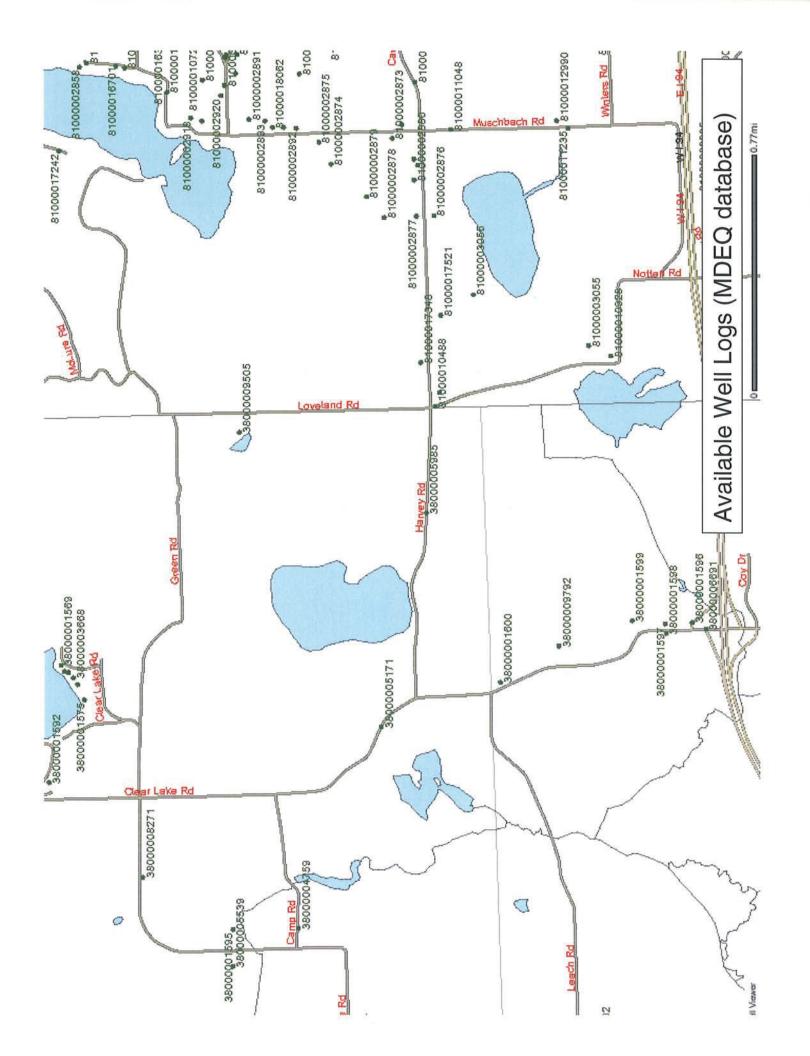
Appendix 2





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

Failure to comply is a misdemeanor.

| Well ID: 81000017521 | | Failure to o | comply is a mis | sdemeanor. | | |
|---|------------|------------------------------|-----------------|------------------------|-----------------------|---------------------|
| Tax No: | Permit No: | 06 00243 | County: | Washtenaw | Towns | hip: Sylvan |
| 100000000000000000000000000000000000000 | | Fraction: U¼ U¼ U¼ | Section: | Town/Range: 02S 03E | WSSN: | Source ID/Well No: |
| Well ID: 8100001 | 7521 | Distance and Direc | tion from Ro | ad Intersection: | | |
| Elevation: | | | | | | |
| | | Well Owner: Sand | y & Randy Sei | | | |
| Latitude: 42.30948 | | Well Address: | | | Address: | |
| Longitude: -84.12546 | | 15311 CAVANAUG CHELSEA MI | H LAKE | | CAVANAUC S LAKE MI | GH LAKE RD 49240 |

