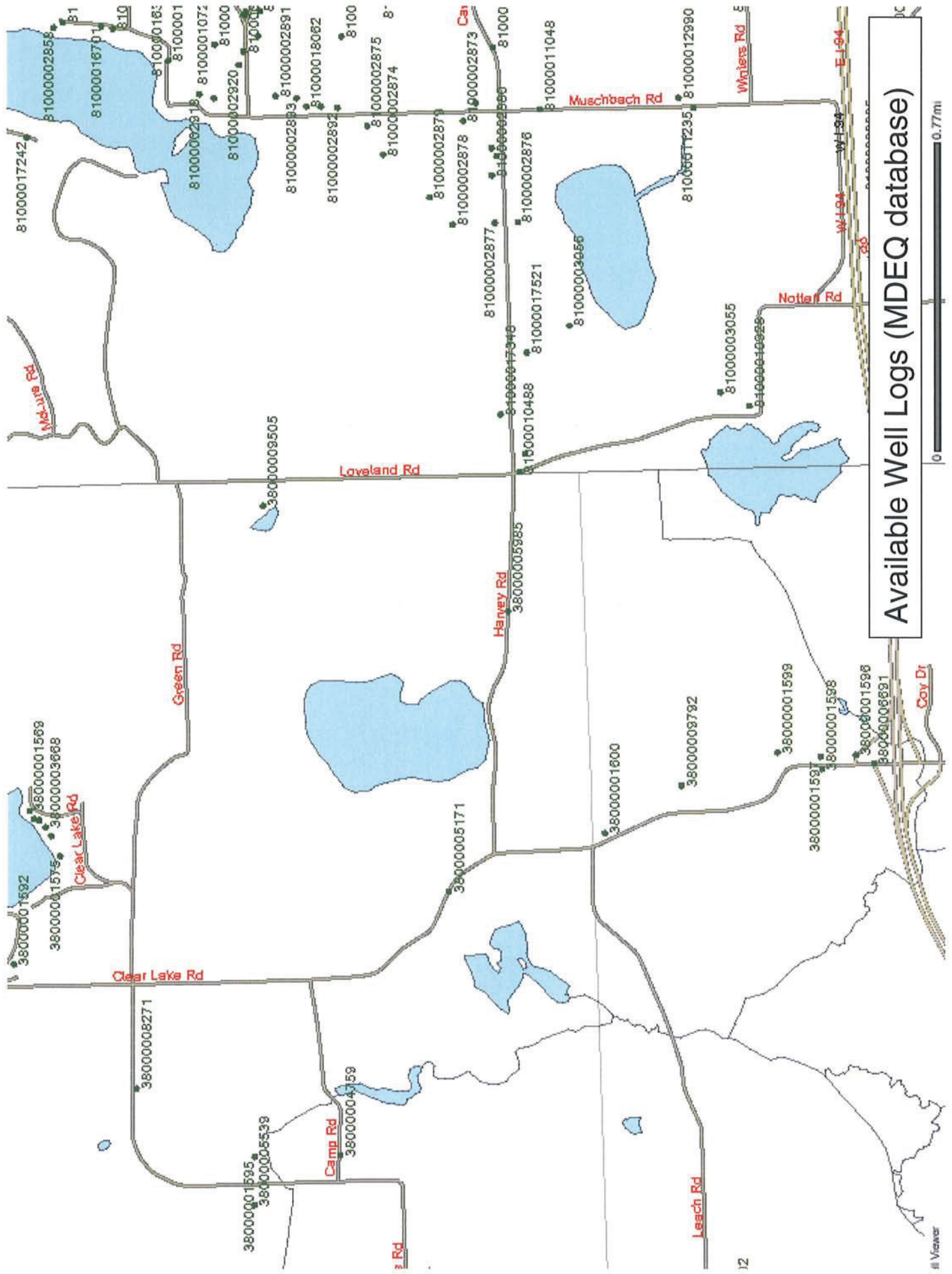


Appendix 2



Available Well Logs (MDEQ database)



WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

Well ID: 81000017521

Task No:	Permit No: 06 00243	County: Washtenaw	Township: Sylvan
<h1 style="margin: 0;">Well ID: 81000017521</h1>	Fraction: U¼ U¼ U¼	Section: 7	Town/Range: 02S 03E
	WSSN:		
	Source ID/Well No:		
Distance and Direction from Road Intersection:			
Well Owner: Sandy & Randy Seitz			
Well Address: 15311 CAVANAUGH LAKE CHELSEA MI		Owner Address: 15311 CAVANAUGH LAKE RD GRASS LAKE MI 49240	

Drilling Method: Rotary	Pump Installed: Yes
Well Depth: 82.00 ft.	Pump Installation only: No
Well Use: Household	HP: 1.00
Well Type: New	Pump Type: Submersible
Date Completed: 9/25/2006	Pump Capacity: 20.00 GPM
Casing Type: PVC plastic	Id of Well:
Casing Joint: Unknown	
Diameter: 5.00 in. to 64.00 ft. depth	
Bore Diameter 1: 9.00 in. to 82.00 ft. depth	
Bore Diameter 2:	
Bore Diameter 3:	
Height: 3.00 ft. above grade	
Casing Fitting: None	
Static Water Level: 37.00 ft. Below Grade(Not Flowing)	
Yield Test Method: Air	
Measurement Taken During Pump Test: 82.00 ft. after 2.00 hrs. pumping at 30.00 GPM	
Abandoned Well Plugged: No	
Reason for not plugging Well:	
Abandoned well ID:	
Screen Installed: Yes	
Well Intake:	
Filter Packed: Yes	
Screen Diameter: 5.00 in.	Length: 10.00 ft.
Screen Material Type: PVC -slotted	
Slot: 12.00 in. Set Between 64.00 ft. and 74.00 ft.	
Blank:	
Fittings:	
Unknown	
Well Grouted: Yes	Grouting Method: Unknown
No. of Bags: 6	Additives: None
Grouting Materials: Bentonite slurry	From 0.00 ft. to 64.00 ft.
Well Head Completion:	Pitless adapter
Nearest source of possible contamination:	
Type	Distance Direction
Septic tank	150.00 ft. Northeast
Drilling Machine Operator Name: KURT WING	
Employment: Employee	
Well Pump Installer Name: DAN ROWE	
General Remarks: 800# SAND PACK	
OTHER REMARKS	

Formation Description	Thickness	Depth to Bottom
Yellow Sand	28.00	28.00
Sand Fine	19.00	47.00
Sand Medium	28.00	75.00
Clay Sandy	7.00	82.00

Geology Remarks:

Contractor Type: Water well drilling contractor
Registration Number: 2014
Business Name: CRIBLEY DRLG CO
Business Address:

WATER WELL CONTRACTOR'S CERTIFICATION:
 This well was drilled under my supervision and this report is true to the best of my knowledge and belief.

Signature of Registered Contractor **Date**

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

12/7/2006 09:35



WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

Well ID: 81000010928

Tax No:	Permit No: 01 05 665	County: Washtenaw	Township: Sylvan
<h1 style="margin: 0;">Well ID: 81000010928</h1>	Fraction: SW¼ SE¼ NW¼	Section: 18	Town/Range: 02S 03E
	WSSN:		
	Source ID/Well No:		
Distance and Direction from Road Intersection:			
Well Owner: Tim Kelley			
Well Address: 3699 Notten Grass Lake MI 49240		Owner Address: 3699 Notten Grass Lake MI 49240	
Elevation:			
Latitude: 42.30146017			
Longitude: -84.12829721			

Drilling Method: Rotary	Pump Installed: Yes	Pump Installation only: No
Well Depth: 128.00 ft.	Well Use: Household	HP: Unknown
Well Type: Replacement	Date Completed: 12/18/2001	Pump Type: Unknown
Casing Type: PVC plastic	Manufacturer: Red Jacket	Pump Capacity:
Casing Joint: Unknown	Model Number:	Id of Well:
Diameter: 5.00 in. to 104.00 ft. depth	Length of Drop Pipe:	
	Diameter of Drop Pipe:	
	Draw Down Seal Used: No	
Bore Diameter 1: 9.00 in. to 104.00 ft. depth	Pressure Tank Installed: Yes	
Bore Diameter 2:	Pressure Tank Type: Unknown	
Bore Diameter 3:	Manufacturer: Amtrol	
Height: 2.00 ft. above grade	Model Number: WX203	Tank Capacity: 10.8 Gallons
Casing Fitting: None	Pressure Relief Valve Installed: No	
Static Water Level: 20.00 ft. Below Grade(Not Flowing)	Formation Description	
Yield Test Method: Air	Thickness	Depth to Bottom
Measurement Taken During Pump Test:	Sand	42.00 42.00
29.00 ft. after 2.00 hrs. pumping at 12.00 GPM	Clay Sandy	14.00 56.00
128.00 ft. after 2.00 hrs. pumping at 25.00 GPM	Gray Clay	18.00 74.00
	Shale	9.00 83.00
Abandoned Well Plugged: Yes	Sandstone W/Gravel	7.00 90.00
Reason for not plugging Well:	Sandstone Soft	7.00 97.00
Abandoned well ID:	Sandstone	31.00 128.00
Screen Installed: No	Geology Remarks:	
Well Intake: Bedrock Well		
Filter Packed:		
Screen Diameter:		
Screen Material Type:		
Slot:		
Blank:		
Fittings:		
Well Grouted: Yes	Grouting Method: Unknown	
No. of Bags: 9	Additives: None	
Grouting Materials:		
Bentonite slurry	From 0.00 ft. to 104.00 ft.	
Well Head Completion:		
Pitless adapter		
Nearest source of possible contamination:	Contractor Type: Water well drilling contractor	
Type	Registration Number: 2014	
Distance Direction	Business Name: Cribley Drilling Co.	
Septic tank	100.00 ft. West	
	Business Address:	
Drilling Machine Operator Name: Kurt Wing	WATER WELL CONTRACTOR'S CERTIFICATION:	
Employment: Unknown	This well was drilled under my supervision and this report is true to the best of my knowledge and belief.	
General Remarks: abandoned old well 5	Signature of Registered Contractor	Date
OTHER REMARKS		

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

5/2/2002 13:00



WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

Well ID: 81000010928

Tax No:	Permit No: 01 05 665	County: Washtenaw	Township: Sylvan
<h1 style="margin: 0;">Well ID: 81000010928</h1>	Fraction: SW¼ SE¼ NW¼	Section: 18	Town/Range: 02S 03E
	WSSN:		
	Source ID/Well No:		
Distance and Direction from Road Intersection:			
Well Owner: Tim Kelley			
Well Address: 3699 Notten Grass Lake MI 49240		Owner Address: 3699 Notten Grass Lake MI 49240	

Drilling Method: Rotary	Pump Installed: Yes	Pump Installation only: No
Well Depth: 128.00 ft.	Well Use: Household	HP: Unknown
Well Type: Replacement	Date Completed: 12/18/2001	Pump Type: Unknown
Casing Type: PVC plastic	Manufacturer: Red Jacket	Pump Capacity:
Casing Joint: Unknown	Model Number:	Id of Well:
Diameter: 5.00 in. to 104.00 ft. depth	Length of Drop Pipe:	
	Diameter of Drop Pipe:	
	Draw Down Seal Used: No	
Bore Diameter 1: 9.00 in. to 104.00 ft. depth	Pressure Tank Installed: Yes	
Bore Diameter 2:	Pressure Tank Type: Unknown	
Bore Diameter 3:	Manufacturer: Amtrol	
Height: 2.00 ft. above grade	Model Number: WX203	Tank Capacity: 10.8 Gallons
Casing Fitting: None	Pressure Relief Valve Installed: No	
Static Water Level: 20.00 ft. Below Grade(Not Flowing)	Formation Description	
Yield Test Method: Air	Thickness	Depth to Bottom
Measurement Taken During Pump Test:	Sand	42.00 42.00
29.00 ft. after 2.00 hrs. pumping at 12.00 GPM	Clay Sandy	14.00 56.00
128.00 ft. after 2.00 hrs. pumping at 25.00 GPM	Gray Clay	18.00 74.00
	Shale	9.00 83.00
Abandoned Well Plugged: Yes	Sandstone W/Gravel	7.00 90.00
Reason for not plugging Well:	Sandstone Soft	7.00 97.00
Abandoned well ID:	Sandstone	31.00 128.00
Screen Installed: No	Well Intake: Bedrock Well	
Filter Packed:	Length:	
Screen Diameter:		
Screen Material Type:		
Slot:		
Blank:		
Fittings:		
Well Grouted: Yes	Grouting Method: Unknown	
No. of Bags: 9	Additives: None	
Grouting Materials:		
Bentonite slurry	From 0.00 ft. to 104.00 ft.	
Well Head Completion:	Pitless adapter	
Nearest source of possible contamination:	Contractor Type: Water well drilling contractor	
Type	Registration Number: 2014	
Septic tank	Business Name: Cribley Drilling Co.	
Distance	Business Address:	
100.00 ft. West		
Direction	WATER WELL CONTRACTOR'S CERTIFICATION:	
	This well was drilled under my supervision and this report is true to the best of my knowledge and belief.	
Drilling Machine Operator Name: Kurt Wing	Signature of Registered Contractor	Date
Employment: Unknown		
General Remarks: abandoned old well 5		
OTHER REMARKS		

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

5/2/2002 13:00



WATER WELL AND PUMP RECORD

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

Well ID: 8100002882

Failure to comply is a misdemeanor.

