u>	<u>46'</u>	<u>Sand & gravel</u>	<u>20'</u>	<u>126'</u>	<u>Sand, white, water bearing</u>	<u>9'</u>	<u>75'</u>	<p>15 Remarks, elevation, source of data etc</p>		
FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM																		
<u>Sand</u>	<u>6'</u>	<u>6'</u>																		
<u>Clay</u>	<u>40'</u>	<u>46'</u>																		
<u>Sand & gravel</u>	<u>20'</u>	<u>126'</u>																		
<u>Sand, white, water bearing</u>	<u>9'</u>	<u>75'</u>																		
<p>16 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. <u>Wardlaw Well Drilling - 0935</u> REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>East</u> <u>MI</u> <u>49631</u> Signed <u>Wardlaw</u> Date <u>6-15-87</u> AUTHORIZED REPRESENTATIVE</p>																				

Well ID = 23 = 1548

WATER WELL AND PUMP RECORD

PART 127 ACT 368, P.A. 1978

PERMIT NUMBER

1 LOCATION OF WELL

County: Osceola Township Name: Osceola Fraction: SE 1/4 NE 1/4 NE 1/4 Section Number: 21 Town Number: 18 N18 Range Number: 8 EW

Distance And Direction From Road Intersection: 1/8 mile S of 9 mile Rd on 95th Ave

Street Address & City of Well Location: _____

Locate with "X" in Section Below

2 FORMATION DESCRIPTION

FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Clay</u>	<u>16'</u>	<u>16'</u>
<u>Sand + gravel</u>	<u>44'</u>	<u>60'</u>
<u>Sand + Clay</u>	<u>10'</u>	<u>70'</u>
<u>Sand + gravel waterbearing</u>	<u>10'</u>	<u>80'</u>

3 OWNER OF WELL

Address: Barren Barrere RR 3 - 95th Ave Ewart MI 49631

Address Same As Well Location? Yes No

4 WELL DEPTH (completed) 80 ft Date of Completion: 9-17-85

5 Cable tool Rotary Driven Dug
 Hollow rod Auger Jetted

6 USE Domestic Type I Public Type II Public
 Irrigation Type IIa Public Heat pump
 Test Well Type IIb Public

7 CASING Diameter: Steel Threaded Welded
 Plastic Height: Above/Below Surface: 4 ft
2 in to 76 ft depth Weight: 375 lbs/ft
 Grouted Drill Hole Diameter: _____ ft depth Drive Shoe: Yes No

8 SCREEN Not Installed
 Type: Clayton mark diameter: 1 1/4"
 Slot/Gauge: 80 Length: 48"
 Set between: 76 ft and 80 ft
 FITTINGS: K-Packer Lead Packer Bremer Check
 Blank above screen _____ ft Other: _____

9 STATIC WATER LEVEL 60 ft below land surface Flow

10 PUMPING LEVEL below land surface
60 ft after 1 hrs pumping at 10 GPM
 _____ ft after _____ hrs pumping at _____ GPM

11 WELL HEAD COMPLETION Pitless adapter 12" above grade
 Basement offset Approved pit

12 WELL GROUTED? No Yes From _____ to _____ ft.
 Neat cement Bentonite Other: _____
 No. of bags of cement: _____ Additives: _____

13 Nearest source of possible contamination
 Type: Septic Distance: 70 ft Direction: S.W
 Well disinfected upon completion? Yes No

14 PUMP Not installed Pump Installation Only
 Manufacturer's name: Sears
 Model number: _____ HP: 3/4 Volts: _____
 Length of Drop Pipe: 68 ft capacity: 7 GPM
 TYPE: Submersible Jet
 PRESSURE TANK
 Manufacturer's name: Aqua-Cair
 Model number: V-60 Capacity: 42 Gallons

15 Remarks elevation, source of data, etc

16 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.
Wardron Well Drilling - 09
 REGISTERED BUSINESS NAME: _____ REGISTRATION NO.: _____
 Address: Ewart MI 49631
 Signed: Thurston W. Alderton Date: 9-17-85
 AUTHORIZED REPRESENTATIVE

WELL ID = 19 = 1550

WATER WELL AND PUMP RECORD

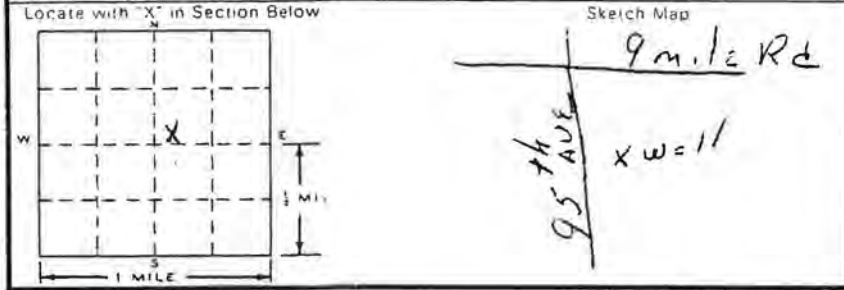
--	--	--	--	--	--	--	--

PERMIT NUMBER

1 LOCATION OF WELL					
County <u>Osceola</u>	Township Name <u>Osceola</u>	Fraction <u>NE 1/4 SW 1/4 Sec 21</u>	Section Number <u>21</u>	Town Number <u>18 N/S</u>	Range Number <u>8 E/W</u>

Distance And Direction From Road Intersection
South of 9 mile Rd on 95th Ave
1/2 mile on East side

Street Address & City of Well Location



3 OWNER OF WELL

Name: Gary Gilders
Address: Evart, Mi. 49631

Address Same As Well Location? Yes No

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Sand</u>	<u>40</u>	<u>40</u>
<u>Clay & Sand</u>	<u>45</u>	<u>85</u>
<u>Water Sand</u>	<u>25</u>	<u>110</u>

1 WELL DEPTH: 110 FT. Date Completed 7/14/92

New Well Replacement Well

5 Cable tool Rotary Driven Dug
 Hollow rod Auger Jetted _____

6 USE Domestic Type I Public Type III Public
 Irrigation Type IIa Public Heat pump
 Test Well Type IIb Public _____

7 CASING Diameter Steel Threaded Plastic Welded
4 in to 105 ft depth Height: Above/Below Surface 1 ft
Weight 11 lbs./ft.
Grouted Drill Hole Diameter _____ in to _____ ft depth
Drive Shoe Yes No

8 SCREEN Not installed
Type Howard Smith Diameter 3 3/4"
Slot/Gauge 10 Length 5
Set between 105 ft. and 110 ft.
FITTINGS: X-Packer Lead Packer Bremer Check
 Blank above screen 3 ft. Other _____

9 STATIC WATER LEVEL 40 ft. below land surface Flow

10 PUMPING LEVEL: below land surface
60 ft. after 10 hrs. pumping at 20 G.P.M.
_____ ft. after _____ hrs. pumping at _____ G.P.M.

11 WELL HEAD COMPLETION Pitless adapter 12" above grade
 Basement offset Approved pit

12 WELL GROUTED? No Yes From _____ to _____ ft.
 Neat cement Bentonite Other _____
No. of bags of cement _____ Additives _____

13 Nearest source of possible contamination
Type None Distance _____ ft. Direction _____
Well disinfected upon completion? Yes No
Was old well plugged? Yes No

14 PUMP Not installed Pump installation Only
Manufacturer's name Diemeter
Model number A-1112 HP 1 Volts 220
Length of Drop Pipe 87 ft. capacity _____ G.P.M.
TYPE Submersible Jet
PRESSURE TANK: Manufacturer's name _____
Model number _____ Capacity _____ Gallons

15. Remarks, elevation, source of data, etc.

17. Rig Operator's Name: Kit Waldron

16. 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.