| Drilling Method: Rotary | - Los | Pump Installed: Yes | Pump Instal | lation only: | No. |
|---|--|--|-----------------|------------------|--------------------|
| Well Depth: 82.00 ft. | Well Use: Household | Pump Installation date: | HP: 1.00 | | |
| Well Type: New | Date Completed: 9/25/2006 | Manufacturer: Aermotor | Pump Type: | Submersible | |
| Casing Type: PVC plastic | - Automatical Control of the Control | Model Number: T20100230 | | city: 20.00 G | |
| Casing Joint: Unknown | | Length of Drop Pipe: 60.00 ft. | ld of Well: | J., 20.00 0 | |
| Diameter: 5.00 | in. to 64.00 ft. depth | Diameter of Drop Pipe: 1.25 in. | ia or won. | | |
| | | Draw Down Seal Used: No | | | |
| B | 1- 00 00 th domb | | | | |
| Bore Diameter 1: 9.00 in. | to 82.00 it. depth | Pressure Tank Installed: Yes | | | |
| Bore Diameter 2: Bore Diameter 3: | | Pressure Tank Type: Diaphragm/blade | der | | |
| Height: 3.00 ft. above gra | de | Manufacturer: Well-Rite-Flexcon | | | |
| Casing Fitting: None | | Model Number: WR200 | Tank | Capacity: 62 | Gallons |
| Julius Commission | | Pressure Relief Valve Installed : No | | | |
| Static Water Level: 37.00 Yield Test Method: Air | ft. Below Grade(Not Flowing) | Formation Description | | Thickness | Depth to Bottom |
| Measurement Taken Duri | na Pump Test: | Yellow Sand | | 28.00 | 28.00 |
| 82.00 ft. after 2.00 hrs. p | • . | Sand Fine | | 19.00 | 47.00 |
| 02.00 it. aitor 2.00 illo. p | and a control of the | Sand Medium | | 28.00 | 75.00 |
| | | Clay Sandy | | 7.00 | 82.00 |
| Abandanad Wall Diverse | i. No | Olay Sariuy | | 7.00 | 02.00 |
| Abandoned Well Plugged | · · | | | | |
| Reason for not plugging | weii: | | | ļ | |
| Abandoned well ID: | | | | | |
| Screen Installed: Yes | Well Intake: | | | | |
| Filter Packed: Yes | | | | | |
| Screen Diameter: 5.00 in | | | | | |
| Screen Material Type: P\ | | | | | |
| Slot: 12.00 in. Set Between | en 64.00 ft. and 74.00 ft. | | | | |
| Blank: | | | | | |
| Fittings: | | | | | |
| Unknown | | | | } | |
| Well Grouted: Yes Grou | utina Method: Unknown | | | | |
| No. of Bags: 6 | Additives: None | Geology Remarks: | | | |
| Grouting Materials: | | | | | |
| Bentonite slurry | From 0.00 ft. to 64.00 ft. | | | | |
| bentonite sturry | 1 10111 0.00 11. 10 04.00 11. | | | | |
| | D | | | | |
| Well Head Completion: | Pitless adapter | Contractor Type: Water well drilling co | ntractor | | |
| | | Registration Number: 2014 | | | |
| Nearest source of possib | le contamination: | Business Name: CRIBLEY DRLG CO | | | |
| Type | Distance Direction | Business Address: | | | |
| Septic tank | 150.00 ft. Northeast | WATER WELL CONTRA | CTOR'S CERT | IFICATION: | |
| | | This well was drilled under my supervisi | on and this rep | ort is true to t | he best of |
| | | my knowledge and belief. | | | |
| Drilling Machine Operato | r Name: KURT WING | | | | |
| Employment: Employee | | | | | |
| Well Pump Installer Nam | e: DAN ROWE | Signature of Registered Contractor | Date | | |
| General Remarks: 800# S | SAND PACK | | | | |
| OTHER REMARKS | | | | | |
| EOP 2017C (2/2000) | | ELL OWNED EU EWITH DEED | 7 | 12/ | 7/2006 09:35 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

12/7/2006 09:35



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

Failure to comply is a misdemeanor.