Import ID: 81727307010

Tax No: 810607300003		Permit No:		County: Washtenaw		Township: Sylvan	
Well ID: 8100002882 Elevation: 989 ft Latitude: 42.3096373249 Longitude: -84.1303828286				Fraction: SW¼ SW¼ SW¼	Section: 7	Town/Range: 02S 03E	WSSN:
				Source ID/Well No:			
				Distance and Direction from Road Intersection: 300' E OF LOVELAND RD, 125' S OF CAVANAUGH LK RD.			
				Well Owner: Young, Charles			
Well Address: 4115 LOVELAND RD CHELSEA MI 48118				Owner Address: 4115 LOVELAND RD CHELSEA MI 48118			

Drilling Method: Cable Tool		Pump Installed: No		Pump Installation only: No	
Well Depth: 67.00 ft.		Well Use: Household		HP:	
Well Type: New		Date Completed:		Pump Type:	
Casing Type: Unknown		Manufacturer:		Pump Capacity:	
Casing Joint: Threaded & coupled		Model Number:		Id of Well:	
Diameter: 4.00 in. to 63.00 ft. depth		Length of Drop Pipe:			
Bore Diameter 1:		Diameter of Drop Pipe:			
Bore Diameter 2:		Draw Down Seal Used: No			
Bore Diameter 3:		Pressure Tank Installed: No			
Height: 1.00 ft. above grade		Pressure Tank Type:			
Casing Fitting: Drive shoe		Manufacturer:		Tank Capacity : Gallons	
Static Water Level: 24.00 ft. Below Grade(Not Flowing)		Model Number :			
Yield Test Method: Unknown		Pressure Relief Valve Installed : No			
Measurement Taken During Pump Test:					
24.00 ft. after 2.00 hrs. pumping at 20.00 GPM					
Abandoned Well Plugged: No					
Reason for not plugging Well:					
Abandoned well ID:					
Screen Installed: Yes		Well Intake:			
Filter Packed: No		Length: 4.00 ft.			
Screen Diameter: 3.75 in.		Screen Material Type:			
Slot: 20.00 in. Set Between 63.00 ft. and 67.00 ft.		Blank: 0.00 ft. Above			
Fittings:					
Neoprene packer					
Well Grouted: No		Grouting Method:			
No. of Bags:		Additives:			
Grouting Materials:				Geology Remarks: 1. [SAND MIXED WITH CLAY] [11] [11] 2. [FINE SAND] [60] [49] 3. [GRAVEL] [67] [7]	
Well Head Completion: Unknown					
Contractor Type: Unknown		Registration Number: 524			
Nearest source of possible contamination:		Business Name:			
Type		Business Address:			
Septic tank		Distance Direction		WATER WELL CONTRACTOR'S CERTIFICATION:	
100.00 ft. South				This well was drilled under my supervision and this report is true to the best of my knowledge and belief.	
Drilling Machine Operator Name:					
Employment: Unknown		Signature of Registered Contractor		Date	
General Remarks: HILLTOP PLUMBING CHELSEA INSTALLING PUMP					
OTHER REMARKS					

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

2/18/2000 21:05



WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

Well ID: 38000009792

Tax No:	Permit No: 14789	County: Jackson	Township: Grass Lake
Well ID: 38000009792 Elevation: 1041 ft Latitude: 42.30422 Longitude: -84.14669	Fraction: ¼ ¼ ¼	Section: 13	Town/Range: 02S 02E
	WSSN:		
	Source ID/Well No:		
	Distance and Direction from Road Intersection: 1/8 mile south of Leach Rd on the east side of Clear Lake Rd.		
Well Owner: David And Tammy Wahl			
Well Address: 4797 Clear Lake Rd Grass Lake MI 49240		Owner Address: 4797 Clear Lake Rd Grass Lake MI 49240	

Drilling Method: Rotary	Pump installed: Yes	Pump Installation only: No																																																
Well Depth: 180.00 ft. Well Use: Household	Pump installation date: 10/16/2006	HP: 0.50																																																
Well Type: New Date Completed: 10/9/2006	Manufacturer: A.Y. McDonald	Pump Type: Submersible																																																
Casing Type: PVC plastic	Model Number: 23050K2	Pump Capacity: 10.00 GPM																																																
Casing Joint: Solvent welded/glued	Length of Drop Pipe: 65.00 ft.	Id of Well:																																																
Diameter: 5.00 in. to 154.00 ft. depth	Diameter of Drop Pipe: 1.00 in.																																																	
	Draw Down Seal Used: No																																																	
Bore Diameter 1: 7.88 in. to 154.00 ft. depth	Pressure Tank Installed: Yes																																																	
Bore Diameter 2: 4.50 in. to 180.00 ft. depth	Pressure Tank Type: Diaphragm/bladder																																																	
Bore Diameter 3:	Manufacturer: Well-Rite-Flexcon																																																	
Height: 1.00 ft. above grade	Model Number: WR100																																																	
Casing Fitting: Shale packer/trap	Pressure Relief Valve Installed: Yes																																																	
Static Water Level: 40.00 ft. Below Grade(Not Flowing)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Formation Description</th> <th style="width: 15%;">Thickness</th> <th style="width: 15%;">Depth to Bottom</th> </tr> </thead> <tbody> <tr><td>Brown Sand W/Clay</td><td>13.00</td><td>13.00</td></tr> <tr><td>Brown Sand & Gravel</td><td>40.00</td><td>53.00</td></tr> <tr><td>Gray Sand & Gravel</td><td>21.00</td><td>74.00</td></tr> <tr><td>Gray Sandstone W/Shale</td><td>2.00</td><td>76.00</td></tr> <tr><td>Gray Clay</td><td>14.00</td><td>90.00</td></tr> <tr><td>Gray Clay Sandy</td><td>61.00</td><td>151.00</td></tr> <tr><td>Gray Sandstone</td><td>8.00</td><td>159.00</td></tr> <tr><td>Green Shale W/Sandstone</td><td>8.00</td><td>167.00</td></tr> <tr><td>Brown Limestone</td><td>10.00</td><td>177.00</td></tr> <tr><td>Gray Sandstone</td><td>3.00</td><td>180.00</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>		Formation Description	Thickness	Depth to Bottom	Brown Sand W/Clay	13.00	13.00	Brown Sand & Gravel	40.00	53.00	Gray Sand & Gravel	21.00	74.00	Gray Sandstone W/Shale	2.00	76.00	Gray Clay	14.00	90.00	Gray Clay Sandy	61.00	151.00	Gray Sandstone	8.00	159.00	Green Shale W/Sandstone	8.00	167.00	Brown Limestone	10.00	177.00	Gray Sandstone	3.00	180.00															
Formation Description			Thickness	Depth to Bottom																																														
Brown Sand W/Clay	13.00	13.00																																																
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Brown Limestone	10.00	177.00																																																
Gray Sandstone	3.00	180.00																																																
Yield Test Method: Air																																																		
Measurement Taken During Pump Test: 70.00 ft. after 3.00 hrs. pumping at 50.00 GPM																																																		
Abandoned Well Plugged: No	Geology Remarks:																																																	
Reason for not plugging Well:																																																		
Abandoned well ID:																																																		
Screen installed: No Well Intake: Bedrock Well	Contractor Type: Water well drilling contractor																																																	
Filter Packed:	Registration Number: 2033																																																	
Screen Diameter:	Business Name: Terry's Well Service																																																	
Screen Material Type:	Business Address: 2120 Bellevue Hwy. Olivet MI 49076																																																	
Slot:	WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my supervision and this report is true to the best of my knowledge and belief.																																																	
Blank:																																																		
Fittings:	Signature of Registered Contractor Date																																																	
Well Grouted: Yes Grouting Method: Grout pipe inside casing																																																		
No. of Bags: 18 Additives: None																																																		
Grouting Materials: Bentonite slurry From 0.00 ft. to 154.00 ft.																																																		
Well Head Completion: 12 inches above grade, Pitless adapter																																																		
Nearest source of possible contamination:																																																		
Type: Septic tank Distance Direction: 80.00 ft. East																																																		
Drilling Machine Operator Name: Bill Rabideau																																																		
Employment: Employee																																																		
Well Pump Installer Name: B.Rabideau,C.Bramer,S.Cords																																																		
General Remarks:																																																		
OTHER REMARKS																																																		

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

10/17/2006 07:26



WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

Well ID: 38000009505

Tax No:		Permit No: 14411		County: Jackson		Township: Waterloo	
Well ID: 38000009505 Elevation: Latitude: 42.31911 Longitude: -84.13264		Fraction: SE¼ SE¼ SE¼	Section: 12	Town/Range: 01S 02E	WSSN:	Source ID/Well No:	
		Distance and Direction from Road Intersection:					
		Well Owner: Aggregate Industries, Randy					
Well Address: 4950 LIVELAND ROAD GRASS LAKE MI				Owner Address: 8075 CREEKSIDE DRIVE #200 KALAMAZOO MI 49024			

Drilling Method: Rotary		Pump Installed: Yes		Pump Installation only: No	
Well Depth: 146.00 ft.	Well Use: Irrigation		Pump Installation date:		HP: 1.00
Well Type: New	Date Completed: 3/20/2006		Manufacturer: Unknown		Pump Type: Submersible
Casing Type: PVC plastic			Model Number: 1HPUSP102-		Pump Capacity: 20.00 GPM
Casing Joint: Threaded & coupled			Length of Drop Pipe: 60.00 ft.		Id of Well:
Diameter: 5.00 in. to 136.00 ft. depth			Diameter of Drop Pipe:		
Bore Diameter 1: 8.50 in. to 136.00 ft. depth			Draw Down Seal Used: No		
Bore Diameter 2: 4.50 in. to 146.00 ft. depth			Pressure Tank Installed: Yes		
Bore Diameter 3:			Pressure Tank Type: Diaphragm/bladder		
Height: 1.00 ft. above grade			Manufacturer: Well-Mate		
Casing Fitting: Drive shoe			Model Number : WM6		Tank Capacity : 20 Gallons
Static Water Level: 28.00 ft. Below Grade(Not Flowing)			Pressure Relief Valve Installed : Yes		
Yield Test Method: Test pump					
Measurement Taken During Pump Test:					
100.00 ft. after 1.00 hrs. pumping at 40.00 GPM					
Abandoned Well Plugged: No					
Reason for not plugging Well:					
Abandoned well ID:					
Screen Installed: No		Well Intake: Unknown			
Filter Packed:					
Screen Diameter:		Length:			
Screen Material Type:					
Slot:					
Blank:					
Fittings:					
Well Grouted: Yes			Grouting Method: Unknown		
No. of Bags: 7			Additives: Unknown		
Grouting Materials:					
Neat cement			From 0.00 ft. to 136.00 ft.		
Well Head Completion:					
Pitless adapter					
Nearest source of possible contamination:			Geology Remarks:		
Type		Distance Direction			
Septic tank		160.00 ft. East			
Drilling Machine Operator Name: DENNIS CRUM			Contractor Type: Water well drilling contractor		
Employment: Employee			Registration Number: 2272		
Well Pump Installer Name: JAMES BOISE			Business Name: J&M WELL DRLG.		
			Business Address:		
WATER WELL CONTRACTOR'S CERTIFICATION:					
This well was drilled under my supervision and this report is true to the best of my knowledge and belief.					
Signature of Registered Contractor				Date	
General Remarks:					
OTHER REMARKS					

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

6/2/2006 16:09



WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

Well ID: 38000005985

Tax No:	Permit No: W11070	County: Jackson	Township: Waterloo
<h1>Well ID: 38000005985</h1>	Fraction: SE¼ NE¼ SW¼	Section: 12	Town/Range: 02S 02E
	WSSN: Source ID/Well No:		
	Distance and Direction from Road Intersection:		
Elevation:	Well Owner: Richar & G. Kern Westcott		
Latitude: 42.3103821	Well Address: HARVEY ROAD MI		Owner Address: CHELSEA MI 48118
Longitude: -84.13804217			

Drilling Method: Rotary Well Depth: 61.00 ft. Well Use: Household Well Type: New Date Completed: 12/10/2002 Casing Type: PVC plastic Casing Joint: Unknown Diameter: 5.00 in. to 56.00 ft. depth Bore Diameter 1: 8.50 in. to 66.00 ft. depth Bore Diameter 2: Bore Diameter 3: Height: 1.00 ft. above grade Casing Fitting: None	Pump Installed: Yes Pump Installation only: No Pump Installation date: HP: 0.50 Manufacturer: F.E. Myers Pump Type: Submersible Model Number: 2NFL52-12 Pump Capacity: 12.00 GPM Length of Drop Pipe: 50.00 ft. Id of Well: Diameter of Drop Pipe: Draw Down Seal Used: No Pressure Tank Installed: Yes Pressure Tank Type: Unknown Manufacturer: Sta-Rite Signature Model Number: SR35 Tank Capacity: 35 Gallons Pressure Relief Valve Installed: No																																																
Static Water Level: 35.00 ft. Below Grade(Not Flowing) Yield Test Method: Air Measurement Taken During Pump Test: 61.00 ft. after 4.00 hrs. pumping at 25.00 GPM Abandoned Well Plugged: No Reason for not plugging Well: Abandoned well ID:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Formation Description</th> <th style="width: 10%;">Thickness</th> <th style="width: 20%;">Depth to Bottom</th> </tr> </thead> <tbody> <tr><td>Clay Sandy</td><td>5.00</td><td>5.00</td></tr> <tr><td>Sand & Gravel</td><td>26.00</td><td>31.00</td></tr> <tr><td>Brown Clay</td><td>4.00</td><td>35.00</td></tr> <tr><td>Gray Clay</td><td>15.00</td><td>50.00</td></tr> <tr><td>Sand Wet/Moist</td><td>2.00</td><td>52.00</td></tr> <tr><td>Sand Water Bearing</td><td>9.00</td><td>61.00</td></tr> <tr><td>Gray Clay</td><td>5.00</td><td>66.00</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Formation Description	Thickness	Depth to Bottom	Clay Sandy	5.00	5.00	Sand & Gravel	26.00	31.00	Brown Clay	4.00	35.00	Gray Clay	15.00	50.00	Sand Wet/Moist	2.00	52.00	Sand Water Bearing	9.00	61.00	Gray Clay	5.00	66.00																								
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Clay Sandy	5.00	5.00																																															
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Sand Wet/Moist	2.00	52.00																																															
Sand Water Bearing	9.00	61.00																																															
Gray Clay	5.00	66.00																																															
Screen Installed: Yes Well Intake: Filter Packed: Yes Screen Diameter: 5.00 in. Length: 6.00 ft. Screen Material Type: PVC -slotted Slot: 15.00 in. Set Between 55.00 ft. and 61.00 ft. Blank: Fittings: None	Geology Remarks: Contractor Type: Water well drilling contractor Registration Number: 2215 Business Name: ANN ARBOR WELL DRLG Business Address:																																																
Well Grouted: Yes Grouting Method: Unknown No. of Bags: 6 Additives: None Grouting Materials: Bentonite slurry From 0.00 ft. to 53.00 ft. Well Head Completion: Pitless adapter	WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my supervision and this report is true to the best of my knowledge and belief. Signature of Registered Contractor Date																																																
Nearest source of possible contamination: Type Distance Direction Drainfield/Dry well 100.00 ft. North																																																	
Drilling Machine Operator Name: STEVE WHEELER Employment: Employee																																																	
General Remarks: OTHER REMARKS																																																	