Waldron Well Drilling 0907
REGISTERED BUSINESS NAME REGISTRATION NO.
Address 8 mile Rd Evart 49631
Signed Kit Waldron Date 7/11/92
AUTHORIZED REPRESENTATIVE

Well ID = 16 = 1562

WATER WELL AND PUMP RECORD

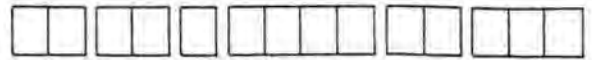
PART 127 ACT 368, P.A. 1978

PERMIT NUMBER

1 LOCATION OF WELL			3 OWNER OF WELL														
County <i>Oscoda</i>	Township Name <i>Oscoda</i>	Fraction <i>SW 1/4 SW 1/4 NE 1/4</i>	Section Number <i>21</i>	Town Number <i>18 N 1/2</i>	Range Number <i>8 E 1/2</i>												
Distance And Direction From Road Intersection <i>1/2 mi N of 8 mi on 95th - E. side RD</i> <i>COMETARY Well -</i>			Address <i>Oscoda Township</i> <i>90 Darwin Booker</i> <i>Avondale Rd</i> <i>Exit MI 49631</i>														
Street Address & City of Well Location			Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No														
Locate with "X" in Section Below			4 WELL DEPTH (completed) <i>54 ft.</i> Date of Completion <i>6-7-82</i>														
			5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Jettec <input type="checkbox"/>														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:40%;">2 FORMATION DESCRIPTION</th> <th style="width:10%;">THICKNESS OF STRATUM</th> <th style="width:10%;">DEPTH TO BOTTOM OF STRATUM</th> </tr> <tr> <td><i>Sand & gravel</i></td> <td><i>20'</i></td> <td><i>20'</i></td> </tr> <tr> <td><i>Sand, Clay, gravel</i></td> <td><i>30'</i></td> <td><i>50'</i></td> </tr> <tr> <td><i>Sand, white, waterbearing</i></td> <td><i>4'</i></td> <td><i>54'</i></td> </tr> </table>			2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	<i>Sand & gravel</i>	<i>20'</i>	<i>20'</i>	<i>Sand, Clay, gravel</i>	<i>30'</i>	<i>50'</i>	<i>Sand, white, waterbearing</i>	<i>4'</i>	<i>54'</i>	6 USE <input type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type III Public <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIb Public <input type="checkbox"/>		
			2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM												
			<i>Sand & gravel</i>	<i>20'</i>	<i>20'</i>												
<i>Sand, Clay, gravel</i>	<i>30'</i>	<i>50'</i>															
<i>Sand, white, waterbearing</i>	<i>4'</i>	<i>54'</i>															
7 CASING Diameter <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Plastic <input type="checkbox"/> Welded <i>2 in to 50 ft depth</i> Height Above/Below Surface <i>1 1/2 ft</i> Weight <i>375 lbs./ft</i> Grouted Drill Hole Diameter _____ in to _____ ft. depth Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	
8 SCREEN <input type="checkbox"/> Not Installed Type <i>Clayton mesh</i> Diameter <i>1 1/4"</i> Slot/Gauge <i>80</i> Length <i>48</i> Set between <i>50</i> ft and <i>54</i> ft. FITTINGS <input checked="" type="checkbox"/> K-Packer <input checked="" type="checkbox"/> Lead Packer <input checked="" type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen _____ ft Other _____																	
9 STATIC WATER LEVEL <i>28</i> ft below land surface <input type="checkbox"/> Flow			10 PUMPING LEVEL below land surface <i>28</i> ft after <i>1</i> hrs. pumping at <i>10</i> G.P.M. _____ ft after _____ hrs. pumping at _____ G.P.M.														
11 WELL HEAD COMPLETION <input type="checkbox"/> Pitless adapter <input checked="" type="checkbox"/> 2" above grade <input type="checkbox"/> Basement offset <input type="checkbox"/> Approved pit			12 WELL GROUTED? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes From _____ to _____ ft. <input type="checkbox"/> Near cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ No. of bags of cement _____ Additives _____														
13 Nearest source of possible contamination Type _____ Distance _____ ft Direction _____ Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			14 PUMP <input type="checkbox"/> Not Installed <input type="checkbox"/> Pump Installation Only Manufacturer's name <i>Baker's Hand Pump</i> Model number _____ HP _____ Volts _____ Length of Drop Pipe _____ ft capacity _____ G.P.M. TYPE <input type="checkbox"/> Submersible <input type="checkbox"/> Jet PRESSURE TANK Manufacturer's name _____ Model number _____ Capacity _____ Gallons														
15 Remarks, elevation, source of data, etc. <i>APPROVED BY DRILLER, ITEM N</i> <i>APPROVED BY</i> <i>APPROVED BY</i> ELEVATION DEPTH TO ROCK			16 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. <i>Waldron Well Drilling 0925</i> REGISTERED BUSINESS NAME REGISTRATION NO. Address <i>Exit MI 49631</i> Signed <i>M. E. Waldron</i> Date <i>6-7-82</i> AUTHORIZED REPRESENTATIVE														

Well ID # 15 = 1552

MAR 1 1982



MAR 1 1992

WATER WELL RECORD

ACT 294 PA 1965

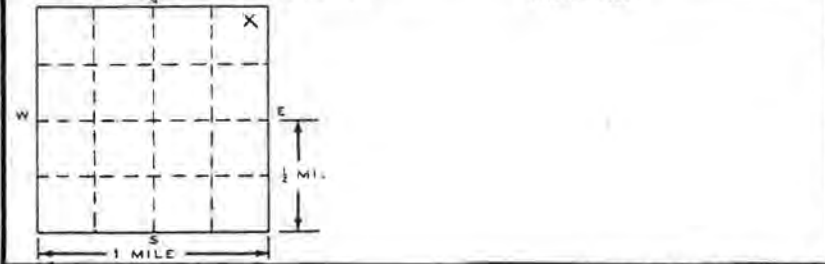
MICHIGAN DEPARTMENT OF PUBLIC HEALTH

1 LOCATION OF WELL

County <i>Oshtemo</i>	Township Name <i>Oshtemo</i>	Fraction <i>N 1/2 E 1/4</i>	Section Number <i>21</i>	Town Number <i>18 N.S.</i>	Range Number <i>5 E/W.</i>
--------------------------	---------------------------------	--------------------------------	-----------------------------	-------------------------------	-------------------------------

Distance And Direction from Road Intersections
W. on of 9 mile rd - 90th cross (S.W. corner)

Street Address & City of Well Location



3 OWNER OF WELL:
North East State Bank
Address *East 1st 496 St*

4 WELL DEPTH: (completed) Date of Completion
115 ft. 11-20-81

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. *2 in.* to *111 ft.* Depth
Height: Above/Below Surface *4* ft.
Weight *375* lbs./ft.
Drive Shoe? Yes No

2 FORMATION

FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<i>clay</i>	<i>13'</i>	<i>13'</i>
<i>hard clay, gravel</i>	<i>80'</i>	<i>93'</i>
<i>hard brown</i>	<i>17'</i>	<i>110'</i>
<i>gravel - water-bearing</i>	<i>5'</i>	<i>115'</i>

8 SCREEN:
Type *Clayton track* Dia.: *1 1/4*
Slot/Gauze *60* Length *48"*
Set between *111* ft. and *115* ft.
Fittings:

9 STATIC WATER LEVEL
70 ft. below land surface

10 PUMPING LEVEL below land surface
70 ft. after *1* hrs. pumping *10* g.p.m.
_____ ft. after _____ hrs. pumping _____ g.p.m.

11 WATER QUALITY in Parts Per Million:
Iron (Fe) *1* 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 _____ ft. to _____ ft.