| **CII ID. 01000017040 | | | | | | |
|-----------------------|--------------|--------------------------------|-----------|------------------------|--------------------------|--------------------|
| Tax No: 06-07-300-027 | Permit No: 2 | 2006-257 | County: \ | Nashtenaw | Towns | hip: Sylvan |
| | | Fraction: | Section: | Town/Range: 02S 03E | WSSN: | Source ID/Well No: |
| Well ID: 81000 | 017348 | | | | 4 MILE EAS | T OF LOWELAND AND |
| Elevation: | | Well Owner: Diar | no Healy | | | |
| Latitude: 42.31048 | | Well Address: | | 1 | Address: | |
| Longitude: -84.12845 | | 15250 CAVANAL CHELSEA MI 48 | | | DANA POINT (NEY MI 48 | |
| | | | | | | |

| Drilling Method: Rotary | | Pump Installed: Yes | • | allation only | : No |
|---|--|---|------------------|---------------|--------------------|
| Well Depth: 81.00 ft. | Well Use: Household | Pump Installation date: 8/25/2006 | HP : 1.00 | | |
| Well Type: New | Date Completed: 8/6/2006 | Manufacturer: Fairbanks-Morse | | e: Submersib | |
| Casing Type: PVC plastic | | Model Number: 18R102-18 | | pacity: 18.00 | GPM |
| Casing Joint: Welded Diameter: 5.00 i | n. to 71.00 ft. depth | Length of Drop Pipe: 68.00 ft. | ld of Well: | | |
| Diameter. 5.00 | 11. to 71.00 it. depth | Diameter of Drop Pipe: 1.00 in. | | | |
| | | Draw Down Seal Used: No | | | |
| Bore Diameter 1: 8.75 in. | to 81.00 ft. depth | Pressure Tank Installed: Yes | | | |
| Bore Diameter 2: | | Pressure Tank Type: Diaphragm/bladder | | | |
| Bore Diameter 3: | 1- | Manufacturer: Champion | | | |
| Height: 1.00 ft. above grad Casing Fitting: None | ie . | Model Number: CM12051 | Tank | Capacity: 62 | 2 Gallons |
| Casing Fitting: None | | Pressure Relief Valve Installed: Yes | | | |
| Static Water Level: 41.00 Yield Test Method: Air | ft. Below Grade(Not Flowing) | Formation Description | | Thickness | Depth to Bottom |
| Measurement Taken Durir | ng Pump Test | Gravel Very Coarse | | 32.00 | 32.00 |
| 41.00 ft. after 2.00 hrs. po | | Brown Clay | | 3.00 | 35.00 |
| 71.00 II. alter 2.00 IIIS. pt | amping at 00.00 Gr W | Brown Sand & Gravel | | 28.00 | 63.00 |
| | | Gray Sand Fine | | 18.00 | 81.00 |
| Abandoned Well Plugged | · No | Cital Canal | | | |
| Reason for not plugging \ | | | | | |
| Abandoned well ID: | | | | | |
| Screen Installed: Yes | Well Intake: | | | | |
| Filter Packed: Yes | Well Illiano. | | | | |
| Screen Diameter: 5.00 in. | Length: 10.00 ft. | | | | |
| Screen Material Type: PV | • | | | | |
| Slot: 10.00 in. Set Between | | | | | |
| Blank: | | | | | |
| Fittings: | | | | | |
| None | | 1.000 | | | |
| Well Grouted: Yes Grou | ting Method: Grout pipe outside casing | | | | |
| No. of Bags: 7 | Additives: None | Geology Remarks: | | | |
| Grouting Materials: | radition itolio | 1 | | | |
| Bentonite slurry | From 0.00 ft. to 70.00 ft. | | | | |
| Demonite starry | | | | | |
| Well Head Completion: | 12 inches above grade | | | | |
| | . | Contractor Type: Water well drilling contra | actor | | |
| | | Registration Number: 1924 | | | |
| Nearest source of possible | | Business Name: Keller Well Drilling, Inc. Business Address: 3766 Noble Dr., Brigh | nton MI 491 | 16 | |
| Туре | Distance Direction | | | | |
| None | | WATER WELL CONTRACTOR This well was drilled under my supervision my knowledge and belief. | | | he best of |
| Drilling Machine Operator | Name: BRIAN KELLER | Tilly killowiedge alld belief. | | | |
| Employment: Employee | | | | | |
| Well Pump Installer Name | : RODNEY SINDLINGER | Signature of Registered Contractor | Date | | |
| General Remarks: | | | | | |
| OTHER REMARKS | | | | | |
| OP 2017C (2/2000) | | OWNED, EU E WITH DEED | | 9/12 | 2/2006 09 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