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

1/8/2003 09:11



WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

Well ID: 38000005171

Tax No:	Permit No: 10241	County: Jackson	Township: Waterloo
Well ID: 38000005171	Fraction: NW¼ NE¼ NE¼	Section: 11	Town/Range: 01S 02E
	Distance and Direction from Road Intersection: 500FT N OF CLEAR LK RD AND CAMP RD		
	Well Owner: Edward And Maltie Risner		
Elevation:	Well Address: 5993 CLEAR LAKE RD GRASS LAKE MI 49240	Owner Address: 5993 CLEAR LAKE RD GRASS LAKE MI 49240	
Latitude: 42.31272238			
Longitude: -84.15159159			

Drilling Method: Rotary Well Depth: 60.00 ft. Well Use: Household Well Type: Replacement Date Completed: 10/26/2001 Casing Type: PVC plastic Casing Joint: Unknown Diameter: 5.00 in. to 56.00 ft. depth Bore Diameter 1: 8.00 in. to 60.00 ft. depth Bore Diameter 2: Bore Diameter 3: Height: 1.00 ft. above grade Casing Fitting: Drive shoe	Pump Installed: Yes Pump Installation only: No Pump Installation date: Manufacturer: Goulds HP: 0.50 Model Number: A1250 Pump Type: Submersible Length of Drop Pipe: 49.00 ft. Pump Capacity: Diameter of Drop Pipe: Id of Well: Draw Down Seal Used: No Pressure Tank Installed: Yes Pressure Tank Type: Unknown Manufacturer: Well-Mate Tank Capacity: 5 Gallons Model Number: WM6 Pressure Relief Valve Installed: No																																																
Static Water Level: 27.00 ft. Below Grade(Not Flowing) Yield Test Method: Air Measurement Taken During Pump Test: 54.00 ft. after 1.00 hrs. pumping at 10.00 GPM Abandoned Well Plugged: Yes Reason for not plugging Well: Abandoned well ID:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Formation Description</th> <th style="width: 10%;">Thickness</th> <th style="width: 20%;">Depth to Bottom</th> </tr> </thead> <tbody> <tr><td>Sand Gravel Clay</td><td style="text-align: center;">6.00</td><td style="text-align: center;">6.00</td></tr> <tr><td>Clay Sand Gravel</td><td style="text-align: center;">26.00</td><td style="text-align: center;">32.00</td></tr> <tr><td>Sand Gravel Clay</td><td style="text-align: center;">10.00</td><td style="text-align: center;">42.00</td></tr> <tr><td>Sand</td><td style="text-align: center;">19.00</td><td style="text-align: center;">61.00</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Formation Description	Thickness	Depth to Bottom	Sand Gravel Clay	6.00	6.00	Clay Sand Gravel	26.00	32.00	Sand Gravel Clay	10.00	42.00	Sand	19.00	61.00																																	
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Sand Gravel Clay	10.00	42.00																																															
Sand	19.00	61.00																																															
Screen Installed: Yes Well Intake: Filter Packed: No Screen Diameter: 4.00 in. Length: 4.00 ft. Screen Material Type: Stainless steel-wire wrapped Slot: 0.01 in. Set Between 56.00 ft. and 60.00 ft. Blank: 1.50 ft. Above Fittings: Neoprene packer	Geology Remarks:																																																
Well Grouted: Yes Grouting Method: Unknown No. of Bags: 4 Additives: None Grouting Materials: Bentonite slurry From 0.00 ft. to 47.00 ft.	Contractor Type: Water well drilling contractor Registration Number: 167 Business Name: FOX AND BOLEY WELL DRILLING Business Address:																																																
Well Head Completion: Pitless adapter	WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my supervision and this report is true to the best of my knowledge and belief.																																																
Nearest source of possible contamination: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Septic tank</td> <td>50.00 ft.</td> <td>North</td> </tr> </tbody> </table>	Type	Distance	Direction	Septic tank	50.00 ft.	North	Signature of Registered Contractor Date																																										
Type	Distance	Direction																																															
Septic tank	50.00 ft.	North																																															
Drilling Machine Operator Name: T BURKHOLDER H HARRIS Employment: Employee																																																	
General Remarks: OTHER REMARKS																																																	

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

8/9/2002 08:41



WATER WELL AND PUMP RECORD

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

Well ID: 38000001600

Failure to comply is a misdemeanor.

Import ID: 38727213005

Tax No:	Permit No:	County: Jackson	Township: Grass Lake			
<h1 style="margin: 0;">Well ID: 38000001600</h1> <p>Elevation: 1040 ft</p> <p>Latitude: 42.3070327245</p> <p>Longitude: -84.1489244853</p>		Fraction: U¼ U¼ SE¼	Section: 13	Town/Range: 02S 02E	WSSN:	Source ID/Well No:
		Distance and Direction from Road Intersection:				
		Well Owner: Baldwin, Russell				
		Well Address: 4991 CLEAR LAKE RD GRASS LAKE MI 49240		Owner Address: 4991 CLEAR LAKE RD GRASS LAKE MI 49240		

Drilling Method: Cable Tool Well Depth: 195.00 ft. Well Use: Household Well Type: New Date Completed: 3/28/1967 Casing Type: Unknown Casing Joint: Threaded & coupled Diameter: 4.00 in. to 182.50 ft. depth Bore Diameter 1: Bore Diameter 2: Bore Diameter 3: Height: 1.00 ft. above grade Casing Fitting: Drive shoe	Pump Installed: Yes Pump Installation only: No Pump Installation date: HP: Manufacturer: Other Pump Type: Submersible Model Number: Pump Capacity: 0.00 GPM Length of Drop Pipe: 84.00 ft. Id of Well: Diameter of Drop Pipe: Draw Down Seal Used: No Pressure Tank Installed: No Pressure Tank Type: Manufacturer: Tank Capacity : Gallons Model Number : Pressure Relief Valve Installed : No																																										
Static Water Level: 70.00 ft. Below Grade(Not Flowing) Yield Test Method: Unknown Measurement Taken During Pump Test: 73.00 ft. after 2.00 hrs. pumping at 15.00 GPM Abandoned Well Plugged: No Reason for not plugging Well: Abandoned well ID:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Formation Description</th> <th style="width: 15%;">Thickness</th> <th style="width: 15%;">Depth to Bottom</th> </tr> </thead> <tbody> <tr><td>Gravel Fine To Medium</td><td style="text-align: center;">150.00</td><td style="text-align: center;">150.00</td></tr> <tr><td>Lithology Unknown</td><td style="text-align: center;">28.00</td><td style="text-align: center;">178.00</td></tr> <tr><td>Gravel Fine</td><td style="text-align: center;">2.00</td><td style="text-align: center;">180.00</td></tr> <tr><td>Limestone</td><td style="text-align: center;">13.00</td><td style="text-align: center;">193.00</td></tr> <tr><td>Lithology Unknown</td><td style="text-align: center;">2.00</td><td style="text-align: center;">195.00</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	Formation Description	Thickness	Depth to Bottom	Gravel Fine To Medium	150.00	150.00	Lithology Unknown	28.00	178.00	Gravel Fine	2.00	180.00	Limestone	13.00	193.00	Lithology Unknown	2.00	195.00																								
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Lithology Unknown	2.00	195.00																																									
Screen Installed: No Well Intake: Unknown Filter Packed: Screen Diameter: Length: Screen Material Type: Slot: Blank: Fittings:	Geology Remarks: 1. [GRAVEL-MED-FINE] [150] [150] 2. [GRAVEL-FINE MIXED W/ SAND] [178] [28] 3. [GRAVEL-FINE] [180] [2] 4. [LIMEROCK] [193] [13] 5. [SANDROCK-WATER BEARING] [195] [2]																																										
Well Grouted: No Grouting Method: No. of Bags: Additives: Grouting Materials: Well Head Completion: Pitless adapter	Contractor Type: Unknown Registration Number: 106 Business Name: Business Address: WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my supervision and this report is true to the best of my knowledge and belief.																																										
Nearest source of possible contamination: Type Distance Direction Septic tank 55.00 ft. East	Signature of Registered Contractor Date																																										
Drilling Machine Operator Name: Employment: Unknown																																											
General Remarks: OTHER REMARKS Pump Manufacturer: REDA																																											

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

2/17/2000 12:00



WATER WELL AND PUMP RECORD

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

Well ID: 38000001599

Failure to comply is a misdemeanor.

Import ID: 38727213004

Tax No:	Permit No:	County: Jackson	Township: Grass Lake
<h1 style="margin: 0;">Well ID: 38000001599</h1> <p>Elevation: 990 ft</p> <p>Latitude: 42.3007341261</p> <p>Longitude: -84.1451857206</p>		Fraction: U ¼ NE ¼ NW ¼	Section: 13
		Town/Range: 02S 02E	WSSN:
Distance and Direction from Road Intersection:			
Well Owner: Houle, Tami			
Well Address: 4499 CLEAR LAKE RD GRASS LAKE MI 49240		Owner Address: 4499 CLEAR LAKE RD GRASS LAKE MI 49240	

Drilling Method: Rotary	Pump Installed: Yes	Pump Installation only: No
Well Depth: 50.00 ft.	Pump Installation date:	HP:
Well Use: Household	Manufacturer: Red Jacket	Pump Type: Submersible
Well Type: New	Model Number:	Pump Capacity: 0.00 GPM
Date Completed: 10/9/1986	Length of Drop Pipe: 35.00 ft.	Id of Well:
Casing Type: PVC plastic	Diameter of Drop Pipe:	
Casing Joint: Unknown	Draw Down Seal Used: No	
Diameter: 5.00 in. to 46.00 ft. depth 4.00 in. to 50.00 ft. depth	Pressure Tank Installed: No	
Bore Diameter 1:	Pressure Tank Type:	
Bore Diameter 2:	Manufacturer:	Tank Capacity : Gallons
Bore Diameter 3:	Model Number :	
Height: 1.00 ft. above grade	Pressure Relief Valve Installed : No	
Casing Fitting: Drive shoe		
Static Water Level: 6.00 ft. Below Grade(Not Flowing)	Formation Description	
Yield Test Method: Unknown	Thickness	Depth to Bottom
Measurement Taken During Pump Test:	Clay	6.00 6.00
8.00 ft. after 2.00 hrs. pumping at 12.00 GPM	Muck	12.00 18.00
9.00 ft. after 2.00 hrs. pumping at 12.00 GPM	Clay	6.00 24.00
Abandoned Well Plugged: No	Sand Fine To Coarse	12.00 36.00
Reason for not plugging Well:	Sand Wet/Moist	14.00 50.00
Abandoned well ID:		
Screen Installed: Yes	Well Intake:	
Filter Packed: No	Length: 4.00 ft.	
Screen Diameter: 4.00 in.		
Screen Material Type:		
Slot: 0.00 in. Set Between 46.00 ft. and 50.00 ft.		
Blank: 1.00 ft. Above		
Fittings:		
Neoprene packer		
Well Grouted: Yes	Grouting Method: Unknown	
No. of Bags:	Additives: None	
Grouting Materials:	From 0.00 ft. to 50.00 ft.	
Bentonite slurry		
Well Head Completion:	Pitless adapter	
Nearest source of possible contamination:	Contractor Type: Unknown	
Type	Registration Number: 1290	
Distance	Business Name:	
Direction	Business Address:	
Unknown 0.00 ft.		
Unknown	WATER WELL CONTRACTOR'S CERTIFICATION:	
	This well was drilled under my supervision and this report is true to the best of my knowledge and belief.	
Drilling Machine Operator Name:	Signature of Registered Contractor	Date
Employment: Unknown		
General Remarks:		
OTHER REMARKS		

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

2/17/2000 12:00



WATER WELL AND PUMP RECORD

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

Well ID: 38000001598

Failure to comply is a misdemeanor.

Import ID: 38727213003

Tax No:	Permit No:	County: Jackson	Township: Grass Lake
<h1 style="margin: 0;">Well ID: 38000001598</h1> <p>Elevation: 996 ft Latitude: 42.2991271893 Longitude: -84.1460341762</p>		Fraction: U¼ U¼ NW¼	Section: 13
		Town/Range: 02S 02E	WSSN:
		Source ID/Well No:	
Distance and Direction from Road Intersection:			
Well Owner: Artz, Austin			
Well Address: 4450 CLEAR LAKE RD GRASS LAKE MI 49240		Owner Address: 4450 CLEAR LAKE RD GRASS LAKE MI 49240	

Drilling Method: Cable Tool	Pump Installed: No
Well Depth: 165.00 ft.	Pump Installation date:
Well Use: Household	Pump Installation only: No
Well Type: New	HP:
Date Completed: 1/11/1967	Pump Type:
Casing Type: Unknown	Pump Capacity:
Casing Joint: Threaded & coupled	Id of Well:
Diameter: 4.00 in. to 122.00 ft. depth	Draw Down Seal Used: No
Bore Diameter 1:	Pressure Tank Installed: No
Bore Diameter 2:	Pressure Tank Type:
Bore Diameter 3:	Manufacturer:
Height: 1.00 ft. above grade	Model Number :
Casing Fitting: Drive shoe	Pressure Relief Valve Installed : No
Static Water Level: 20.00 ft. Below Grade(Not Flowing)	
Yield Test Method: Unknown	
Measurement Taken During Pump Test:	
25.00 ft. after 2.00 hrs. pumping at 16.00 GPM	
Abandoned Well Plugged: No	
Reason for not plugging Well:	
Abandoned well ID:	
Screen Installed: No	Well Intake: Unknown
Filter Packed:	
Screen Diameter:	Length:
Screen Material Type:	
Slot:	
Blank:	
Fittings:	
Well Grouted: No	Grouting Method:
No. of Bags:	Additives:
Grouting Materials:	
Well Head Completion: Pitless adapter	
Nearest source of possible contamination:	
Type	Distance Direction
Septic tank	69.00 ft. Northwest
Drilling Machine Operator Name:	
Employment: Unknown	
General Remarks:	
OTHER REMARKS	

Formation Description	Thickness	Depth to Bottom
Clay & Sand	80.00	80.00
Sand Fine	25.00	105.00
Clay & Gravel	16.00	121.00
Limestone	14.00	135.00
Blue Shale	25.00	160.00
Sandstone Water Bearing	5.00	165.00

Geology Remarks: 1. [CLAY & SAND] [80] [80] 2. [SAND-FINE] [105] [25] 3. [CLAY & GRAVEL] [121] [16] 4. [LIMEROCK] [135] [14] 5. [SHALE-BLUE] [160] [25] 6. [SANDROCK WATER BEARING] [165] [5]

Contractor Type: Unknown
Registration Number: 106
Business Name:
Business Address:

WATER WELL CONTRACTOR'S CERTIFICATION:
 This well was drilled under my supervision and this report is true to the best of my knowledge and belief.

Signature of Registered Contractor **Date**

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

2/17/2000 12:00



WATER WELL AND PUMP RECORD

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

Well ID: 38000001597

Failure to comply is a misdemeanor.