14 Nearest Source of possible contamination
75 feet *E.* Direction *Septic* Type
Well disinfected upon completion Yes No

15 PUMP: Not installed
Manufacturer's Name *F.W.*
Model Number *6267H* HP *1/4* Volts _____
Length of Drop Pipe *84* ft. capacity *6* G.P.M.
Type: Submersible Jet Reciprocating

16 Remarks, elevation, source of data, etc.

WELL INFO BY DRILLER, ITEM NO.
LOCATED BY *ST*
POSITION 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.
Waterwell Well Services - 0935
REGISTERED BUSINESS NAME REGISTRATION NO.
Address *East 1st 496 St*
Signed *J.E. Thompson* Date *11-20-81*
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:
 3A-60900589

PERMIT NO:
 96-11-0325

1. LOCATION OF WELL

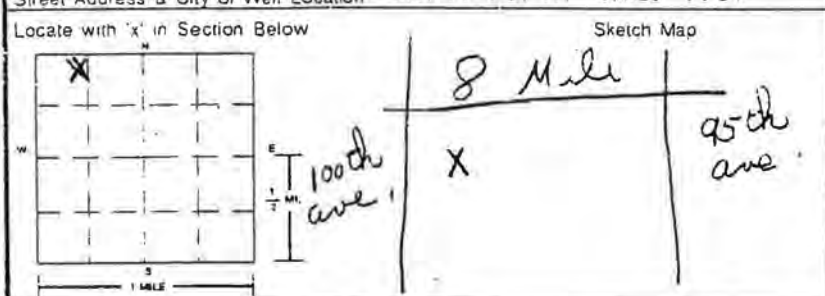
County: OCEOLA Township Name: OCEOLA Fraction: NE 1/4 NW 1/4 NW 1/4 Section No.: 28 Town No.: 18N Range No.: 8W

Distance and Direction from Road Intersection
1 1/5 MILE SOUTH EAST CORNER OF
100TH AVENUE AND EIGHT MILE

Street Address & City of Well Location: NINETY FIFTH AVE. 7717

3. OWNER OF WELL
 Address: SPRING HILL CAMP
7717 95 TH AVENUE
EVART, MI. 49831

Address Same as Well Location: Yes No



4. WELL DEPTH: 235 ft. Date Completed: 04, 09, 97 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: 1 ft
 Diameter: 5 in. to 235 ft depth
 Weight: 3 lbs./ft.

BORE HOLE: Drive Shoe Shale Packer
 Diameter: 8 in. to ___ ft. depth

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
BROWN CLAY	17	17
BROWN SAND	73	90
GRAY BROWN SAND FINE	19	109
HARD GRAY CLAY	12	121
MEDIUM BROWN GRAY SAND	14	135
GRAY CLAY AND SAND	5	140
GRAY CLAY	10	150
GRAY CLAY AND SAND	3	153
GRAY SAND	1	154
HARD GRAY CLAY	11	165
GRAY CLAY AND SAND	5	170
HARD GRAY CLAY	2	172
GRAY SAND	8	180
HARD GRAY CLAY	2	182
MEDIUM HARD GRAY CLAY	9	191

8. SCREEN: Not Installed Gravel-Packed
 Type: PLASTIC Diameter: 5 in.
 Slot/Gauge: 12 Length: ___ ft.
 Set Between: SEE #2 ft. and ___ ft.
 FITTINGS: K-Packer Bremer Check
 Blank Above Screen ___ ft. Other: ___

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

10. PUMPING LEVEL: Below Land Surface
24 ft. Alter 2 hrs. Pumping at 150 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 90 ft.
 Neat Cement Bentonite Other
 No. of Bags: 14 Additives: PLYMER

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
 Type: SEPTIC Distance: 75 ft. Direction: SB.
 Type: ___ Distance: ___ ft. Direction: ___

14. PUMP: Not Installed Pump Installation Only
 Manufacturer's Name: RED JACKET
 Model Number: 10EC HP: 5 Volts: 230
 Length of Drop Pipe: 50 ft. Capacity: 90 G.P.M.
 TYPE: Submersible Jet Other
 PRESSURE TANK:
 Manufacturer's Name: CUSTOMER TO INSTALL
 Model Number: ___ Capacity: ___ Gallons

15. ABANDONED WELL PLUGGED? Yes No
 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

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

SEE PAGE TWO FOR REST OF FORMATION DESCRIPTION

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
 Name: JEFF ALLSHOUSE

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.

Kellan Well Drilling Inc. REGISTRATION NO. 1924
 Address: 3766 Noble Brighton MI 48116

Signed: Don Keller AUTHORIZED REPRESENTATIVE Date: 6-24-97

Well ID=29

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:
39-6090586

1. LOCATION OF WELL

County: OCEOLA

PERMIT NO:
96-11-0325

Township Name: OCEOLA

Fraction: NE 1/4 NW 1/4

Section No.: 28

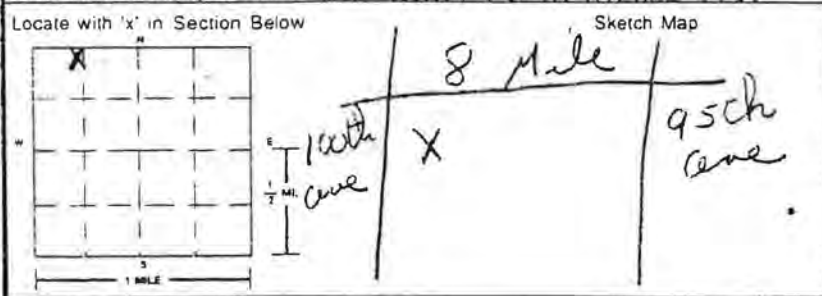
Town No.: 18N

Range No.: 8W

Distance and Direction from Road Intersection
1/8 MILE SOUTH/EAST CORNER OF 100TH AVENUE AND EIGHT MILE.

Street Address & City of Well Location: NINETY FIFTH AVENUE 7717

3. OWNER OF WELL
Address: SPRING HILL CAMP
7717 95TH AVENUE
EVART, MI. 49631
Address Same as Well Location Yes No



4. WELL DEPTH: 235 ft. Date Completed: 04/09/97 New Well Replacement Well

5. Casing 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

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
PAGE #2		
GRAY SAND	2	193
HARD GRAY CLAY	1	194
GRAY SAND	1	195
MEDIUM HARD GRAY CLAY	2	197
GRAY SAND	2	199
GRAY CLAY	19	218
FINE GRAY SAND	17	235
HARD GRAY CLAY	10	245
SCREENS		
GRAVEL PACKED WELL	90	110
90 FT TO 235 FT.	120	140
90 FT TOTAL LENGTH OF	170	180
SCREEN AREA	195	235

7. CASING: Steel Threaded Plastic Welded Other

Height: Above/Below Surface: 1 ft

Diameter: _____ in. to _____ ft. depth

Weight: 3 lbs./ft.

BORE HOLE: Drive Shoe Shale Packer

8. SCREEN: Not Installed Gravel-Packed

Type _____ Diameter _____ in.

Slot/Gauze _____ Length: _____ ft.

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: 14 Additives: Polymer

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

15. ABANDONED WELL PLUGGED? Yes No

Casing Diameter _____ in. Depth _____ ft.

PLUGGING MATERIAL: Neat Cement Bentonite Slurry Concrete Grout Bentonite Chips

Cement/Bentonite Slurry Casing Removed? Yes No

14. PUMP: Not Installed Pump Installation Only

Manufacturer's Name _____

Model Number _____ HP _____ Volts _____

Length of Drop Pipe _____ ft. Capacity _____ G.P.M.

TYPE: Submersible Jet Other _____

PRESSURE TANK: Manufacturer's Name _____ Model Number _____ Capacity _____ Gallons _____

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

PAGE TWO OF FORMATIONS
96-11-0325

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
Name: JEFF ALLSHOUSE

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.