9/12/2006 09:20



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

Failure to comply is a misdemeanor.

| Well ID: 81000010928 | | Failure to co | omply is a mi | sdemeanor. | | |
|-------------------------|--------------|-------------------------------------|----------------|------------------------|------------|--------------------|
| Tax No: | Permit No: (| 01 05 665 | County: | Washtenaw | Towns | hip: Sylvan |
| | | Fraction: SW1/4 SE1/4 NW1/4 | Section: 18 | Town/Range: 02S 03E | WSSN: | Source ID/Well No: |
| Well ID: 8100001 | 0928 | Distance and Direct | tion from Ro | ad Intersection: | | |
| Elevation: | | W 11 0 Time K | .11 | | | |
| Latitude: 42.30146017 | | Well Owner: Tim Ke Well Address: | elley | Owner | Address: | |
| | | 3699 Notten | | 3699 | | |
| Longitude: -84.12829721 | | Grass Lake MI 4924 | 40 | | Lake MI 49 | 9240 |

| Drilling Method: Rotary | Pump Installed: Yes | Pump Installa | tion only: No |) |
|---|--------------------------------------|---------------------|-------------------|--------------|
| Well Depth: 128.00 ft. Well Use: Household | Pump Installation date: | HP: Unknown | - | |
| Well Type: Replacement Date Completed: 12/18/2001 | Manufacturer: Red Jacket | Pump Type: | Jnknown | |
| Casing Type: PVC plastic | Model Number: | Pump Capaci | | |
| Casing Joint: Unknown | Length of Drop Pipe: | ld of Well: | • | |
| Diameter: 5.00 in. to 104.00 ft. depth | 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 : N | | Capacity : 10 | .o dallons |
| | Pressure neller valve installed . IV | 10 | 1 | Depth to |
| Static Water Level: 20.00 ft. Below Grade(Not Flowing) | Formation Description | on | Thickness | Bottom |
| Yield Test Method: Air | Sand | | 42.00 | 42.00 |
| Measurement Taken During Pump Test: | | | 14.00 | 56.00 |
| 29.00 ft. after 2.00 hrs. pumping at 12.00 GPM | Clay Sandy | | | |
| 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: | | | | |
| Screen Diameter: Length: | | | | |
| Screen Material Type: | | | 1 | |
| Slot: | | | | |
| Blank: | | | | |
| Fittings: | | | | |
| | 200 | | | |
| Well Grouted: Yes Grouting Method: Unknown | | | | |
| No. of Bags: 9 Additives: None | Geology Remarks: | | | |
| | , | | | |
| Grouting Materials: Rentonite slurry From 0.00 ft. to 104.00 ft. | | | | |
| Bentonite slurry From 0.00 ft. to 104.00 ft. | | | | |
| Mall Hand Committee Philosopedantes | | | | |
| Well Head Completion: Pitless adapter | Contractor Type: Water well drilling | contractor | | |
| | Registration Number: 2014 | , | | |
| Nearest source of possible contamination: | Business Name: Cribley Drilling Co | | | |
| Type Distance Direction | Business Address: | | | |
| Septic tank 100.00 ft. West | WATER WELL CONT | | | |
| | This well was drilled under my super | vision and this rep | oort is true to t | he best of |
| | my knowledge and belief. | | | |
| Drilling Machine Operator Name: Kurt Wing | | | | |
| Employment: Unknown | Signature of Registered Contracto | r Date | | |
| General Remarks: abandoned old well 5 | | | | |
| OTHER REMARKS | | | | |
| | LL OWNER, EU E WITH REER | | 5/ | 2/2002 13:00 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