Import ID: 38727213002

Tax No:	Permit No:	County: Jackson	Township: Grass Lake
<h1 style="margin: 0;">Well ID: 38000001597</h1> <p>Elevation: 989 ft</p> <p>Latitude: 42.2991675968</p> <p>Longitude: -84.1454295428</p>		Fraction: U¼ U¼ NE¼	Section: 13
		Town/Range: 02S 02E	WSSN:
Distance and Direction from Road Intersection:			
Well Owner: Burns, Lana			
Well Address: 4391 CLEAR LAKE RD GRASS LAKE MI 49240		Owner Address: 4391 CLEAR LAKE RD GRASS LAKE MI 49240	

Drilling Method: Rotary	Pump Installed: Yes	Pump Installation only: No
Well Depth: 55.00 ft.	Well Use: Household	Pump Installation date:
Well Type: New	Date Completed: 12/28/1984	Manufacturer: Red Jacket
Casing Type: PVC plastic	Model Number:	Pump Type: Submersible
Casing Joint: Unknown	Length of Drop Pipe: 40.00 ft.	Pump Capacity: 0.00 GPM
Diameter:	Diameter of Drop Pipe:	Id of Well:
Bore Diameter 1:	Draw Down Seal Used: No	
Bore Diameter 2:	Pressure Tank Installed: No	
Bore Diameter 3:	Pressure Tank Type:	
Height: 1.00 ft. above grade	Manufacturer:	Tank Capacity: Gallons
Casing Fitting: Drive shoe	Model Number:	
	Pressure Relief Valve Installed: No	
Static Water Level: 18.00 ft. Below Grade(Not Flowing)	Formation Description	Thickness
Yield Test Method: Unknown		Depth to Bottom
Measurement Taken During Pump Test:	Lithology Unknown	1.00
21.00 ft. after 2.00 hrs. pumping at 12.00 GPM	Sand	7.00
22.00 ft. after 2.00 hrs. pumping at 12.00 GPM	Clay	4.00
	Blue Clay	16.00
Abandoned Well Plugged: No	Sand	12.00
Reason for not plugging Well:	Sand Wet/Moist	15.00
Abandoned well ID:		
Screen Installed: Yes	Well Intake:	
Filter Packed: No		
Screen Diameter: 4.00 in.	Length: 5.00 ft.	
Screen Material Type:		
Slot: 10.00 in. Set Between 50.00 ft. and 55.00 ft.		
Blank: 1.00 ft. Above		
Fittings:		
Neoprene packer		
Well Grouted: Yes	Grouting Method: Unknown	
No. of Bags:	Additives: None	
Grouting Materials:		
Bentonite slurry	From 0.00 ft. to 55.00 ft.	
Well Head Completion:	Pitless adapter	
Nearest source of possible contamination:	Contractor Type: Unknown	
Type	Registration Number: 1290	
Distance	Business Name:	
Direction	Business Address:	
Septic tank	85.00 ft. East	
Drilling Machine Operator Name:	WATER WELL CONTRACTOR'S CERTIFICATION:	
Employment: Unknown	This well was drilled under my supervision and this report is true to the best of my knowledge and belief.	
General Remarks:	Signature of Registered Contractor	Date
OTHER REMARKS		

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

2/17/2000 12:00

15625 KILMER

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

GEOLOGICAL SURVEY NO.

95 00 546
PERMIT NUMBER

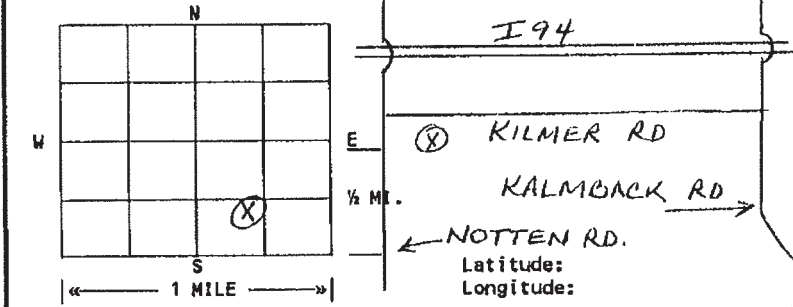
1 LOCATION OF WELL					
County WASHTENAW	Township Name SYLVAN	Fraction NE ¼ SW ¼ SE ¼	Section Number 18	Town Number 2 S	Range Number 3 E

Distance And Direction From Road Intersection
15625 KILMER
GRASS LAKE 49240

3 OWNER OF WELL
DANIEL KLUCK
Address 9944 HAZELTON
REDFORD, MI 48239

Street Address & City of Well Location

Address Same As Well Location? NO



4 WELL DEPTH: 138 FT. Date Completed 09/30/96 NEW WELL

5 DRILLING METHOD: ROTARY

6 USE: DOMESTIC

7 CASING: PLASTIC
Diameter 5" to 81 ft. depth
Diameter " to " ft. depth
Grouted Drill Hole Diameter 9" to 81 ft. depth " to " ft. depth
Height: ABOVE
Surface 3'
Weight SDR 21
Drive Shoe: NO

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
SAND	16	16
GRAY CLAY	63	79
BLACK SHALE	37	116
LIME ROCK	12	128
SAND ROCK	10	138
RECEIVED Mich. Dept. of Public Health JAN 27 1997 BUREAU OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH-SWQS <i>lb</i> <i>12-16-96</i>		
MS30796 0665341 10/10/96		
PS30796 0665341		
WELLS AWC 5 1-1/4 1-1/4" PVC		

8 SCREEN: Type NOT INSTALLED Diameter " Nominal
Length ft.
Set Between ft. and ft.
FITTINGS: Blank above screen ft.

9 STATIC WATER LEVEL 22 ft. below land surface Flow: NO

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

11 WELL HEAD COMPLETION: PITLESS ADAPTOR

12 WELL GROUTED? YES
BEN-SEAL From 0 to 81 ft.
2 bags of cement. Additives

13 Nearest source of contamination
Type SEPTIC Distance 120 ft Direction E
Well disinfected upon completion? YES
Was old well plugged?

14 PUMP:
Manufacturers name RED JACKET
Model number 75SESWI-12SBC HP 3/4 VOLTS 230V
Length of Drop Pipe 85 ft. capacity 12 G.P.M.
Type
PRESSURE TANK:
Manufacturers Name AMTROL
Model Number WX 250 Capacity 13.2 Gallons

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

17. Rig Operator's Name: KURT WING

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.

D67d 2/89 CDCW12655P16154 03/07/99

IMPORTANT: File with deed.

RECEIVED
DEC 5 - 1996
ENV. HEALTH
GEOLOGICAL SURVEY COPY

Cribley Drilling Co., Inc. 81-0524
REGISTERED BUSINESS NAME REGISTRATION NO.
Address 8300 Dexter Chelsea Rd. Dexter, MI 48130
Signed *John A. Clark* AUTHORIZED REPRESENTATIVE Date 10/16/96
Authority: Act 368 PA 1978
Completion: Required
Penalty: Conviction of a violation of any provision is a misdemeanor.

WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL									
County	Township Name	Fraction	Section Number	Town Number	Range Number				
Wash	Sylvan	1/4 1/4 1/4	18	2 N/S.	3 E/W.				
Distance And Direction from Road Intersections						3 OWNER OF WELL:			
3991 rotten rd						Dale Fisher			
Street address & City of Well Location						Address			
Chelsea						2261 W. Liberty			
Locals with "X" in section below						Ann Arbor Mich.			
Sketch Map:						4 WELL DEPTH: (completed) Date of Completion			
						65 ft. 10-1-71			
						5 <input checked="" type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>			
6 USE:						7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/>			
<input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry						Height: Above/Below Surface			
<input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial						4 in. to 61 ft. Depth Weight 4 lbs./ft.			
<input type="checkbox"/> Test Well <input type="checkbox"/>						in. to ft. Depth Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
2 FORMATION		THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	8 SCREEN:					
Sand		65	65	Type: WW Cook Dia.: 3 3/4					
				Slot/Groove 25 Length 4					
				Set between 61 ft. and 65 ft.					
				Fittings: packer & plug					
				9 STATIC WATER LEVEL					
				22 ft. below land surface					
				10 PUMPING LEVEL below land surface					
				28 ft. after 2 hrs. pumping 12 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: <input type="checkbox"/> In Approved Pit					
				<input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade					
				13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
				<input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite					
				Depth: From ft. to ft.					
				14 Nearest Source of possible contamination					
				100 feet Direction Septic Type					
				Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
				15 PUMP:					
				<input type="checkbox"/> Not installed					
				Manufacturer's Name Keda					
				Model Number 909P051 HP 1/2 Volts 220					
				Length of Drop Pipe 42 ft. capacity 62 G.P.M.					
				Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating					
				USE A 2ND SHEET IF NEEDED					
16 Remarks, elevation, source of data, etc.				17 WATER WELL CONTRACTOR'S CERTIFICATION:					
160 # test Gas line plastic well to house				This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.					
+ Whitewater 60 gal buoy tank & adaptor				Waters Drilling Co. Inc 524					
				REGISTERED BUSINESS NAME REGISTRATION NO.					
				Address: Dexter Mich.					
				Signed: J. G. Clark Date: 12-18-71					
				AUTHORIZED REPRESENTATIVE					

067d 100M (Rev. 12-68)

Wash. County Health
Permit SF 11-71

GEOLOGICAL SURVEY COPY

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

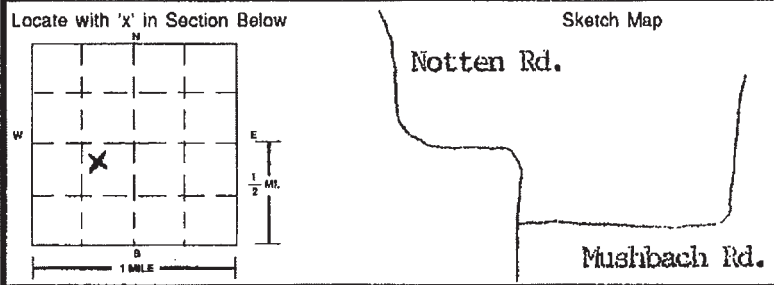
PERMIT NO:
 99-09123

TAX NO:

1. LOCATION OF WELL

County: Washtenaw Township Name: Sylvan Fraction: SW 1/4 NE 1/4 NW 1/4 Section No.: 18 Town No.: T.2.SS. Range No.: R.3 E.

Distance and Direction from Road Intersection
XX 1/10 mi. N. of Notten Rd. & Mushbach
3620 Notten Rd.
 Street Address & City of Well Location



3. OWNER OF WELL: Matthew Wentz
 Address: 3620 Notten Rd.
Grass Lk., MI 49240
 Address Same as Well Location Yes No

4. WELL DEPTH: 151 ft. Date Completed: 11/29/99
 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 Welded
 Plastic Other: Glued
 Diameter: 5 in. to 86' 6" ft. depth
8 in. to _____ ft. depth
 BORE HOLE: Diameter: 8 in. to 86' 6" ft. depth
 _____ in. to _____ ft. depth
 Drive Shoe Shale Packer

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: 28 ft. Below Land Surface Flowing

10. PUMPING LEVEL: Below Land Surface
60 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 85 ft.
 Neat Cement Bentonite Other _____
 No. of Bags 10 Additives _____

13. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
septic tank Distance 100 ft. Direction N
 Type _____ Distance _____ ft. Direction _____

14. PUMP: Not Installed Pump Installation Only
 Manufacturer's Name: Aermotor
 Model Number: A-20-100 HP 1 Volts 220
 Length of Drop Pipe: 70 ft. Capacity 20 G.P.M.
 Submersible Jet Other _____
 PRESSURE TANK:
 Manufacturer's Name: WellMate
 Model Number: WM-14WB Capacity: 14 Gallons dd

2. FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
Sand and clay	7'	7'
Sand and gravel	24'	31'
Gravel and sand	13'	44'
Gray clay	4'	48'
Sand	3'	51'
Gray clay	22'	73'
Clay and gravel	8'	81'
Gray shale	22'	103'
Clayey Sandstone	13'	116'
Hard sandstone	11'	127'
Sandstone	8'	135'
Hard sandstone	4'	139'
Hard, green sandstone	2'	141'
Green sandstone	10'	151'

RECEIVED
 NOV 13 1999
 DEIS

1-3-99

MB

15. ABANDONED WELL PLUGGED? Yes No Plugged line.
 Casing Diameter _____ in. Depth _____ ft.
 PLUGGING MATERIAL: Neat Cement Bentonite Slurry
 Cement/Bentonite Slurry Concrete Grout Bentonite Chips
 No. of Bags 1/4 Casing Removed? Yes No

16. REMARKS: (Elevation, Source of Data, etc.) Well buried in basement.

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
 Name: T. Burkholder/Harris

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.
FOX & BOLDY Well DRILLING, INC. 0167
 REGISTERED BUSINESS NAME REGISTRATION NO.
 Address: 6655 Brooklyn Rd. Jackson, MI 49201
 Signed: Charles Boldy Date: 12/10/99
 AUTHORIZED REPRESENTATIVE