REGISTERED BUSINESS NAME: Keller Well Drilling Inc. REGISTRATION NO: 1529

Address: 3766 Noble Brighton MI 48116

Signed: Dore Keller Date: 6-24-97

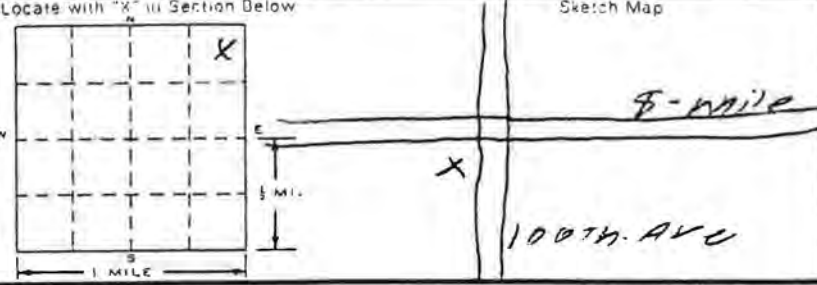
AUTHORIZED REPRESENTATIVE

WATER WELL AND PUMP RECORD

PART 127 ACT 368, P.A. 1978

--	--	--	--	--	--

PERMIT NUMBER

1 LOCATION OF WELL			
County <i>OSCEOLA</i>	Township Name <i>OSCEOLA</i>	Fraction <i>NE 1/4 NE 1/4</i>	Section Number <i>29</i>
Distance And Direction From Road Intersection <i>8 mile + 100th. Ave</i>		Town Number <i>18 N/W</i>	
Street Address & City of Well Location <i>WELL ON SOUTH + WEST CORNER OF INTERSECTION</i>		Range Number <i>8 E/W</i>	
Locate with "X" in Section Below 		3 OWNER OF WELL <i>CHUCK DAVIS</i>	
		Address <i>EL ART, MICH</i>	
		Address Same As Well Location? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		4 WELL DEPTH (completed) <i>77 ft</i>	
		Date of Completion <i>10-23-87</i>	
		<input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Lined <input type="checkbox"/>	
		5 USE <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type III Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIb Public <input type="checkbox"/>	
		6 CASING Diameter <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Plastic <input type="checkbox"/> Welded Height Above/Below Surface <i>1</i> ft Weight <i>3.75</i> lbs./ft. Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
2 FORMATION DESCRIPTION		7 SCREEN	
THICKNESS OF STRATUM		<input type="checkbox"/> Not Installed Type <i>Midwest</i> diameter <i>1 1/4"</i> Slot Gauge <i>80</i> Length <i>41</i> Set between <i>73</i> ft. and <i>77</i> ft. FITTINGS <input checked="" type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input checked="" type="checkbox"/> Bremer Check <input checked="" type="checkbox"/> Blank above screen <i>1</i> ft. Other _____	
DEPTH TO BOTTOM OF STRATUM		8 STATIC WATER LEVEL	
<i>CLAY Red</i> 5' 5'		<i>60</i> ft. below land surface <input type="checkbox"/> Flow	
<i>SAND yellow</i> 18' 23'		9 PUMPING LEVEL below land surface	
<i>GRAVEL</i> 12' 35'		<i>70</i> ft. after <i>1</i> hrs. pumping at <i>14</i> G.P.M.	
<i>SAND yellow</i> 30' 65'		_____ ft. after _____ hrs. pumping at _____ G.P.M.	
<i>SAND white</i> 12' 77'		10 WELL HEAD COMPLETION	
		<input type="checkbox"/> Pitless adapter <input checked="" type="checkbox"/> 12" above grade <input type="checkbox"/> Basement offset <input type="checkbox"/> Approved pit	
		11 WELL GROUTED?	
		<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes From _____ to _____ ft. <input type="checkbox"/> Near cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ No. of bags of cement _____ Additives _____	
		12 Nearest source of possible contamination	
		Type <i>SEPTIC</i> Distance <i>79</i> ft. Direction <i>SOUTH</i> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		13 PUMP	
		<input checked="" type="checkbox"/> Not Installed <input type="checkbox"/> Pump Installation Only Manufacturer's name _____ Model number _____ HP _____ Volts _____ Length of Drop Pipe _____ ft. capacity _____ G.P.M. TYPE <input type="checkbox"/> Submersible <input type="checkbox"/> Jet PRESSURE TANK Manufacturer's name _____ Model number _____ Capacity _____ Gallons	
15. Remarks, elevation, source of data, etc.		16. WATER WELL CONTRACTOR'S CERTIFICATION:	
<i>6 1/2' DROP PIPE</i>		This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <i>Sorenson</i> <i>1565</i> REGISTERED BUSINESS NAME REGISTRATION NO. Address <i>#1 Searls Mich</i> Signed <i>Robt. Sorenson</i> Date <i>10-30-87</i> AUTHORIZED REPRESENTATIVE	

RECEIVED
Mich. Dept. of Public Health
DEC 14 1987
Bureau of Environmental and Occupational Health - GWOS

USE A 2ND SHEET IF NEEDED

Well ID = 27 = 1652

WATER WELL AND PUMP RECORD

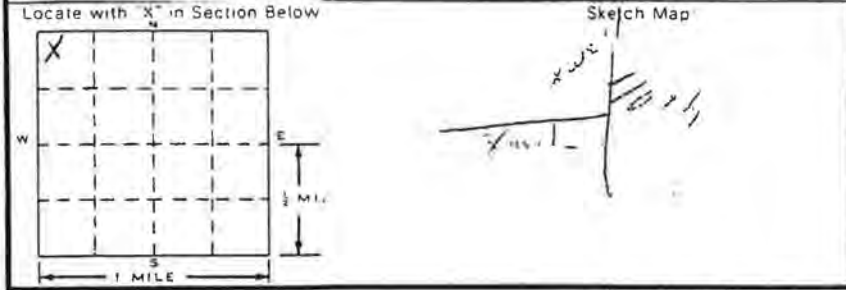
--	--	--	--	--	--	--	--

PERMIT NUMBER

1 LOCATION OF WELL					
County <u>Oscoda</u>	Township Name <u>Oscoda</u>	Fraction <u>N 1/2 Sec 20 T 14 N R 7 W</u>	Section Number <u>29</u>	Town Number <u>17 N 1/4</u>	Range Number <u>7 E/W</u>

Distance And Direction From Road Intersection
10897 - 8 Mile Road

Street Address & City of Well Location
Locate with "X" in Section Below



3 OWNER OF WELL:
Bill Weinberg
Address: 10897 - 8 Mile Rd. Ewart, Mi. 49631
Address Same As Well Location? Yes No

4 WELL DEPTH: 91 FT. Date Completed: 5/21/96 New Well Replacement Well

5 Cable tool Rotary Driven Dug
 Hollow rod Auger Jetted

6 USE Domestic Type I Public Type III Public
 Irrigation Type IIa Public Heat pump
 Test Well Type IIb Public

7 CASING Diameter Steel Threaded Plastic Welded
4 in to 7 1/2 ft. depth Height: Above/Below Surface 1 ft.
7 in to 70 ft. depth Weight 11 lbs./ft.
GROUTED DRILL HOLE DIAMETER 7 in to 70 ft. depth Drive Shoe Yes No

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Clay & Gravel</u>	<u>10</u>	<u>10</u>
<u>Clay</u>	<u>10</u>	<u>20</u>
<u>Sand & Gravel</u>	<u>20</u>	<u>40</u>
<u>Sand</u>	<u>3</u>	<u>43</u>
<u>Clay & Gravel</u>	<u>7</u>	<u>50</u>
<u>Sand & Gravel</u>	<u>41</u>	<u>91</u>

8 SCREEN: Not Installed, Type Howard Smith Diameter 3 1/2
Slot/Gauge 10 Length 2'
Set between 76 ft and 91 ft.
FITTINGS K-Packer Lead Packer Bremer Check
 Blank above screen 8 ft Other _____

9 STATIC WATER LEVEL: 45 ft. below land surface Flow

10 PUMPING LEVEL: below land surface 45 ft. after 2 hrs. pumping at 12 G.P.M.
45 ft. after _____ hrs. pumping at _____ G.P.M.