5/2/2002 13:00



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

| Well ID: 81000010928 | | Failure to co | omply is a mi | sdemeanor. | | |
|-------------------------|--------------|----------------------------------|----------------|------------------------|----------------------|---------------------|
| Tax No: | Permit No: 0 | 1 05 665 | County: | Washtenaw | Towns | hip : Sylvan |
| | | Fraction: SW¼ SE¼ NW¼ | Section: 18 | Town/Range: 02S 03E | WSSN: | Source ID/Well No: |
| Well ID: 8100001 | 0928 | Distance and Direct | ion from Ro | ad Intersection: | · | |
| Elevation: | | | | | | |
| l | | Well Owner: Tim Ke | elley | | | |
| Latitude: 42.30146017 | | Well Address: | | | Address: | |
| Longitude: -84.12829721 | | 3699 Notten Grass Lake MI 492 | 40 | | Notten Lake MI 49 | 9240 |

| Drilling Method: Rotary | Pump Installed: Yes | Pump Installa | tion only: No |) |
|---|---|---------------|---------------|--------------------|
| Well Depth: 128.00 ft. Well Use: Household | Pump Installation date: | HP: Unknown | don only. | |
| Well Type: Replacement Date Completed: 12/18/2001 | Manufacturer: Red Jacket | Pump Type: U | Inknown | |
| Casing Type: PVC plastic | Model Number: | Pump Capacit | | |
| Casing Joint: Unknown | Length of Drop Pipe: | ld of Well: | · y · | |
| Diameter: 5.00 in. to 104.00 ft. depth | Diameter of Drop Pipe: | id of Well. | | |
| | Draw Down Seal Used: No | | | |
| Bore Diameter 1: 9.00 in. to 104.00 ft. depth | Pressure Tank Installed: Yes | | | |
| Bore Diameter 1: 9.00 iii. to 104.00 it. depth | | | | |
| Bore Diameter 3: | Pressure Tank Type: Unknown | | | |
| Height: 2.00 ft. above grade | Manufacturer: Amtrol | | | 0.0-11 |
| Casing Fitting: None | Model Number: WX203 | i ank (| Capacity: 10 | .8 Gallons |
| | Pressure Relief Valve Installed : No | | | |
| Static Water Level: 20.00 ft. Below Grade(Not Flowing) | Formation Description | 1 | Thickness | Depth to Bottom |
| Yield Test Method: Air | | | 40.00 | |
| 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 |
| | Ganasions | | | |
| Screen Installed: No Well Intake: Bedrock Well Filter Packed: | | | | |
| Screen Diameter: Length: | | | | |
| Screen Material Type: | | | | |
| Slot: | | | | |
| Blank: | | | | |
| Fittings: | | | | |
| | | | | |
| Well Grouted: Yes Grouting Method: Unknown | 7 | | | |
| No. of Bags: 9 Additives: None | Geology Remarks: | | | |
| | accing, manner | | | |
| Grouting Materials: Rentonite sturry From 0.00 ft. to 104.00 ft. | | | | |
| Bentonite slurry From 0.00 ft. to 104.00 ft. | | | | |
| | | | | |
| Well Head Completion: Pitless adapter | Contractor Type: Water well drilling of | ontractor | | |
| | Registration Number: 2014 | onitacio | | |
| Nearest source of possible contamination: | Business Name: Cribley Drilling Co. | | | |
| Type Distance Direction | Business Address: | | | |
| Septic tank 100.00 ft. West | WATER WELL CONTRA | ACTOR'S CERT | IFICATION: | |
| | This well was drilled under my supervis | | | he best of |
| | my knowledge and belief. | | | |
| Drilling Machine Operator Name: Kurt Wing | | | | |
| Employment: Unknown | Signature of Registered Contractor | Date | | |
| General Remarks: abandoned old well 5 | | | | |
| OTHER REMARKS | | | | |
| | L OWNED, EILE WITH DEED | | 5/2 | 2/2002 13:00 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

5/2/2002 13:00



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

Well ID: 81000002882

Failure to comply is a misdemeanor.