MICHIGAN DEPARTMENT OF PUBLIC HEALTH
WATER WELL AND PUMP RECORD

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PERMIT NUMBER **SY-43-89**

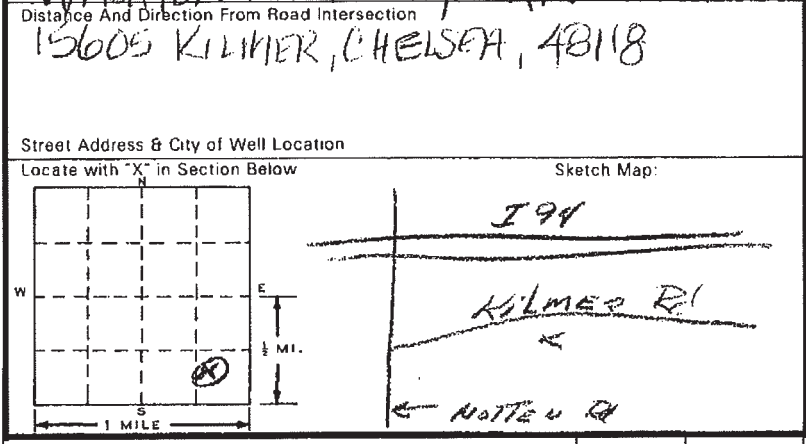
1 LOCATION OF WELL		
County WASHTENAW	Township Name SYLVAN	Fraction NE 1/4 SW 1/4 NW 1/4
		Section Number 18
		Town Number T2S N/S
		Range Number R3E E/W
Distance And Direction From Road Intersection .4 mi S Cavanaugh Lake & Notten Roads 3748 Notten Road		
Street Address & City of Well Location 3748 Notten Road		
Locate with "X" in Section Below		
Sketch Map:		
3 OWNER OF WELL: Roderick Graeff 1440 Astor Ann Arbor, MI 48104		
Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
4 WELL DEPTH: 61 FT. Date Completed 10/16/89 <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Replacement Well		
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: <input type="checkbox"/> Steel <input type="checkbox"/> Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Plastic Diameter 5 in. to 58 ft. depth Height: Above/Below Surface XXX ft. 8 in. to 58 ft. depth Weight 2 lbs./ft. Grouted Drill Hole Diameter 8 in. to 58 ft. depth Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth		
8 SCREEN: <input type="checkbox"/> Not Installed Type stainless Diameter 4" Slot/Gauze .006 Length 4' Set between 58 ft. and 61 ft. FITTINGS: <input checked="" type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen 1.5 ft. Other _____		
9 STATIC WATER LEVEL: 6 ft. below land surface <input type="checkbox"/> Flow		
10 PUMPING LEVEL: below land surface 33 ft. after 1 hrs. pumping at 20 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 0 to 35 ft. <input type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other Quik gel No. of bags of cement 1.5 Additives _____		
13 Nearest source of possible contamination Type s tank Distance 150 ft. Direction S 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 Goulds Model number 10EJ05421 HP 1/2 Volts 115 Length of Drop Pipe 35 ft. capacity 10 G.P.M. TYPE: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet PRESSURE TANK: Manufacturer's name Customer's Model number _____ Capacity _____ 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.		
17. Rig Operator's Name:		
18. WATER WELL CONTRACTOR'S CERTIFICATION: FOX & BOLEY WELL DRILLING, INC. REGISTRATION NO. 0167 Address 6655 Brooklyn Rd., Jackson, MI 49201 Signed James L. Melville Date 10/19/89 AUTHORIZED REPRESENTATIVE		

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OCT 24 1989
ENVIRONMENTAL HEALTH

USE A 2ND SHEET IF NEEDED

Authority: Act 388 PA 1978
Completion: Required
Penalty: Conviction of a violation of any provision is a misdemeanor.

1 LOCATION OF WELL				
County WASHTENAW	Township Name SILVAN	Fraction SE 1/4 SE 1/4	Section Number 18	Town Number 2 N S
Distance And Direction From Road Intersection 15605 KILMER, CHELSEA, 48118		Range Number 3 E A D		



3 OWNER OF WELL:
MARK HAMMA
Address
4980 W. MICHIGAN AVE, VYSLANT
Address Same As Well Location? Yes No **48118**

4 WELL DEPTH: **98 FT.** Date Completed **8/28/91**
 New Well Replacement Well

5 Cable tool Rotary Driven Dug
 Hollow rod Auger Jetted Dig

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

7 CASING: Steel Threaded Height: Above/Below
Diameter **5** in. to **7 1/2** ft. depth Surface **1** ft.
 Plastic Welded Weight **5000** lbs./ft.
8 in. to **7 1/2** ft. depth Drive Shoe Yes No
Grouped Drill Hole Diameter **8** in. to **7 1/2** ft. depth

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
SAND	19	19
GRAY CLAY	45	64
SAND ROCK not cut BADLY cut part not needed	34	98

3000
9-26-91

8 SCREEN: Not Installed
Type _____ Diameter _____
Slot/Gauze _____ Length _____
Set between _____ ft. and _____ ft.
FITTINGS: K-Packer Lead Packer Bremer Check
 Blank above screen _____ ft. Other _____

9 STATIC WATER LEVEL: **12** ft. below land surface Flow

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

11 WELL HEAD COMPLETION: Plugless adapter 2' above grade
 Basement offset Approved pit

12 WELL GROUTED? No Yes From **0** to **7 1/2** ft.
 Neat cement Bentonite Other **BEN SEAL**
No. of bags of cement _____ Additives _____

13 Nearest source of possible contamination
Type **SEPTIC** Distance **100** ft. Direction **N**
Well disinfected upon completion? Yes No
Was old well plugged? Yes No

14 PUMP: Not Installed Pump Installation Only
Manufacturer's name **RED JACKET**
Model number **400** HP **1/2** Volts **220**
Length of Drop Pipe **35** ft. capacity **10** G.P.M.
TYPE: Submersible Jet
PRESSURE TANK:
Manufacturer's name **WELL RITE**
Model number **100-03** Capacity **9.9** Gallons

RECEIVED
Mich. Dept of Public Health
OCT 2 1991

15. Remarks, elevation, source of data, etc. **BUREAU OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH**

17. Rig Operator's Name: **LARRY CLARK / JIM WELAND**

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.

CRIBLEY DRILLING CO., INC. 81-0524
REGISTERED BUSINESS NAME REGISTRATION NO.
Address **8300 DEXTER-CHELSEA, DEXTER**
Signed **Jack G. Clark** Date **9-11-91**
AUTHORIZED REPRESENTATIVE

WATER WELL AND PUMP RECORD

9001013
PERMIT NUMBER

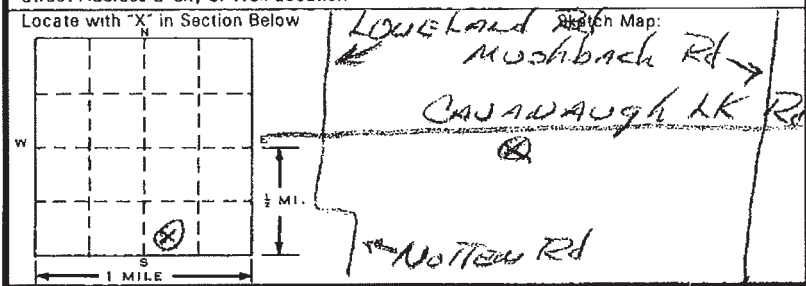
1 LOCATION OF WELL					
County WASHTENAW	Township Name Sylvan	Fraction 56 1/4 Sec 14	Section Number 18	Town Number 2 MS	Range Number 3 EN

Distance And Direction From Road Intersection
**15555 CANAUAUGH LAKE RD
CHELSEA, MI 48118**

Street Address & City of Well Location

3 OWNER OF WELL: Bob Riemenschneider
Address: **13876 Bramble Brae
Gregory, MI 48137**

Address Same As Well Location? Yes No



4 WELL DEPTH: 78 FT. Date Completed: **8/13/90** 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: Steel Threaded Plastic Welded
Diameter: **5 in.** to **24 ft.** depth
Height: Above/Below Surface **1** ft.
Weight **50 lb/ft.**
Grouted Drill Hole Diameter: **8 in.** to **40 ft.** depth
Drive Shoe Yes No

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
GRAVEL	20	20
SAND	40	60
FINE SAND	8	68
SAND	10	78

8 SCREEN: Not Installed
Type **STAINLESS WIRE** Diameter **5 1/4" Non**
Slot/Groove **12** Length **41**
Set between **74** ft. and **78** ft.
FITTINGS: K-Packer Lead Packer Bremer Check
 Blank above screen **1** ft. Other _____

9 STATIC WATER LEVEL: **27** ft. below land surface Flow

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

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

12 WELL GROUTED? No Yes From **0** to **40** ft.
 Neat cement Bentonite Other **BEW SEAL**
No. of bags of cement _____ Additives _____

13 Nearest source of possible contamination
Type **SEPTIC** Distance **100** ft. Direction **SW**
Well disinfected upon completion? Yes No
Was old well plugged? Yes No

14 PUMP: Not Installed Pump Installation Only
Manufacturer's name **Red Jacket**
Model number **CN90C** HP **1/2** Volts **220**
Length of Drop Pipe **45** ft. capacity **12** G.P.M.
TYPE: Submersible Jet
PRESSURE TANK:
Manufacturer's name **Antrol**
Model number **WX203** Capacity **9.9** 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.
CRIBLEY DRILLING CO INC 81-0524
REGISTERED BUSINESS NAME: **Dexter, MI 48130** REGISTRATION NO. _____
Address: _____
Signed: **Joel G. Clark** Date: **8-20-90**
AUTHORIZED REPRESENTATIVE

17. Rig Operator's Name:
KURT WING & KEN PEARCE

15617 KILMER

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

GEOLOGICAL SURVEY NO. []

96 05 622 PERMIT NUMBER

1 LOCATION OF WELL
County: WASHTENAW, Township Name: SYLVAN, Fraction: SE 1/4 SW 1/4 SE 1/4, Section Number: 18, Town Number: 2 S, Range Number: 3 E

Distance And Direction From Road Intersection: 15617 KILMER CHELSEA 48118. Street Address & City of Well Location: 15617 KILMER CHELSEA 48118. Sketch Map: Grid showing well location with NOTTEN RD. and KILMER RD. A circled 'X' marks the well location.

3 OWNER OF WELL: PIERRE GONYON, 509 GORHAM JACKSON, MI 49203. 4 WELL DEPTH: 147 FT., Date Completed: 08/29/97, NEW WELL. 5 DRILLING METHOD: ROTARY. 6 USE: DOMESTIC. 7 CASING: PLASTIC, Diameter 5" to 77 ft. depth, Grouted Drill Hole Diameter 9" to 77 ft. depth. Height: ABOVE, Surface 1', Weight SDR 21, Drive Shoe: NO.

2 FORMATION DESCRIPTION, THICKNESS OF STRATUM, DEPTH TO BOTTOM OF STRATUM. SAND: 14, 14. GRAY CLAY: 56, 70. BLACK SHALE: 37, 107. LIME ROCK & SAND ROCK MIXED: 40, 147.

8 SCREEN: Type, Diameter, Length, Set Between, FITTINGS: Blank above screen. 9 STATIC WATER LEVEL: 20 ft. below land surface, Flow: NO. 10 PUMPING LEVEL: 60 ft. after 2 hrs. pumping at 10 G.P.M., 72 ft. after 2 hrs. pumping at 12 G.P.M. 11 WELL HEAD COMPLETION: PITLESS ADAPTOR. 12 WELL GROUTED? YES, BEN-SEAL From 0 to 77 ft., 8 bags of cement. Additives. 13 Nearest source of contamination: Type SEPTIC, Distance 100 ft, Direction NW, Well disinfected upon completion? YES, Was old well plugged? 14 PUMP: Manufacturers name RED JACKET, Model number 75SESWI-12SBC, HP 3/4, VOLTS 230V, Length of Drop Pipe 105 ft. capacity 12 G.P.M., Type PRESSURE TANK, Manufacturers Name AMTROL, Model Number WX 203, Capacity 9.9 Gallons.

RECEIVED DEPARTMENT OF ENVIRONMENTAL QUALITY NOV - 1 97 D.W.R.D. GROUND WATER SUPPLY SEC. RECEIVED OCT 05 1997 ENVIRONMENTAL HEALTH

15. Remarks, elevation, source of data, etc. 17. Rig Operator's Name: KEN PEARCE

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. Cribley Drilling Co., Inc. 81-0524 REGISTERED BUSINESS NAME REGISTRATION NO. Address 8300 Dexter Chelsea Rd. Dexter, MI 48130 Signed [Signature] Date 9/5/97 AUTHORIZED REPRESENTATIVE

D67d 2/89 CDCW13256P16935 04/04/00

IMPORTANT: File with deed.

GEOLOGICAL SURVEY COPY. Cribley Drilling Co., Inc. 8300 Dexter-Chelsea Rd. Dexter, MI 48130

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

1 LOCATION OF WELL		
County WASHTENAW	Township Name SYLVAN	Fraction NE % SW % SE %
		Section Number 18
		Town Number 2 S
		Range Number 3 E
Distance And Direction From Road Intersection 15643 KILMER GRASS LAKE 49240		
Street Address & City of Well Location Locate with "X" in Section Below		
Latitude: Longitude:		
2 FORMATION DESCRIPTION		
SAND	THICKNESS OF STRATUM 14	DEPTH TO BOTTOM OF STRATUM 14
GRAY CLAY	36	50
SAND AND GRAY CLAY	25	75
SHALE	32	107
RECEIVED DEC 02 1992 ENVIRONMENTAL HEALTH		
MS40592 PS40592 WELLS AWC5-1 1" PVC		
15. Remarks, elevation, source of data, etc.		16. WATER WELL CONTRACTOR'S CERTIFICATION:
17. Rig Operator's Name: KURT WING		This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Cribley Drilling Co., Inc. 81-0524 REGISTERED BUSINESS NAME REGISTRATION NO. Address 8300 Dexter Chelsea Rd. Dexter, MI 48130

D67d 2/89

CDCW10403P12921 11/05/92

RECEIVED
Mich. Dept. of Public Health

Date 11-11-92
AUTHORIZED REPRESENTATIVE

IMPORTANT: File with deed.