SEP 13 1995

BUREAU OF ENVIRONMENTAL & OCCUPATIONAL HEALTH-GWQS

11 WELL HEAD COMPLETION: Pitless adapter 12" above grade
 Basement offset Approved or

12 WELL GROUTED? No Yes From 0 to 70 ft.
 Neat cement Bentonite Other _____
No. of bags of cement 4 Additives _____

13 Nearest source of possible contamination: Type Septic Distance 50' Direction N
Well disinfected upon completion? Yes No
Was old well plugged? Yes No

14 PUMP Not installed Pump Installation Only
Manufacturer's name Asinot
Model number A-12 HP 1/2 Volts 220
Length of Drop Pipe 63 ft. capacity _____ G.P.M.
TYPE Submersible Jet
PRESSURE TANK: Manufacturer's name Y-T-01
Model number 10x202 Capacity 49 Gallons

15. Remarks, elevation, source of data, etc.

17. Rig Operator's Name: Goodwin Dissett

16. 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.

Kit Waldron Well Drilling 6907
REGISTERED BUSINESS NAME: _____ REGISTRATION NO. _____
Address: 10770 - 8 Mile Rd. - Ewart, MI.
Signed: Kit Waldron Date: 5/23/96
AUTHORIZED REPRESENTATIVE

Well ID=26

JUN 27 1969

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

1 LOCATION OF WELL

County Oscoda Twp. Evart Oscoda Fraction NE 1/4 NE 1/4 NW 1/4 Section No. 28 Town 18 N 1/2 Range 8 E/W

Distance And Direction from Road Intersections

Twin Creek Rd. Evart Mich.
LAUMAN RD. INTERSECTION

OWNER No. _____

3 OWNER OF WELL: Spring Hill Bible Camp
Address Evart Michigan

2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Sand - brown</u>	<u>30</u>	<u>30</u>
<u>Clay -</u>	<u>7</u>	<u>37</u>
<u>White - coarse sand - water bearing</u>	<u>8</u>	<u>45</u>

4 WELL DEPTH: (completed) 45 ft. Date of Completion 12/17/68

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. 2 in. to 4 1/2 ft. Depth Height: 4 ft. Above/Below surface
Weight: 275 lbs./ft. Drive Shoe? Yes No

8 SCREEN: Type: #129 Dia.: 1 1/4
Slot/Gauze 60 Length 48"
Set between 41 ft. and 45 ft.
Fittings: _____

9 STATIC WATER LEVEL 21 ft. below land surface

10 PUMPING LEVEL below land surface
30 ft. after 1 hrs. pumping 10 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: Nearest Source of possible contamination _____ feet _____ Direction _____ Type _____
Well disinfected upon completion Yes No

15 PUMP: Manufacturer's Name _____
Model Number _____ HP _____
Length of Drop Pipe _____ ft. capacity _____ G.P.M.
Type: Submersible _____
 Jet Reciprocating

16 Remarks, elevation, source of data, etc.

ADDED INFO. _____ MILLER ITEM NO. _____

CORRECTED BY _____

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.

Tharston Well Drilling 0935
REGISTERED BUSINESS NAME REGISTRATION NO.

Address Evart, Michigan 49631

Signed Tharston Well Drilling Date 12-17-68
AUTHORIZED REPRESENTATIVE

Well ID = 28 = 1647

WATER WELL AND PUMP RECORD

PART 127 ACT 368, P.A. 1978

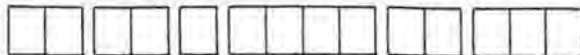
--	--	--	--	--

PERMIT NUMBER

1 LOCATION OF WELL County <u>Oscoda</u> Township Name <u>Oscoda</u> Fraction <u>NE 1/4</u> Section Number <u>21</u> Town Number <u>18 N/S</u> Range Number <u>8 EW</u>	
Distance And Direction From Road Intersection <u>Rd. TAKE LAUNAN RD + LAUNAN RD. SOUTH 1/4 NW WELL ON WEST SIDE OF RD.</u>	
Street Address <u> </u> City of Well Location <u> </u>	
Locate with "X" in Section Below 	
OWNER OF WELL <u>CHUCK DAVIS</u> Address <u>R # 2 EVART MAIL</u> Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4 WELL DEPTH (Completed) <u>83</u> ft Date of Completion <u>11-11-81</u> 5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Jetted <input type="checkbox"/>	
6 USE <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type III Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIb Public <input type="checkbox"/>	
7 CASING Diameter <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Plastic <input type="checkbox"/> Height Above/Below Surface <u>1</u> ft <u>2</u> in to <u>80</u> ft depth Weight <u>3.75</u> lbs./ft. Grouted Drill Hole Diameter <input type="checkbox"/> Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
8 SCREEN <input type="checkbox"/> Not Installed Type <u>JOHNSON</u> Diameter <u>1 1/2"</u> Slot/Cams <u>7</u> Length <u>40"</u> Set between <u>79</u> ft and <u>83</u> ft FITTINGS <input checked="" type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input checked="" type="checkbox"/> Bremer Check <input checked="" type="checkbox"/> Blank above screen <u>15M</u> Other <u> </u>	
9 STATIC WATER LEVEL <u>50</u> ft. below land surface <input type="checkbox"/> Flow	
10 PUMPING LEVEL below land surface <u>62</u> ft after <u>1</u> hrs. pumping at <u>13</u> GPM <u> </u> ft after <u> </u> hrs. pumping at <u> </u> GPM	
11 WELL HEAD COMPLETION <input checked="" type="checkbox"/> Wellless adapter <input type="checkbox"/> 12" above grade <input type="checkbox"/> Basement offset <input type="checkbox"/> Approved pit	
12 WELL GROUTED? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes From <u> </u> to <u> </u> ft. <input type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other <u> </u> No. of bags of cement <u> </u> Additives <u> </u>	
13 Nearest source of possible contamination Type <u>SEPTIC</u> distance <u>60</u> ft Direction <u>W</u> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14 PUMP <input type="checkbox"/> Not installed <input type="checkbox"/> Pump installation Only Manufacturer's name <u>FLINT & WALLING</u> Model number <u>C62474</u> HP <u>3/4</u> Volts <u>220</u> Length of Drop Pipe <u>63</u> ft capacity <u> </u> GPM TYPE <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Jer PRESSURE TANK Manufacturer's name <u>E-TROL</u> Model number <u>107-202</u> Capacity <u>42</u> Gallons	
15 Remarks elevation, source of <u> </u> INFO BY DRILLER, ITEM NO. <u> </u> *CORRECTED BY <u>T</u> **ADDITION BY <u>T</u> ELEVATION <u> </u> DEPTH TO ROCK <u> </u>	
16 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 <u>Sorensons</u> <u>1040</u> REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>R # 1 5th</u> Signed <u> </u> AUTHORIZED REPRESENTATIVE Date <u>11-11-81</u>	