Import ID: 81727307010

| Tax No: 810607300003 | Permit No: | | County: W | /ashtenaw | Townshi | p: Sylvan |
|----------------------------|------------|--------------------|--------------|---------------------|--------------|--------------------|
| | | Fraction: | Section: | Town/Range: | WSSN: | Source ID/Well No: |
| | | SW¼ SW¼ SW¼ | 7 | 02S 03E | | |
| Well ID: 8100000 | 2002 | | on from Road | d Intersection: 300 |), E OL TOAE | LAND RD, 125' S OF |
| i well ib. o loodoo | 2002 | CAVANAUGH LK RD. | | | | |
| Elevation: 989 ft | | 1 | | | | |
| Elevation: 969 It | | Well Owner: Young, | Charles | | | |
| Latitude: 42.3096373249 | | | Charles | Owner / | Addrose: | |
| Editado: 42.0000070210 | | Well Address: | | | OVELAND RE | |
| Longitude: -84.1303828286 | | 4115 LOVELAND RD | | | | |
| 20119112201 0 111000000000 | | CHELSEA MI 48118 | | CHELS | EA MI 4811 | 0 |
| | | 1 | | | | |

| Drilling Method: Cable To | ol | Pump Installed: No | Pump Installat | ion only: No | |
|----------------------------------|------------------------------|------------------------------------|-----------------------|-------------------|--------------------|
| Well Depth: 67.00 ft. | Well Use: Household | Pump Installation date: | HP: | | |
| Well Type: New | Date Completed: | Manufacturer: | Pump Type: | | |
| Casing Type: Unknown | | Model Number: | Pump Capacit | v: | |
| Casing Joint: Threaded & | | Length of Drop Pipe: | ld of Well: | • | |
| Diameter: 4.00 in. to 63. | 00 ft. depth | Diameter of Drop Pipe: | | | |
| | | Draw Down Seal Used: No | | | |
| Bore Diameter 1: | | Pressure Tank Installed: No | | | |
| Bore Diameter 2: | | Pressure Tank Type: | | | |
| Bore Diameter 3: | | 71 | | | |
| Height: 1.00 ft. above grad | de | Manufacturer: | Ton | k Capacity : | Gallone |
| Casing Fitting: Drive s | hoe | Model Number : | | ik Capacity. | Ganons |
| | | Pressure Relief Valve Installed : | INO | 1 | Danth to |
| | ft. Below Grade(Not Flowing) | Formation Descrip | otion | Thickness | Depth to Bottom |
| Yield Test Method: Unknow | wn | | | 11.00 | |
| Measurement Taken Duri | | Sand W/Clay | | 11.00 | 11.00 |
| 24.00 ft. after 2.00 hrs. p | umping at 20.00 GPM | Sand Fine | | 49.00 | 60.00 |
| | | Gravel | | 7.00 | 67.00 |
| | | | | | |
| Abandoned Well Plugged | | | | | |
| Reason for not plugging \ | Well: | | | | |
| Abandoned well ID: | | | | | |
| Screen Installed: Yes | Well Intake: | | | | |
| Filter Packed: No | | | | | |
| Screen Diameter: 3.75 in. | Length: 4.00 ft. | | | | |
| Screen Material Type: | • | | | | |
| Slot: 20.00 in. Set Between | en 63.00 ft. and 67.00 ft. | | | | |
| Blank: 0.00 ft. Above | | | | | |
| Fittings: | | | | | |
| Neoprene packer | | | | | |
| Well Grouted: No Grout | ing Mothod: | | | | |
| | • | Geology Remarks: 1. [SAND MIX | (ED WITH CLAY) [1 | 11[11]2 [FIN | F SANDI |
| No. of Bags: | Additives: | [60] [49] 3. [GRAVEL] [67] [7] | KED WITH CERTIF | .,[] [| |
| Grouting Materials: | | [55][15] 5. [5 = 1][5.][7.] | | | |
| | | | | | |
| | | | | | |
| l | Hall a server | | | | |
| Well Head Completion: | Unknown | Contractor Type: Unknown | | | |
| | | Registration Number: 524 | | | |
| Nearest source of possib | le contamination: | Business Name: | | | |
| Туре | Distance Direction | Business Address: | | | |
| Septic tank | 100.00 ft. South | WATER WELL CON | TRACTOR'S CER | TIFICATION: | |
| | | This well was drilled under my sup | ervision and this rep | oort is true to t | he best of |
| | | my knowledge and belief. | | | |
| Drilling Machine Operator | r Name: | | | | |
| Employment: Unknown | | | | | |
| | | Signature of Registered Contrac | tor Date | | |
| | OP PLUMBING CHELSEA INSTALL | ING PUMP | | | |
| OTHER REMARKS | | | | | |
| EOD 2017C (2/2000) | | | | 2/11 | 3/2000 21:05 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

2/18/2000 21:05



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

Failure to comply is a misdemeanor.