JAN 5 1993

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

BUREAU OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH-GWIS

WATER WELL AND PUMP RECORD

9 3 0 1 5 3 2
PERMIT NUMBER

1 LOCATION OF WELL	
County <i>Washtenaw</i>	Township Name <i>Sylvania</i>
Fraction <i>SE 1/4 SE 1/4 NW 1/4</i>	Section Number <i>18</i>
Town Number <i>2 N/S</i>	
Range Number <i>3 E/W</i>	
Distance And Direction From Road Intersection <i>1/2 mi. S. of Harvey Rd. & Patton Rd.</i>	
Street Address & City of Well Location	
Locate with "X" in Section Below	
	Sketch Map:
2 FORMATION DESCRIPTION	3 OWNER OF WELL: <i>Gary Regal</i> Address <i>6558 Twist Rd. Grosse Ile, MI. 48240</i> Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 4 WELL DEPTH: Date Completed <i>8-18-93</i> FT. <input type="checkbox"/> Now Well <input type="checkbox"/> Replacement Well 5 <input type="checkbox"/> Cable tool <input 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 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 type="checkbox"/> Steel <input type="checkbox"/> Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Plastic <input type="checkbox"/> Height: Above/Below Surface _____ ft. _____ in. to _____ ft. depth Weight _____ lbs./ft. Grouted Drill Hole Diameter Drive Shoe <input type="checkbox"/> Yes <input type="checkbox"/> No _____ in. to _____ ft. depth _____ in. to _____ ft. depth
	8 SCREEN: <input type="checkbox"/> Not Installed Type _____ Diameter _____ Slot Gauge _____ Length _____ Set between _____ ft. and _____ ft. FITTINGS: <input type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen _____ ft. Other _____
	9 STATIC WATER LEVEL: _____ ft. below land surface <input type="checkbox"/> Flow
	10 PUMPING LEVEL: below land surface _____ ft. after _____ hrs pumping at _____ G.P.M. _____ ft. after _____ hrs pumping at _____ G.P.M.
	11 WELL HEAD COMPLETION: <input 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 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 _____ Distance _____ ft. Direction _____ Well disinfected upon completion? <input 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 checked="" type="checkbox"/> Pump Installation Only Manufacturer's name <i>Flint & Working</i> Model number <i>4F1000C-305P 1/2</i> Volts <i>230</i> Length of Drop Pipe <i>47</i> ft. capacity <i>10</i> G.P.M. TYPE: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet PRESSURE TANK Manufacturer's name <i>Cou Aire</i> Model number <i>CAB2TE</i> Capacity <i>10.5</i> Gallons
15. Remarks, elevation, source of data, etc. <div style="text-align: center; border: 1px solid black; padding: 5px; width: fit-content; margin: 20px auto;"> RECEIVED SEP 27 1993 ENVIRONMENTAL HEALTH </div> <div style="text-align: right; margin-top: 20px;"> NOV 1 1993 <small>USE A 2ND SHEET IF NEEDED</small> </div>	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>Matthews Pumps</i> <i>30-0629</i> REGISTERED BUSINESS NAME REGISTRATION NO. Address <i>4601 Paige Ave</i> Signed <i>Scott Matthews</i> Date <i>9-23-93</i> AUTHORIZED REPRESENTATIVE
17. Rig Operator's Name: <i>Scott + Mark</i>	

Authority: Act 388 PA 1978
Completion: Required
Penalty: Conviction of a violation of any provision is a misdemeanor.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH
WATER WELL AND PUMP RECORD

93-01826

PERMIT NUMBER

1 LOCATION OF WELL		
County <i>Washtenaw</i>	Township Name <i>SYLVAN</i>	Fraction <i>SE 1/4 SE 1/4 NW 1/4</i>
Distance And Direction From Road Intersection <i>NORTH OF Old US-12 2 Miles West of Muskegoch Rd</i>		Section Number <i>18</i>
Street Address & City of Well Location <i>3725 Notley Rd Sylvan</i>		Town Number <i>2 N</i>
Locate with "X" in Section Below		Range Number <i>3 E</i>
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> <p style="text-align: center;">Sketch Map:</p> </div> <div> <p><i>1-94</i></p> </div> </div>		
2 FORMATION DESCRIPTION		
	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<i>Sand</i>	<i>12</i>	<i>12</i>
<i>Sand & Gravel - Some water</i>	<i>15</i>	<i>27</i>
<i>Red Clay & Gravel</i>	<i>11</i>	<i>38</i>
<i>Red Clay</i>	<i>13</i>	<i>51</i>
<i>Water Sand</i>	<i>12</i>	<i>63</i>
3 OWNER OF WELL		
Name <i>David L Heffner</i>		
Address <i>1316 Heritage Canton MI</i>		
Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
4 WELL DEPTH: <i>63</i> FT. Data Completed <i>5/14/93</i> <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Replacement Well		
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 type="checkbox"/> Steel <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Welded Height: Above/Surface <i>3</i> ft. Weight <i>PVC</i> lbs./ft. Drive Shoe <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
8 SCREEN: <input type="checkbox"/> Not Installed Type <i>Jayco pvc</i> Diameter <i>3 inch</i> Slot/Screen <i>25</i> Length <i>6 ft</i> Set between <i>58</i> ft. and <i>63</i> 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 <i>2</i> ft. Other _____		
9 STATIC WATER LEVEL: <i>35</i> ft. below land surface <input type="checkbox"/> Flow		
10 PUMPING LEVEL: below land surface <i>45</i> ft. after <i>2</i> hrs. pumping at <i>45</i> G.P.M. _____ ft. after _____ hrs. pumping at _____ G.P.M.		
11 WELL HEAD COMPLETION: <input type="checkbox"/> Pitless adaptor <input checked="" type="checkbox"/> 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 <i>0</i> to <i>50</i> ft. <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ No. of bags of cement _____ Additives _____		
13 Nearest source of possible contamination Type <i>NONE</i> Distance _____ ft. Direction _____ Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No Was old well plugged? <input type="checkbox"/> Yes <input type="checkbox"/> No		
14 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		
<small>USE A 2ND SHEET IF NEEDED</small>		
15. Remarks, elevation, source of data, etc. <i>Well installed on [unclear] & [unclear] Mich. Dept. of Public Health</i>		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>Roberts Co 47-1789</i> REGISTERED BUSINESS NAME REGISTRATION NO. Address <i>3450 Hooker Rd Pinckney</i> Signed <i>[Signature]</i> Date <i>5-17-93</i> AUTHORIZED REPRESENTATIVE
17. Rig Operator's Name: <i>JUL 7 1993</i>		

RECEIVED

MAY 26 1993

ENVIRONMENTAL HEALTH

WATER WELL AND PUMP RECORD

1 LOCATION OF WELL																																		
County WASHTENAW	Township Name SYLVAN	Fraction SE 1/4 SE 1/4 NW 1/4	Section Number 18	Town Number 2	Range Number 3																													
Distance And Direction From Road Intersection 1/2 mi. S. of Cavanaugh & Notten		3695 Notten		Street Address & City of Well Location		3 OWNER OF WELL: GARY REGAL Address: 6558 TRIST RD, GRASS LAKE, MI 49240 Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																												
Locate with "X" in Section Below		Sketch Map:		4 WELL DEPTH: Date Completed 8-18-93 <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Replacement Well		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"/>																												
		THICKNESS OF STRATUM DEPTH TO BOTTOM OF STRATUM		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 type="checkbox"/> Steel <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Welded Height: Above/Below Surface 1 ft. Weight _____ lbs./ft. Drive Shoe <input type="checkbox"/> Yes <input type="checkbox"/> No																												
2 FORMATION DESCRIPTION <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">FORMATION DESCRIPTION</th> <th style="width: 15%;">THICKNESS OF STRATUM</th> <th style="width: 15%;">DEPTH TO BOTTOM OF STRATUM</th> </tr> </thead> <tbody> <tr><td>CLAY</td><td>4</td><td>4</td></tr> <tr><td>Sand</td><td>25</td><td>29</td></tr> <tr><td>Gravel</td><td>11</td><td>40</td></tr> <tr><td>Gray Clay</td><td>30</td><td>70</td></tr> <tr><td>Sand</td><td>5</td><td>75</td></tr> <tr><td>Clay & STONES</td><td>22</td><td>87</td></tr> <tr><td>Sandrock, Shale, lime</td><td>3</td><td>90</td></tr> <tr><td>Sandrock</td><td>35</td><td>125</td></tr> </tbody> </table>		FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	CLAY	4	4	Sand	25	29	Gravel	11	40	Gray Clay	30	70	Sand	5	75	Clay & STONES	22	87	Sandrock, Shale, lime	3	90	Sandrock	35	125	8 SCREEN: <input checked="" type="checkbox"/> Not Installed Type _____ Diameter _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. FITTINGS: <input type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen _____ ft. Other _____		9 STATIC WATER LEVEL: 27 ft. below land surface <input type="checkbox"/> Flow			
		FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM																														
		CLAY	4	4																														
		Sand	25	29																														
		Gravel	11	40																														
		Gray Clay	30	70																														
		Sand	5	75																														
		Clay & STONES	22	87																														
Sandrock, Shale, lime	3	90																																
Sandrock	35	125																																
10 PUMPING LEVEL: below land surface 125 ft. after 3 hrs. pumping at 50 G.P.M. _____ ft. after _____ hrs. pumping at _____ G.P.M.		11 WELL HEAD COMPLETION: <input checked="" type="checkbox"/> Pitless adapter <input checked="" 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 0 to 96 ft. <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Other PRESSURE GROUT No. of bags of cement _____ Additives _____		13 Nearest source of possible contamination Type septic Distance 75 ft. Direction _____ 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																																
USE A 2ND SHEET IF NEEDED 15. Remarks, elevation, source of data, etc. <p style="text-align: center; font-size: 1.2em;">OCT 4 1993</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.		14 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																														
17. Rig Operator's Name: TERRY		BUREAU OF ENVIRONMENTAL & OCCUPATIONAL HEALTH TERRY'S WELL SERVICE 23-2033 REGISTERED BUSINESS NAME REGISTRATION NO. Address 2120 BELLEVUE HWY OLIVET, MI Signed Jerry Corda Date 8-22-93 AUTHORIZED REPRESENTATIVE		Authority: Act 388 PA 1978 Completion: Required Penalty: Conviction of a violation of any provision is a misdemeanor.																														

TAX NO: N/A

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

PERMIT NO:
93-01826

1. LOCATION OF WELL
County Washtenaw Township Name SYLVAN

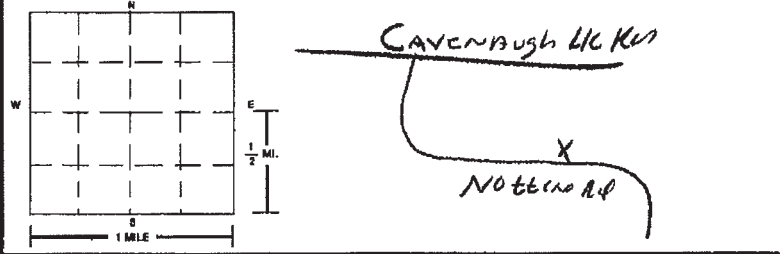
Fraction SE 1/4 S 1/4 NW 1/4 Section No. 18 Town No. 2-N Range No. 3-E

Distance and Direction from Road Intersection
NORTH OF OLD US 12 2 Miles
WEST OF MUSTHACK RD

3. OWNER OF WELL
Address DAVID McFFREN
3725 Notte Rd
Chelsea MI

Street Address & City of Well Location 3725 Notte Rd Sylvan

Address Same as Well Location Yes No



4. WELL DEPTH: 63 ft. Date Completed 2-5-96

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

2. FORMATION DESCRIPTION

Installed Pumping Equipment
IN WELL Drilled 5-17-93
Permit # 93-01826

7. CASING: Steel Threaded
 Plastic Welded
 Other _____

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

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
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 RED-JACK
Model Number 50093BC HP 1/2 Volts 230
Length of Drop Pipe 45 ft. Capacity 10 G.P.M.
TYPE: Submersible Jet Other _____
PRESSURE TANK:
Manufacturer's Name Challenger
Model Number PC-122 Capacity 125 Gallons 60

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

17. DRILLING MACHINE OPERATOR:
 Employee Subcontractor
Name _____

15. WATER WELL CONTRACTOR'S CERTIFICATION:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Roberts Co 47-1789
REGISTERED BUSINESS NAME _____ REGISTRATION NO. _____
Address 3450 Hooker Rd Pinckney MI
Signed [Signature] Date 2-6-96
AUTHORIZED REPRESENTATIVE

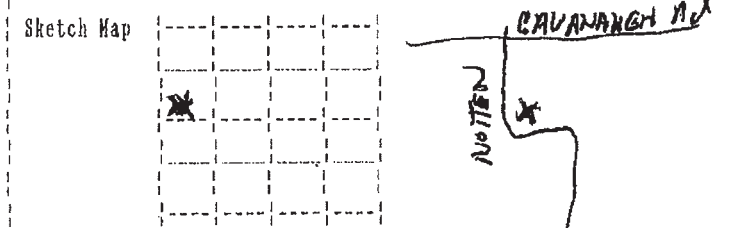
GW-2-228 9/93

GEOLOGICAL SURVEY COPY

Authority: Act 388 PA 1978
Completion: Required
Penalty: Conviction of a violation of any provision is a misdemeanor.

1 Location of Well
 County **WASHTENAW** Township Name **SYLVAN** Fraction **SW SW NW** Section Number **13** Town Number **2 N/S** Range Number **3 E/W**

Distance and Direction From Road Intersection
 Address ~~6386 JACKSON~~
3699 NOTTEN ROAD
SALINE
 Street Address and City of Well Location
 Owner of Well **GLANOUR HOMES/FISCHER**
6386 Jackson Rd
ANN ARBOR MI 48103-
 Address Same as Well Location? **No**



4 Well Depth (Completed) **89** ft. Date of Completion **07/26/94**
 New Well
 5 Drilling Method **ROTARY**
 6 Proposed Use **DOMESTIC**

2 FORMATION DESCRIPTION

FORMATION DESCRIPTION	Thickness of Stratum	Depth to Bottom of Stratum
GRAVEL	46	46
GRAY CLAY	35	81
SAND STONE	8	89

7 Casing **PLASTIC** Height Above Surface **1** ft.
 5 in. to 89 ft. depth Weight **5** lbs./ft.
 Grouted Drill Hole Diameter **8.5** in. to Drive Shoe **Yes**
 in. to ft. depth

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 ENVIRONMENTAL HEALTH

RECEIVED
 DIVISION OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH
 OCT - 3 - 94
 8-23-94

8 Screen **Not Installed**
 9 Static Water Level **15** Ft. Below Land Surface Flow
 10 Pumping Level Below Land Surface
40 ft. after 2 hrs. pumping at **20** G.P.H.
40 ft. after 2 hrs. pumping at **20** G.P.H.

11 Well Head Completion **PITLESS ADAPTER**
 12 Well Grouted **Yes** From **0** to **80** ft.
PRESSURE GROUT
 No. of bags of cement Additives **BENSRAL/GEL**
 13 Nearest Source of Possible Contamination, Type **SEPTIC SYSTEM** Distance **125'** Direction **N**
 Well disinfected upon completion? **Yes**
 Was old well plugged? **No**

15 Remarks, elevation, source of data, etc.

14 Pump Installed **Pump Installation Only? No**
 Manufacturer's Name **REDJACKET**
 Model Number **9BC** HP **1/2** Volts **220**
 Length of Drop Pipe **40** ft. Capacity
 Type **SUBMERSIBLE** Jet **NONE**
 Pressure Tank Name **WELL X-TROL**
 Pressure Tank Model **203**

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.
 REGISTERED BUSINESS NAME **ANN ARBOR WELL DRILLING**
 REGISTRATION NUMBER **1290**
 ADDRESS P.O. BOX **163** DATE **8-18-94**
 SIGNED **Herald Wheeler** (Authorized Representative)

AUTHORITY: Act 368 PA 1978 COMPLETION: Required.
 PENALTY: Conviction of a violation of any provision is misdemeanor. IMPORTANT: File with deed.