USE A 2ND SHEET IF NEEDED

Well ID-17 = 1555



FEB 23 1976

WATER WELL RECORD
ACT 294 PA 1965

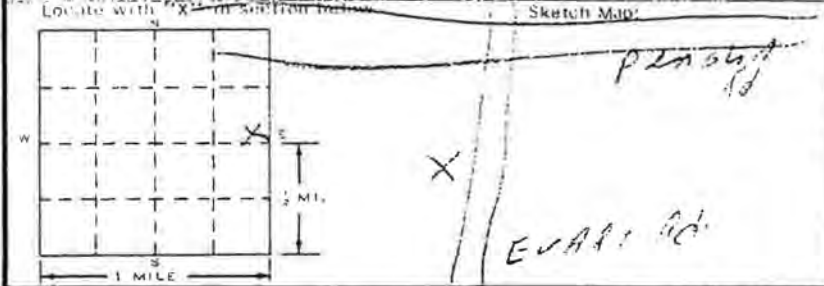
MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County <u>Oscoda</u>	Township Name <u>Oscoda</u>	Fraction <u>SE 1/4 N 1/2 W 1/4</u>	Section Number <u>21</u>	Town Number <u>18 N/S</u>	Range Number <u>7 SW</u>
-------------------------	--------------------------------	---------------------------------------	-----------------------------	------------------------------	-----------------------------

Distance And Direction from Road Intersections
30' W side of road to SW corner of section
on W side of road

Street address & City of Well Location
22344 E-411
OSCODA MICH



3 OWNER OF WELL:
Address
Jim Coffey
22344 E-411
OSCODA MICH

4 WELL DEPTH: (completely) Date of Completion
19 ft. 12-10-75

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 Height: Above/Below Surface 1 ft.
Diam. _____ Weight 5.795 lb./ft.
2 in. to 95 ft. Depth Drive Shoe? Yes No

2 FORMATION

FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>SAND + CLAY</u>	<u>36'</u>	<u>36'</u>
<u>CLAY Red</u>	<u>15'</u>	<u>51'</u>
<u>Sand + CLAY</u>	<u>30'</u>	<u>81'</u>
<u>CLAY GRAY</u>	<u>10'</u>	<u>91'</u>
<u>SAND Yellow</u>	<u>7'</u>	<u>99'</u>

8 SCREEN:
Type: SET Dia.: 1 1/4"
Slot/Gauze 70 Length 4'
Set between 94 ft. and 98 ft.
Fittings: 15 Pump Check

9 STATIC WATER LEVEL
70 ft. below land surface

10 PUMPING LEVEL below land surface
80 ft. after 1 hrs. pumping 9 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 _____ ft. to _____ ft.

14 Nearest Source of possible contamination
95 feet N Direction Surface Tank
Well disinfected upon completion Yes No

15 PUMP: Not installed
Manufacturer's Name K&F Pumps
Model Number 415 HP/1/2 Volts 200
Length of Drop Pipe 70 ft. capacity _____ G.P.M.
Type: Submersible Jet Reciprocating

16 Remarks, elevation, source of data, etc.

DRILLER ITEM NO. 12
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.
REGISTERED BUSINESS NAME W. J. ... REGISTRATION NO. 10010
Address ...
Signed W. J. ... Date 12-10-75
AUTHORIZED REPRESENTATIVE

Well ID = 12

WATER WELL AND PUMP RECORD

PART 127 ACT 368, P.A. 1978

--	--	--	--	--

PERMIT NUMBER

<p>1 LOCATION OF WELL</p> <p>County <u>OSCEOLA</u> Township Name <u>OSCEOLA</u> Fraction <u>SE 1/4 NE 1/4 NE 1/4</u> Section Number <u>21</u> Town Number <u>18 N/3</u> Range Number <u>8 W</u></p>																	
<p>Distance And Direction From Road Intersection <u>North of EVART on EVART Rd, 1 1/2 mile on West side of Rd.</u></p> <p>Street Address & City of Well Location</p>		<p>3 OWNER OF WELL <u>Gary GILDERS</u></p> <p>Address <u>EVART, Mich 49631</u></p> <p>Address Same As Well Location? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>															
<p>Sketch Map</p>		<p>4 WELL DEPTH (completed) <u>110</u> ft Date of Completion <u>7/15/85</u></p> <p>5 <input checked="" type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driver <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Jetted <input type="checkbox"/></p> <p>6 USE <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type III Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIb Public <input type="checkbox"/></p> <p>7 CASING Diameter <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Plastic <input type="checkbox"/> Welded <u>4</u> in. to <u>105</u> ft. depth Height <u>5</u> ft. Below Surface GROUTED Drill Hole Diameter <u>11</u> lbs./ft. Weight Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>															
<p>2 FORMATION DESCRIPTION</p> <table border="1"> <thead> <tr> <th>FORMATION DESCRIPTION</th> <th>THICKNESS OF STRATUM</th> <th>DEPTH TO BOTTOM OF STRATUM</th> </tr> </thead> <tbody> <tr> <td><u>Clay</u></td> <td><u>20</u></td> <td><u>20</u></td> </tr> <tr> <td><u>Gravel</u></td> <td><u>50</u></td> <td><u>70</u></td> </tr> <tr> <td><u>Muddy SAND</u></td> <td><u>20</u></td> <td><u>90</u></td> </tr> <tr> <td><u>Water SAND</u></td> <td><u>20</u></td> <td><u>110</u></td> </tr> </tbody> </table>		FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	<u>Clay</u>	<u>20</u>	<u>20</u>	<u>Gravel</u>	<u>50</u>	<u>70</u>	<u>Muddy SAND</u>	<u>20</u>	<u>90</u>	<u>Water SAND</u>	<u>20</u>	<u>110</u>	<p>8 SCREEN <input type="checkbox"/> Not installed</p> <p>Type <u>Johnson</u> Diameter <u>3 1/2"</u></p> <p>Slot/Groove <u>12</u> Length <u>5'</u></p> <p>Set between <u>105</u> ft and <u>110</u> ft</p> <p>FITTINGS <input checked="" type="checkbox"/> Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check <input checked="" type="checkbox"/> Blank above screen <u>2</u> ft Other</p> <p>9 STATIC WATER LEVEL <u>70</u> ft. below land surface <input type="checkbox"/> Flow</p> <p>10 PUMPING LEVEL below land surface</p> <p>_____ ft. after _____ hrs. pumping at _____ G.P.M. _____ ft. after _____ hrs. pumping at _____ G.P.M.</p> <p>11 WELL HEAD COMPLETION <input type="checkbox"/> Pileless adapter <input type="checkbox"/> 12" above grade <input type="checkbox"/> Basement offset <input checked="" type="checkbox"/> Approved pit</p> <p>12 WELL GROUTED? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes From _____ to _____ ft. <input type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ No. of bags of cement _____ Additives _____</p> <p>13 Nearest source of possible contamination Type <u>Septic</u> Distance <u>50</u> ft Direction <u>North</u> Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>14 PUMP <input type="checkbox"/> Not installed <input type="checkbox"/> Pump installation Only Manufacturer's name <u>Airmotor</u> Model number <u>51809</u> HP <u>3/4</u> Volts <u>230</u> Length of Drop Pipe <u>92</u> ft capacity <u>20</u> G.P.M. TYPE <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jer PRESSURE TANK Manufacturer's name _____ Model number _____ Capacity _____ Gallons</p>
FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM															
<u>Clay</u>	<u>20</u>	<u>20</u>															
<u>Gravel</u>	<u>50</u>	<u>70</u>															
<u>Muddy SAND</u>	<u>20</u>	<u>90</u>															
<u>Water SAND</u>	<u>20</u>	<u>110</u>															
<p>15 Remarks, elevation, source of data, etc</p> <p>RECEIVED Mich. Dept. of Public Health 8 1985</p>		<p>16 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</p> <p><u>Waldron Well Drilling 0907</u> REGISTERED BUSINESS NAME REGISTERATION NO.</p> <p>Address <u>EVART Mich. 49631</u></p> <p>Signed <u>Kel Waldron</u> Date <u>8/3/85</u> AUTHORIZED REPRESENTATIVE</p>															