Well ID: 38000009792 Permit No: 14789 County: Jackson Township: Grass Lake Tax No: Source ID/Well No: Fraction: Section: Town/Range: WSSN: 1/4 1/4 1/4 13 02S 02E Distance and Direction from Road Intersection: 1/8 mile south of Leach Rd on the east side of Clear Lake Rd. Well ID: 38000009792 Elevation: 1041 ft Well Owner: David And Tammy Wahl Latitude: 42.30422 Owner Address: Well Address: 4797 Clear Lake Rd 4797 Clear Lake Rd Longitude: -84.14669 Grass Lake Mi 49240 Grass Lake MI 49240

| Drilling Method: Rotary | | Pump Installed: Yes | Pump Ins | tallation only | r: 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 Ty | pe: Submersi | ible |
| Casing Type: PVC plastic | | Model Number: 23050K2 | Pump Ca | pacity: 10.00 | GPM |
| Casing Joint: Solvent weld | | Length of Drop Pipe: 65.00 ft. | ld of Well | I: | |
| Diameter: 5.00 ir | n. 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. | | Pressure Tank Type: Diaphragm/bladder | | | |
| Bore Diameter 3: | | Manufacturer: Well-Rite-Flexcon | | | |
| Height: 1.00 ft. above grad | | Model Number: WR100 | Tank | Capacity: 32 | 2 Gallons |
| Casing Fitting: Shale p | acker/trap | Pressure Relief Valve Installed : Yes | | | |
| Static Water Level: 40.00 Yield Test Method: Air | ft. Below Grade(Not Flowing) | Formation Description | | Thickness | Depth to Bottom |
| Measurement Taken Durir | na Pump Test: | Brown Sand W/Clay | | 13.00 | 13.00 |
| 70.00 ft. after 3.00 hrs. pu | • | Brown Sand & Gravel | | 40.00 | 53.00 |
| | | Gray Sand & Gravel | | 21.00 | 74.00 |
| | | Gray Sandstone W/Shale | | 2.00 | 76.00 |
| Abandoned Well Plugged: | No | Gray Clay | | 14.00 | 90.00 |
| Reason for not plugging V | | Gray Clay Sandy | | 61.00 | 151.00 |
| 1 | | Gray Sandstone | | 8.00 | 159.00 |
| Abandoned well ID: | M-H1-L-L- D-d-d-d-M-H | Green Shale W/Sandstone | | 8.00 | 167.00 |
| Screen Installed: No Filter Packed: | Well Intake: Bedrock Well | Brown Limestone | | 10.00 | 177.00 |
| Screen Diameter: | Length: | | | 3.00 | 180.00 |
| Screen Material Type: | Lengui. | Gray Sandstone | | 3.00 | 180.00 |
| Slot: | | | | | |
| Blank: | | | | | |
| Fittings: | | | | | |
| | | | | | |
| Well Grouted: Yes Grou | ting Method: Grout pipe inside casing | | | | |
| No. of Bags: 18 | Additives: None | Geology Remarks: | | | |
| Grouting Materials: | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | |
| Bentonite slurry | From 0.00 ft. to 154.00 ft. | | | | |
| Domonico oldriy | | | | | |
| | | | | | |
| Well Head Completion: | 12 inches above grade, Pitless adapter | | | | |
| · | - ' | Contractor Type: Water well drilling contra | ctor | | |
| Nearest source of possible | e contamination: | Registration Number: 2033 | | | |
| | e contamination. Distance Direction | Business Name: Terry's Well Service Business Address: 2120 Bellevue Hwy. O | livet MI 40 | 076 | |
| 1.31 | 80.00 ft. East | WATER WELL CONTRACTO | | **** | |
| σοριίο talik | 00.00 n. Last | This well was drilled under my supervision a my knowledge and belief. | | | he best of |
| Drilling Machine Operator | Name: Bill Rabideau | iny kilowieuge aliu bellet. | | | |
| Employment: Employee | | | | | |
| | : B.Rabideau,C.Bramer,S.Cords | Signature of Registered Contractor | Date | | |
| General Remarks: | | | | | |
| OTHER REMARKS | | | | | |
| EO E 00 (2 (2 (2 0 0 0) | | | | 40/47 | 7/0006 07:06 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

10/17/2006 07:26



Well ID: 38000009505

WATER WELL AND PUMP RECORD

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

Failure to comply is a misdemeanor.