3687 NOTTEN

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

GEOLOGICAL SURVEY NO. []

94 03 658
PERMIT NUMBER

1 LOCATION OF WELL			3 OWNER OF WELL		
County	Township Name	Fraction	Section Number	Town Number	Range Number
WASHTENAW	SYLVAN	SE ¼ SE ¼ NW ¼	18	2 S	3 E
Distance And Direction From Road Intersection 3687 NOTTEN GRASS LAKE 49240 LOT E			Address TODD & DEBORAH KESZLER 225 MIDDLE CHELSEA, MI 48118		
Street Address & City of Well Location 3687 NOTTEN GRASS LAKE 49240			Address Same As Well Location? NO		
Locate with "X" in Section Below			4 WELL DEPTH: 117 FT. Date Completed: 10/25/94 NEW WELL		
Sketch Map CAVANAUGH LK RD. NOTTEN RD. MUSHBACK RD. I94 ½ MI. Latitude: Longitude:			5 DRILLING METHOD: ROTARY		
N W E S 1 MILE			6 USE: DOMESTIC		
FORMATION DESCRIPTION			7 CASING: PLASTIC		
SAND	THICKNESS OF STRATUM: 46	DEPTH TO BOTTOM OF STRATUM: 46	Diameter 5" to 88 ft. depth Diameter " to " ft. depth Grouted Drill Hole Diameter 9" to 80 ft. depth " to " ft. depth		
GRAY CLAY	39	85	Height: ABOVE Surface 1'		
SAND ROCK	32	117	Weight SDR 21 Drive Shoe: NO		
			8 SCREEN: Type NOT INSTALLED Diameter " Nominal Length ft. Set Between ft. and ft. FITTINGS: Blank above screen ft.		
			9 STATIC WATER LEVEL 19 ft. below land surface Flow: NO		
			10 PUMPING LEVEL: Below land surface 20 ft. after 2 hrs. pumping at 12 G.P.M. ft. after hrs. pumping at G.P.M.		
			11 WELL HEAD COMPLETION: PITLESS ADAPTOR		
			12 WELL GROUTED? YES BEN-SEAL From 0 to 80 ft. 7 bags of cement. Additives		
			13 Nearest source of contamination Type SEPTIC Distance 100 ft Direction NE Well disinfected upon completion? YES Was old well plugged?		
			14 PUMP: Manufacturers name RED JACKET Model number 50SEWI-9BC HP 1/2 VOLTS 230V Length of Drop Pipe 45 ft. capacity 12 G.P.M. Type SUBMERSIBLE PRESSURE TANK: Manufacturers Name AMTROL Model Number WX 203 Capacity 9.9 Gallons		
RECEIVED NOV 28 1994			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. Cribley Drilling Co., Inc. 81-0524 REGISTERED BUSINESS NAME REGISTRATION NO. Address 8300 Dexter Chelsea Rd. Dexter, MI 48130 Signed [Signature] AUTHORIZED REPRESENTATIVE Date 11/1/94		
15. Remarks, elevation, source of data, etc.			17. Rig Operator's Name: KURT WING		
MS40894 358202 10/25/94 PS40894 358202 WELLS AWC 5-1 1" PVC ENV. HEALTH					

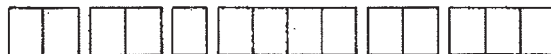
D67d 2/89 CDCW11482P14447 10/25/96

IMPORTANT: File with deed.

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

15 52+

APR 4 1975



WATER WELL RECORD
ACT 294 PA 1966

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

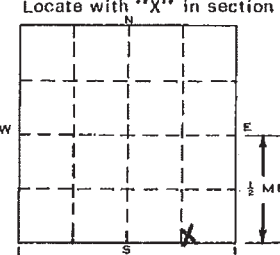
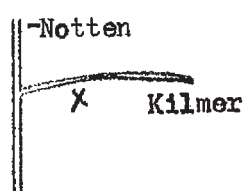
1 LOCATION OF WELL			County		Township Name		Fraction		Section Number		Town Number		Range Number																									
WASHTEWAN Distance And Direction from Road Intersections About 1/2 MILE NORTH OF I 94 About 900' WEST OF NOTTEN Street address & City of Well Location Locate with "X" in section below 			WASHTEWAN Township Name SYLVAN		NE 1/4 Fraction NE 1/4		18 Section Number 2 N/S.		2 N/S. Town Number		3 E/W. Range Number		3 OWNER OF WELL: LARRY WIEDENMYER Address 26700 DAVISON DET MICH 48239																									
2 FORMATION <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">FORMATION</th> <th style="width: 20%;">THICKNESS OF STRATUM</th> <th style="width: 20%;">DEPTH TO BOTTOM OF STRATUM</th> </tr> </thead> <tbody> <tr> <td>YELLOW SAND</td> <td>25</td> <td>25</td> </tr> <tr> <td>BLUE CLAY</td> <td>43</td> <td>18</td> </tr> <tr> <td>WATER SAND</td> <td>52</td> <td>9</td> </tr> </tbody> </table>			FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	YELLOW SAND	25	25	BLUE CLAY	43	18	WATER SAND	52	9	4 WELL DEPTH: (completed) Date of Completion 52 ft. 52 3/14/75		5 <input checked="" type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored		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		7 CASING: Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Diam. _____ Height: Above/Below Surface _____ ft. 4 in. to 52 ft. Depth Weight 11 lbs./ft. _____ in. to _____ ft. Depth Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		8 SCREEN: Type: PVC Dia.: 3 Slot/Cage 14 Length 5' Set between 48 ft. and 52 ft. Fittings: JACKER.		9 STATIC WATER LEVEL 10 ft. below land surface.		10 PUMPING LEVEL below land surface 25 ft. after 4 hrs. pumping 15 g.p.m. 25 ft. after 8 hrs. pumping 15 g.p.m.		11 WATER QUALITY in Parts Per Million: Iron (Fe) _____ Chlorides (Cl) _____ Hardness _____ Other _____		12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade		13 Well Grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite _____ Depth: From _____ ft. to _____ ft.		14 Nearest Source of possible contamination 100 feet North Direction SEPTIC Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		15 PUMP: <input checked="" type="checkbox"/> Not installed 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 <input type="checkbox"/> Reciprocating	
FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM																																				
YELLOW SAND	25	25																																				
BLUE CLAY	43	18																																				
WATER SAND	52	9																																				
16 Remarks, elevation, source of data, etc. JP SY 1-75			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. STEPHAN WELL DRILLING 1180 REGISTERED BUSINESS NAME REGISTRATION NO. Address 6685 SIX MILE NORTHVILLE Signed Daniel M. Stephan Date 3/14/75 AUTHORIZED REPRESENTATIVE																																			

2 APR 05 1979



WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL					
County Washtenaw	Township Name Sylvan	Fraction SW 1/4 SE 1/4 SW 1/4	Section Number 18	Town Number T2S N/S.	Range Number R3E E/W.
Distance And Direction from Road Intersections 1/4 mi E Notten & Kilmer Roads			3 OWNER OF WELL: Jeff Hughes Address 6651 Werker Chelsea, Michigan		
Street address & City of Well Location Kilmer Road			4 WELL DEPTH: (completed) Date of Completion 130 ft. 7/13/78		
Locate with "X" in section below 			Sketch Map: 		
2 FORMATION			5 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		
THICKNESS OF STRATUM			7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Diam. _____ Height: Above Base Surface 1 ft. 4 in. to 92 ft. Depth Weight 11 lbs./ft. _____ in. to _____ ft. Depth Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Sand			8 SCREEN: Type: _____ Dia.: _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. Fittings: _____		
Clay			9 STATIC WATER LEVEL 30 ft. below land surface		
Black shale			10 PUMPING LEVEL below land surface 70 ft. after 2 hrs. pumping 15 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: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade		
			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.		
			14 Nearest Source of possible contamination 89 feet SW Direction s tank Type _____ Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name Aermotor Model Number A5SD HP 1/2 Volts 230 Length of Drop Pipe 75 ft. capacity 12 G.P.M. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating		
ADDED INFO BY DRILLER, ITEM NO. CORRECTED BY ADDITION BY ELEVATION DEPTH TO G.W. USE A 2ND SHEET IF NEEDED			16 Remarks, elevation, source of data, etc. SY 19-78		
			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. Fox Brothers Drillers, Inc. REGISTRATION NO. 167 Address 6655 Brooklyn Rd., Jackson, Michigan 49201 Signed N. McNeill Date 11/14/78 AUTHORIZED REPRESENTATIVE		



OCT 4 1972

WATER WELL RECORD
ACT 294 PA 1965

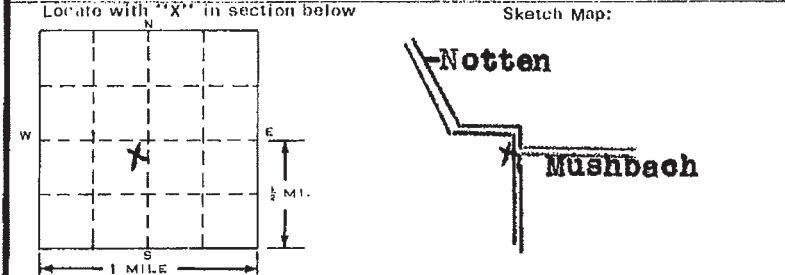
MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL		Fraction		Section Number		Town Number		Range Number	
County Washtenaw	Township Name Sylvan	NE 1/4 NE 1/4 SW 1/4		18		T2S N/S.		R3E E/W.	

Distance And Direction from Road Intersections
150' S Notten & Muschbach Rds

3516 Notten Road
Street address & City of Well Location

3 OWNER OF WELL:
Andy Risteter
Address **36851 Blanchard Blvd, Apt 204 Farmington, Michigan 48024**



4 WELL DEPTH: (completed) Date of Completion
155 ft. **7/21/72**

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/Surface **1** ft.
Diam. _____ ft. Weight **11** lbs./ft.
4 in. to **100** ft. Depth Drive Shoe? Yes No

2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
Clay and sand	40	40
Sand and shale	20	60
Sand and shale	10	70
Sand and gravel w/shale	20	90
Hard black drilling shale	35	125
Layers of shale & sandstone	5	130
Sandstone	5	135
Layers of limestone & sandstone	10	145
Layers of shale & sandstone	10	155
ADDED INFO. BY DRILLER. 11AM		
CORRECTED BY JH		
ADDITION BY		
USE A 2ND SHEET IF NEEDED		

8 SCREEN:
Type: **none** Dia.: _____
Slot/Gauze _____ Length _____
Set between _____ ft. and _____ ft.
Fittings: _____

9 STATIC WATER LEVEL
25 ft. below land surface

10 PUMPING LEVEL below land surface
40 ft. after **18** hrs. pumping **15** 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 **s** Direction **s tank** Type _____
Well disinfected upon completion Yes No

15 PUMP: Not installed
Manufacturer's Name **Flint & Walling**
Model Number **B7BK18** HP **1/2** Volts **220**
Length of Drop Pipe **80** ft. capacity **19** G.P.M.
Type: Submersible **3/4 HP**
 Jet Reciprocating

16 Remarks, elevation, source of data, etc.
*Washt. County Health
Permit SY 13-72*

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.
Fox Brothers Drillers, Inc. **167**
REGISTERED BUSINESS NAME REGISTRATION NO.
Address **6655 Brooklyn Rd., Jackson, Michigan 49201**
Signed *Allen J. Fox* Date **8/11/72**
AUTHORIZED REPRESENTATIVE

SEP 09 1974

WATER WELL RECORD ACT 294 PA 1965

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

1 LOCATION OF WELL

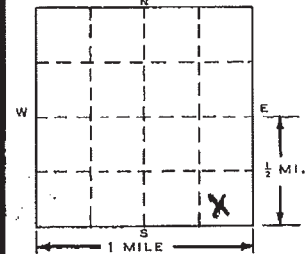
County WASHTENAW	Township Name SYLVAN	Fraction SW 1/4 SW 1/4 SE 1/4	Section Number 18	Town Number 2 N/S.	Range Number 3 E/W.
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Distance And Direction from Road Intersections
**ABOUT .2 MILE EAST OF NOTTEN RD.
 AND ABOUT 200' SOUTH OF KILMER RD.
 15485 KILMER RD.**

Street address & City of Well Location

Locals with "X" in section below

Sketch Map:



3 OWNER OF WELL:

TOM BELL
 Address **1558 KILMER RD.
 GRASSLAK, MICH.**

4 WELL DEPTH: (completed) Date of Completion

79 ft. **2-2-74**

5 Cable tool Rotary Driven Dug Hollow rod Jetted Bored

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

7 CASING: Threaded Welded Height: Above ~~Below~~ Surface **1** ft. Weight **11** lbs./ft. Drive Shoe? Yes No

8 SCREEN:

NONE
 Type: _____ Dia.: _____
 Slot/Gauze _____ Length _____
 Set between _____ ft. and _____ ft.
 Fittings: _____

9 STATIC WATER LEVEL

27 ft. below land surface

10 PUMPING LEVEL below land surface

30 ft. after **2** hrs. pumping **10** g.p.m.
32 ft. after **2** hrs. pumping **12** g.p.m.

11 WATER QUALITY in Parts Per Million:

Iron (Fe) _____ Chlorides (Cl) _____
NOT KNOWN
 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 **80** feet **SOUTH** Direction **SEPTIC TANK** Type Well disinfected upon completion Yes No

15 PUMP: Not installed Manufacturer's Name **REDA** Model Number **909P051** HP **1/2** Volts **220** Length of Drop Pipe **42** ft. capacity **10** G.P.M. Type: Submersible Jet Reciprocating

2 FORMATION THICKNESS OF STRATUM DEPTH TO BOTTOM OF STRATUM

FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
SAND-YELLOW	12'	12"
CLAY-	30'	42"
CLAY-SAND MIX	23'	65"
SANDSTONE+BLACK SHALE WATER	14'	79"

USE A 2ND SHEET IF NEEDED

16 Remarks, elevation, source of data, etc.

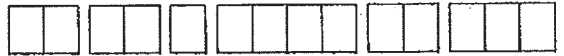
WELL CASED 62'
 ADDED INFO BY ORI LER. ITEM NO.
 *CORRECTED BY
 *ADDITION BY
 ELEVATION
 DEPTH TO **62'**
 Sy 17-73 JP

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.
ANN ARBOR WELL DRILLING CO. 36
 REGISTERED BUSINESS NAME REGISTRATION NO.