WELL ID = 13 = 1551

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

LOCATION OF WELL															
County <u>OSCEOLA</u>		Twp. <u>OSCEOLA</u>		Fraction <u>NE 1/4 NE 1/4</u>		Section No. <u>17</u>		Town <u>18 N/3</u>		Range <u>8 R/W</u>					
Distance And Direction from Road Intersections <u>4 mi Lucas Rd - EVART, Mich.</u>				OWNER No. 		3 OWNER OF WELL: <u>CARL HULLER</u> Address <u>R. #3 EVART, Mich.</u>									
2 FORMATION		THICKNESS OF STRATUM		DEPTH TO BOTTOM OF STRATUM		4 WELL DEPTH: (completed) <u>148</u> ft. Date of Completion <u>4/15/69</u>									
<u>SAND-</u>		<u>18'</u>		<u>18'</u>		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"/>									
<u>GRAVEL-SAND-CLAY</u>		<u>72'</u>		<u>90'</u>		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"/>									
<u>FINE-BROWN-SAND-WATER BEARING</u>		<u>50'</u>		<u>140'</u>		7 CASING: Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Diam. <u>2</u> in. to <u>144</u> ft. Depth Height: <u>Above</u> / Below surface <u>5</u> ft. Weight <u>375</u> lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
<u>GRAVEL & SAND-WATER BEARING</u>		<u>8'</u>		<u>148'</u>		8 SCREEN: Type: <u>129(S.S.)</u> Dia.: <u>1 1/4</u> Slot/Gauze <u>80</u> Length <u>48'</u> Set between <u>144</u> ft. and <u>148</u> ft. Fittings:									
						9 STATIC WATER LEVEL <u>60</u> ft. below land surface									
						10 PUMPING LEVEL below land surface <u>80</u> ft. after <u>1</u> hrs. pumping <u>10</u> 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: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input checked="" type="checkbox"/> 12" Above Grade									
						13 GROUTING: Well Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Material: <input type="checkbox"/> Neat Cement <input type="checkbox"/> Depth: From _____ ft. to _____ ft.									
						14 SANITARY: Nearest Source of possible contamination <u>75</u> feet <u>Sa</u> Direction <u>Septic</u> Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
						15 PUMP: Manufacturer's Name <u>F. & W.</u> Model Number _____ HP <u>3/4</u> Length of Drop Pipe _____ ft. capacity _____ G.P.M. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Reciprocating									
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. <u>Shedron Well Drilling</u> <u>0935</u> REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>Evart, Mich.</u> Signed <u>M. E. Shedron</u> Date <u>4/30/69</u> AUTHORIZED REPRESENTATIVE									

Well ID = 3

WATER WELL AND PUMP RECORD

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

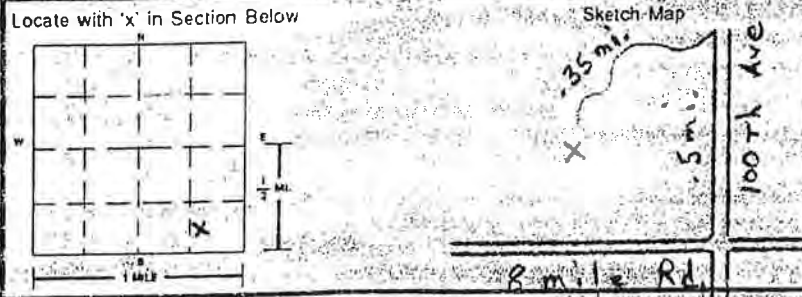
TAX NO:
67-12-021-010-00

PERMIT NO:
00-0097

1. LOCATION OF WELL
County: Oshtemo Township Name: Oshtemo Fraction: NW 1/4 SE 1/4 Section No.: 20 Town No.: 16N Range No.: 8W

Distance and Direction from Road Intersection
About .5 mile North of 8 Mile Road and about .35 mile West & South of 100th Avenue
Street Address & City of Well Location

3. OWNER OF WELL
Address: **Spring Hill Camps
7717 95th Avenue
Evanston, MI 49631**
Address Same as Well Location Yes No



4. WELL DEPTH: 87 ft. Date Completed: 4-18-00
 New Well Replacement Well

5. Cable Tool Rotary Driven Dug
 Hollow Rod Auger/Bored Jetted

2. FORMATION DESCRIPTION

FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
Sand	22	22
Sand & Red Clay	6	28
Sand	7	35
Blue Clay	10	45
Sand & Blue Clay	5	50
Sand	2	52
Sand, Gravel & Fine Blue Clay	10	62
Blue Clay	18	80
Sand	7	87

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: 1 ft.
Diameter: 2 in. to 82 ft. depth 3.75 lbs./ft.
RORE HOLE: Drive Shoe Shale Packer

8. SCREEN: Not Installed Gravel Packed
Type: Johnson Diameter: 1 1/2"
Slot/Gauze: 10 Length: 4 ft.
Set Between: 83 ft. and 87 ft.
FITTINGS: K-Packer Bremer Check Blank Above Screen 1 ft. Other

9. STATIC WATER LEVEL: 28 ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface
40 ft. After 1 hrs. Pumping at 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 72 ft.
 Neat Cement Bentonite Other
No. of Bags: 11 Additives

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
Type: Gray water Distance: 75 ft. Direction: NE
Type: _____ Distance: _____ ft. Direction: _____

15. ABANDONED WELL PLUGGED? Yes No
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: Baker Hand pump
Model Number _____ HP _____ Volts
Length of Drop Pipe _____ ft. Capacity _____ G.P.M.
TYPE: Submersible Jet Other
PRESSURE TANK:
Manufacturer's Name _____
Model Number _____ Capacity _____ Gallons

16. REMARKS: (Elevation, Source of Data, etc.)
JUN - 7 2000

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
Name: Frederick Rekul

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.
Rekul Well Drilling 67-1207
REGISTERED BUSINESS NAME REGISTRATION NO.
Address: 19985 Hoover Rd., Big Rapids, MI 49307
Signed: Frederick Rekul Date: 6-6-00
AGENT REPRESENTATIVE

?1 = 3713

[Home](#) [Help](#)



maps

- Address
- Airport
- ZIP Code
- City
- Area Code
- Lat / Long
- Road Atlas Key
- Saved Maps

[6190-6243] 65TH AVE
EVART, MI
49631, US

EVART Offers:
Hotels



Get Directions To This Location



Map a New Location

EVART Off

Stay Hotel
Bed and b

Fly Cheap
minute fai

Drive New
cars, Auto
Rental car
financing

Home Hon
Mortgage
Realtors

People Per
White pag

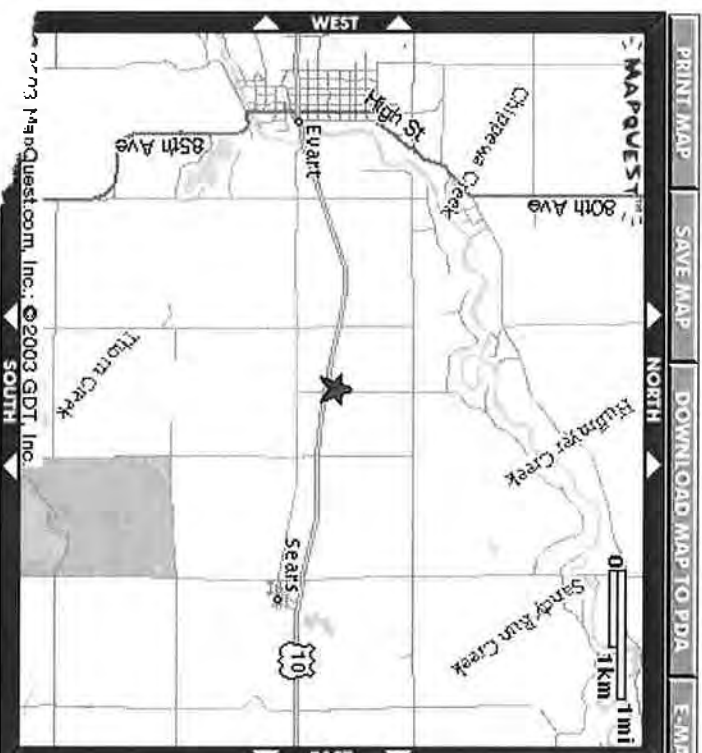
Search for the nearest:
BORDERS*



Orbitz Travel Deals

Hotels:

Save up to 70% on Orbitz Savers nationwide. Search EVART, MI!