Address **1393 KNIGHT RD. ANN ARBOR**

Signed **Russell Crife** Date **2-15-74**
 AUTHORIZED REPRESENTATIVE



3
SEP 06 1979

WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

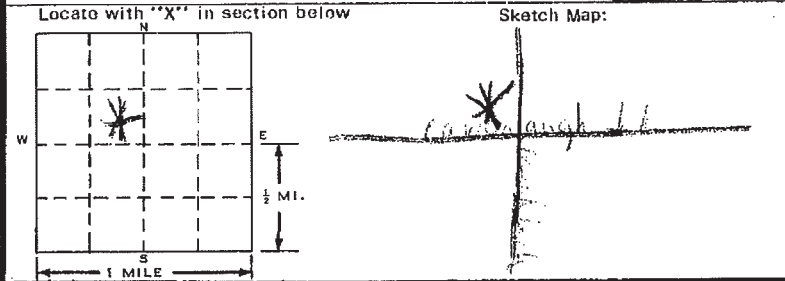
SE NW

1 LOCATION OF WELL

County <i>Washtenaw</i>	Township Name <i>Argos</i>	Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	Section Number <i>7</i>	Town Number <i>2 N.S.</i>	Range Number <i>9 E/W</i>
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Distance And Direction from Road Intersections
NE corner of Mushbach & Cavanaugh Rd at 4224

Street address & City of Well Location



3 OWNER OF WELL:
Address
*R. Bauer
4224 Mushbach Rd
Chelsea, Mich*

4 WELL DEPTH: (completed) Date of Completion
118 ft. 12/24/78

5 Cable tool Rotary Driven Dug
 Hollow rod Jetted Bored

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

7 CASING: Threaded Welded
Diam. _____ Height: Above/Below Surface *1* ft.
Weight *11* lbs./ft.
Drive Shoe? Yes No

2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<i>SAND</i>	<i>0</i>	<i>45</i>
<i>Sandy Clay</i>	<i>25</i>	<i>70</i>
<i>mud</i>	<i>19</i>	<i>89</i>
<i>Clay</i>	<i>3</i>	<i>92</i>
<i>Sandy Clay</i>	<i>12</i>	<i>104</i>
<i>Rock</i>	<i>14</i>	<i>118</i>

8 SCREEN:
Type: ~~Screen~~ Dia.: *Rock well*
Slot/Cause _____ Length *Open hole*
Set between *114* ft. and *118* ft.
Fittings: *3" plug, K-Pack*

9 STATIC WATER LEVEL
40 ft. below land surface

10 PUMPING LEVEL below land surface
46 ft. after *2* hrs. pumping *12* g.p.m.
47 ft. after *2* hrs. pumping *12* 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 Mud
Depth: From *all* ft. to *all* ft.

14 Nearest Source of possible contamination
30 feet *W* Direction *Septic Tank* Type _____
Well disinfected upon completion Yes No

15 PUMP: Not installed
Manufacturer's Name *Red Jacket*
Model Number *50BC* HP *1/2* Volts *230*
Length of Drop Pipe *30* ft. capacity _____ G.P.M.
Type: Submersible Jet Reciprocating

16 Remarks: *ADDITION BY SOURCE OF DATA, etc.*
ADDITION BY *dtc*
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.
Chris Carter Well Drilling 1290
REGISTERED BUSINESS NAME _____ REGISTRATION NO. _____
Address *7015 Jay Rd Dexter 48730*
Signed *Chris Carter* Date *1/29/79*
AUTHORIZED REPRESENTATIVE

WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL		County <u>Wash</u> Twp. <u>Sylvan</u>		Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	Section No. <u>7</u>	Town <u>2 N.W.S.</u>	Range <u>3 E.W.</u>
Distance And Direction from Road Intersections <u>CORNER OF LOVELAND + CLAVANAUGH LK RD. (SE CORNER)</u>				OWNER No. _____			
Street address & City of Well Location <u>4115 LOVELAND</u>				3 OWNER OF WELL: <u>CHARLES YOUNG</u> Address <u>4115 LOVELAND RD</u> <u>CHELSEA MICH.</u>			
2 FORMATION		THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	4 WELL DEPTH: (completed) <u>67</u> ft. Date of Completion _____			
<u>SAND MIXED WITH CLAY</u>		<u>11</u>	<u>11</u>	5 <input checked="" type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> _____			
<u>FINE SAND</u>		<u>49</u>	<u>60</u>	6 USE: <input 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>GRAVEL</u>		<u>78</u>	<u>67</u>	7 CASING: Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Diam. <u>4</u> in. to <u>63</u> ft. Depth _____ Height: Above/Below surface <u>1</u> ft. Weight <u>11</u> lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
				8 SCREEN: Type: <u>WW Cork</u> Dia.: <u>3 3/4</u> Slot/Groove <u>35</u> Length <u>4'</u> Set between <u>63</u> ft. and <u>67</u> ft. Fittings: <u>packer & plug</u>			
				9 STATIC WATER LEVEL <u>24</u> ft. below land surface			
				10 PUMPING LEVEL below land surface <u>24</u> ft. after <u>2</u> hrs. pumping <u>20</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 type="checkbox"/> Pitless Adapter <input 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>100</u> feet <u>S</u> Direction <u>Septic</u> Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
				15 PUMP: Manufacturer's Name _____ Model Number _____ HP _____ Length of Drop Pipe _____ ft. capacity _____ G.P.M. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> _____ <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating			
16 Remarks, elevation, source of data, etc. <u>Hill Top Plumbing</u> <u>CHELSEA INSTALLING</u> <u>Pump</u>				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>Cibley Drilling Co.</u> <u>0524</u> REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>4690 Dexter Parkway Ed</u> Signed <u>Jackie A. Clark</u> Date <u>7-24-67</u> (AUTHORIZED REPRESENTATIVE)			

WATER WELL AND PUMP RECORD

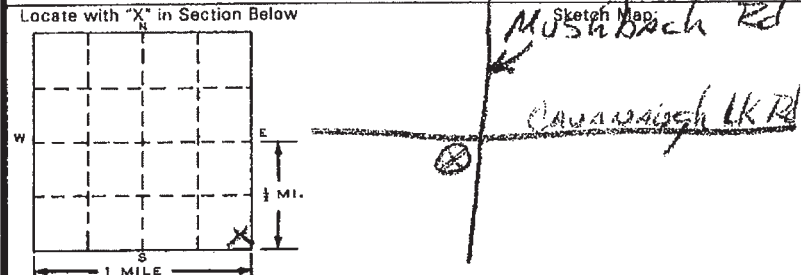
SY 138 86W PERMIT NUMBER

1 LOCATION OF WELL

County Washtenaw Township Name Sylvan Fraction SE 1/4 SE 1/4 SE 1/4 Section Number 7 Town Number 2 S Range Number 3 E

Distance And Direction From Road Intersection
15919 Mushbach Rd.
Chelsea, MI 48118

Street Address & City of Well Location



3 OWNER OF WELL: Sunset Bldg. Co.
 Address 5212 Jackson Ann Arbor, MI 48103
 Address Same As Well Location? Yes No

4 WELL DEPTH: 129 FT. Date Completed 10/21/88 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 5 1/4 in. to 10 1/2 ft. depth
 Steel Threaded Height: Above/Below Surface 1 ft.
 Plastic Welded Weight SDR 21 lbs./ft.
 Grooved Drill Hole Diameter 8 in. to 10 ft. depth Drive Shoe Yes No

2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM
<u>Sand Gravel</u>	<u>30</u>	<u>30</u>
<u>Gravel Sand</u>	<u>15</u>	<u>45</u>
<u>Sand (fine)</u>	<u>25</u>	<u>70</u>
<u>Sandy Gray Clay</u>	<u>25</u>	<u>95</u>
<u>Slime rock</u>	<u>12</u>	<u>107</u>
<u>Sand rock</u>	<u>2</u>	<u>109</u>
<u>Slime rock</u>	<u>9</u>	<u>118</u>
<u>Sand rock</u>	<u>2</u>	<u>120</u>
<u>Slime rock</u>	<u>5</u>	<u>125</u>
<u>Sand rock</u>	<u>4</u>	<u>129</u>

8 SCREEN: Not Installed
 Type _____ Diameter _____
 Slot/Gauze _____ Length _____
 Set between _____ ft. and _____ ft.
 FITTINGS: K-Packer Lead Packer Bremer Check
 Blank above screen _____ ft. Other _____

9 STATIC WATER LEVEL: 28 ft. below land surface Flow

10 PUMPING LEVEL: below land surface
28 ft. after 2 hrs. pumping at 12 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 0 to 120 ft.
 Neat cement Bentonite Other _____
 No. of bags of cement _____ Additives _____

13 Nearest source of possible contamination
 Type Septic Distance 100 ft. Direction SW
 Well disinfected upon completion? Yes No
 Was old well plugged? Yes No

14 PUMP: Not Installed Pump Installation Only
 Manufacturer's name Sea Jacket
 Model number 50ENWT-4V98C 12 220 Volts
 Length of Drop Pipe 45 ft. capacity 12 G.P.M.
 TYPE: Submersible Jet
 PRESSURE TANK: Manufacturer's name Am Trul
 Model number 203 Capacity 9.9 Gallons

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

17. Rig Operator's Name: Darryl Clark - Rust Logging

16. WATER WELL CONTRACTOR'S CERTIFICATION:
 I was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
810524
Cribley Drilling Co., Inc.
 REGISTERED BUSINESS NAME REGISTRATION NO.
 Address 1300 Porter, Chelsea, MI 48118
 Signed Darryl Clark Date 10/21/88
 AUTHORIZED REPRESENTATIVE

WATER WELL AND PUMP RECORD

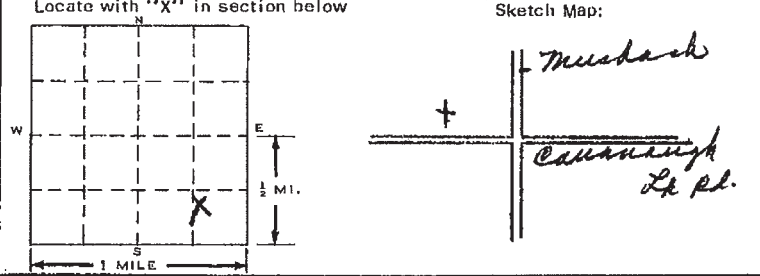
1 LOCATION OF WELL												
County WASHTENAW		Township Name SYLVAN		Fraction 1/4 1/4 1/4		Section Number 7		Town Number 2 NO		Range Number 3 NW		
Distance And Direction From Road Intersection				3 OWNER OF WELL: KEN WRIGHT. Address 4260 MUSHBACK CHELSEA MI. Address Same As Well Location? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
Street Address & City of Well Location				4 WELL DEPTH: 97 FT.		Date Completed MO. 7 DAY 21 YEAR 80		<input type="checkbox"/> New Well <input type="checkbox"/> Replacement Well				
Locate with "X" in Section Below				Sketch Map:		5 <input checked="" type="checkbox"/> Cable tool <input 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: <input checked="" type="checkbox"/> Steel <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Plastic <input type="checkbox"/> Welded		Height: Above/Below Surface 1 ft. Weight 11 lbs./ft.				
						4 in. to 90 ft. depth		Drive Shoe <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
2 FORMATION DESCRIPTION				THICKNESS OF STRATUM		DEPTH TO BOTTOM OF STRATUM		8 SCREEN: <input type="checkbox"/> Not Installed Type ROCK WELL Diameter _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. FITTINGS: <input type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen _____ ft. Other _____				
BR CLAY-GRAVEL				26		26						
BLUE CLAY				62		88						
MUDDY GRAVEL				2		90						
GREY SHALE				7		97						
								9 STATIC WATER LEVEL: 31 ft. below land surface <input type="checkbox"/> Flow				
								10 PUMPING LEVEL: below land surface 7 ft. after 3 hrs. pumping at 35 G.P.M. _____ ft. after _____ hrs. pumping at _____ G.P.M. VACUUM PUMPED				
								11 WELL HEAD COMPLETION: <input checked="" 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"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Other _____ No. of bags of cement _____ Additives _____				
								13 Nearest source of possible contamination Type FIELD Distance W ft. Direction 100° 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 BOULDS Model number 11-E-1 HP 3/4 Volts 230 Length of Drop Pipe 63 ft. capacity 15 G.P.M. TYPE <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet _____ PRESSURE TANK: Manufacturer's name WELL-X TROLL Model number WX-250 Capacity 80 Gallons				
USE A 2ND SHEET IF NEEDED												
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. Goff's SON WELL DRILL 657 REGISTERED BUSINESS NAME REGISTRATION NO. Address WHITMORE LK. MI. Signed Charles Goff Date 11-11-88 AUTHORIZED REPRESENTATIVE				
17. Rig Operator's Name: C. Goff												

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WATER WELL RECORD
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL					
County Washtenaw	Township Name Sylvan	Fraction NW 1/4 SE 1/4	Section Number 7	Town Number T2S N/S.	Range Number R3E E/W.
Distance And Direction from Road Intersections 1/5 mi W Mushbach & Cavanaugh Lake Road			3 OWNER OF WELL: Bruce Grossman		
Street address & City of Well Location Cavanaugh Lake Road (15700)			Address 1726 Hamlet Ypsilanti, Michigan 48197		
Locate with "X" in section below 			4 WELL DEPTH: (completed) Date of Completion 66 ft. 6/12/79		
2 FORMATION			5 <input checked="" type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug		
			6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry		
THICKNESS OF STRATUM			7 CASING: Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Height: Above Surface 2 ft.		
			8 SCREEN: Type: stainless Dia.: 4" Slot/Gauze .010 Length 4' Set between 63 ft. and 66 ft. Fittings: plug, seal and riser		
DEPTH TO BOTTOM OF STRATUM			9 STATIC WATER LEVEL 25 ft. below land surface		
			10 PUMPING LEVEL below land surface 50 ft. after 1 hrs. pumping 30 g.p.m.		
Sand and gravel			11 WATER QUALITY in Parts Per Million: Iron (Fe) _____ Chlorides (Cl) _____		
			12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade		
			13 Well Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
			14 Nearest Source of possible contamination 50 feet W Direction s tanks Type _____		
			15 PUMP: <input type="checkbox"/> Not installed		
			16 Remarks, elevation, source of data, etc. Permit S/4-79 Sy4-79		
ADDED INFO BY DRILLER, ITEM NO CORRECTED BY ADDITION BY dlc ELEVATION DEPTH TO ROCK 2ND SHEET IF NEAR			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. Fox Brothers Drillers, Inc. 167 REGISTERED BUSINESS NAME REGISTRATION NO. Address 6655 Brooklyn Rd., Jackson, Michigan 49201		
			Signed R. Melville Date 8/17/79 AUTHORIZED REPRESENTATIVE		