PROG
AUTO IN

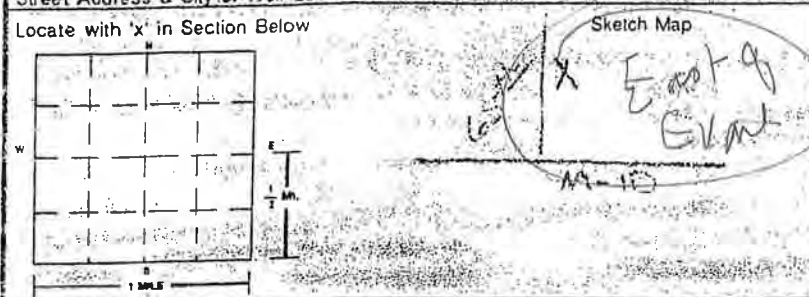
TAX NO.: _____ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY PERMIT NO.: 98-030444

WATER WELL AND PUMP RECORD

1. LOCATION OF WELL
 County: Osceola Township Name: Osceola Fraction: NW 1/4 SW 1/4 SE 1/4 Section No.: 20 Town No.: 7-18 Range No.: R-17

Distance and Direction from Road Intersection
North of M-10 on the east side of 65th Ave.
 Street Address & City of Well Location: 65th Ave., East

3. OWNER OF WELL: Rich Bentley
 Address: 65th Ave. East, MI 49631
 Address Same as Well Location: Yes No



4. WELL DEPTH: 275 ft. Date Completed: 3-30-98
 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
 Diameter: 5 in. to 15 ft. depth Weight: _____ lbs./ft.
 BORE HOLE: Drive Shoe Shale Packer
 Diameter: 8 1/2 in. to 21 1/2 ft. depth
4 1/2 in. to 27 1/2 ft. depth

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>clay</u>	<u>270</u>	<u>270</u>
<u>Sand</u>	<u>5</u>	<u>275</u>
AUG - 3 1998		
<p>Well log is late, because we were waiting for final hand-up, but owner has decided to hand-up.</p> <p style="text-align: center;">new well ↑</p>		

8. SCREEN: Not Installed Gravel-Packed
 Type: stainless Diameter: 2"
 Slot/Gauze: 1 Length: 6'
 Set Between: 269 ft. and 275 ft.
 FITTINGS: K-Packer Bremer Check Blank Above Screen 2.5 ft. Other: 2.5

9. STATIC WATER LEVEL: 60 ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface: 275 ft. After 1 hrs. Pumping at 5 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 215 to 0 ft.
 Neat Cement Bentonite Other
 No. of Bags: 15 Additives: Water

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
 Type: septic Distance: 75 ft. Direction: West
 Type: _____ Distance: _____ ft. Direction: _____

15. ABANDONED WELL PLUGGED? Yes No
 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: _____ Model Number: _____ HP: _____ Volts: _____
 Length of Drop Pipe: _____ ft. Capacity: _____ G.P.M.
 TYPE: Submersible Jet Other
 PRESSURE TANK: Manufacturer's Name: _____ Model Number: _____ Capacity: _____ Gallons

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

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
 Name: Jim Mobley

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.
Herb's Well & Pump Service 78-1804
 REGISTERED BUSINESS NAME: _____ REGISTRATION NO.: _____
 Address: 11337 Sheridan Rd., New Lenox, MI 48040
 Signed: Ned Dowell Date: 7-30-98
 AUTHORIZED REPRESENTATIVE

WATER WELL AND PUMP RECORD

PERMIT NUMBER

PART 127 ACT 368, P.A. 1978

67180820001


1 LOCATION OF WELL

County: Washtenaw Township Name: Uxbridge Fraction: NW 1/4 T14N R14W Section Number: 20 Town Number: 18 N18 Range Number: 8 E1W

Distance And Direction From Road Intersection: S.E. corner of 9 mile + 110th Ave

Street Address & City of Well Location: _____

Locate with "X" in Section Below



2 FORMATION DESCRIPTION

FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Sand</u>	<u>6'</u>	<u>6'</u>
<u>Clay</u>	<u>40'</u>	<u>46'</u>
<u>Gravel</u>	<u>20'</u>	<u>66'</u>
<u>Gravel with waterlain</u>	<u>9'</u>	<u>75'</u>

3 OWNER OF WELL Ed Stipek
Address: 19244 Cheta
Harford Woods, MI 48125

Address Same As Well Location? Yes No

4 WELL DEPTH (completed) 75 ft. Date of Completion: 6-15-87

5 Cable tool Rotary Driven Dug
 Hollow rod Auger Jetted

6 USE: Domestic Type I Public Type III Public
 Irrigation Type IIa Public Heat pump
 Test Well Type IIb Public

7 CASING Diameter: Steel Threaded Height: Above/Below Surface 4 ft.
 Plastic Welded Surface 4 ft.
Weight 370 lbs./ft.
in. to _____ ft. depth
in. to _____ ft. depth
Grouted Drill Hole Diameter: _____ in. to _____ ft. depth
Drive Shoe Yes No

8 SCREEN Not installed
Type 46 S-5 Diameter 1 1/4"
Slot/Gauze 1/16" Length 45"
Set between _____ ft. and _____ ft.
FITTINGS: K-Packer Lead Packer Bremer-Check
 Blank above screen _____ ft. Other _____

9 STATIC WATER LEVEL 20 ft. below land surface Flow

10 PUMPING LEVEL below land surface
20 ft. after 1 hrs. pumping at 10 G.P.M.
_____ ft. after _____ hrs. pumping at _____ G.P.M.

11 WELL HEAD COMPLETION: Pitless adapter 12" above grade
 Basement offset Approved pit

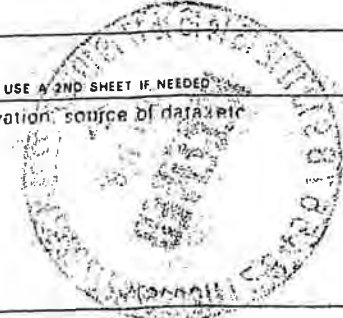
12 WELL GROUTED? No Yes From _____ to _____ ft.
 Neat cement Benjonite Other _____
No. of bags of cement _____ Additives _____

13 Nearest source of possible contamination
Type Septic Distance 2 ft. Direction 90
Well disinfected upon completion? Yes No

14 PUMP Not Installed Pump Installation Only
Manufacturer's name F.W.
Model number 2705 HP 1/2 Volts _____
Length of Drop Pipe 40 ft. capacity 8-10 G.P.M.
TYPE: Submersible Jet
PRESSURE TANK
Manufacturer's name Green Acre
Model number _____ Capacity 42 Gallons

15 Remarks, elevation, source of data, etc

16 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.
Wardson Well Drilling - 093
REGISTERED BUSINESS NAME _____ REGISTRATION NO. 67180820001
Address: _____
Signed: Wardson Well Drilling Date 6-15-87
AUTHORIZED REPRESENTATIVE



(Rev. 10-80)

24 = 1548