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

| Well Depth: 146.00 ft. Well Uses: irrigation Well Type: New Date Completed: 3/20/2006 Casing Type: PVC plastic Casing Joint: Threaded & coupled Diameter: 5.00 in. to 136.00 ft. depth Bore Diameter 1: 8.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 136.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 4: 4.50 in. to 146.00 ft. depth Bore Diameter 5: 4.50 in. to 146.00 ft. depth Bore Diameter 6 Drop Pipe: Draw Down Soal Used: No Casing Fitting: Drive shoe Static Water Level: 28.00 ft. Below Grade(Not Flowing) Yield Test Method: Test pump Measurement Taken During Pump Test: 100.00 ft. after 1.00 hrs. pumping at 40.00 GPM Brown Clay 13.00 13.00 Gray Clay 13.00 13.00 Gray Clay 11.00 72.00 Sand 6 Gravel 33.00 16.00 Gray Clay 11.00 72.00 Sand 8 Gravel 33.00 16.00 Gray Clay 11.00 72.00 Sand 8 Gravel 18.00 116.00 Gray Shale & Sandstone 30.00 146.00 Gray Gray Gray | Drilling Method: Rotary | 2000 | Pump Installed: Yes Pump | Installation only: | No |
|--|---------------------------|--|---|-------------------------|------------|
| Casing Type: PVC plastic Casing Joint: Threaded & coupled Diameter: 5.00 in. to 136.00 ft. depth Bore Diameter 1: 8.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 4: 4.50 in. to 146.00 ft. depth Bore Diameter 5: 4.50 in. to 146.00 ft. depth Bore Diameter 5: 4.50 in. to 146.00 ft. depth Bore Diameter 5: 4.50 in. to 146.00 ft. depth Bore Diameter 5: 4.50 in. to 146.00 ft. depth Bore Diameter 5: 4.50 in. to 146.00 ft. depth Bore Diameter 5: 4.50 in. to 146.00 ft. depth Bore Diameter 6: 4.50 in. to 146.00 ft. depth Bore Diameter 7: 4.50 in. to 146.00 ft. depth Bore Diameter 7: 4.50 in. to 146.00 ft. depth Bore Diameter 7: 4.50 in. to 146.00 ft. depth Bore Diameter 7: 4.50 in. to 146.00 ft. depth Bore Diameter 7: 4.50 in. to 146.00 ft. depth Bore Diameter 7: 4.50 in. to 146.00 ft. depth Bore Diameter 7: 4.50 in. to 146.00 ft. depth Bore Diameter 8: 4.50 in. to 146.00 ft. depth Bore Diameter 8: 4.50 in. to 146.00 ft. depth Bore Diameter 8: 4.50 in. to 146.00 ft. depth Bore Diameter 8: 4.50 in. to 146.00 ft. depth Bore Diameter 8: 4.50 in. to 146.00 ft. depth Bore Diameter 9: 4.50 in. to 146.00 ft. depth Bore Diameter 8: 4.50 in. to 146.00 ft. depth Bore Diameter 9: 4.50 ft. depth 8: 4.50 ft. dep | Well Depth: 146.00 ft. | Well Use: Irrigation | | 00 | |
| Casing Joint: Threaded & coupled Diameter: 5.00 in. to 136.00 ft. depth Bore Diameter: 5.00 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. depth Bore Diameter 3: 4 | Well Type: New | | | Type: Submersible | |
| Diameter: 5.00 in. to 136.00 ft. depth Bore Diameter 1: 8.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. depth Bore Diameter 3: 4.50 in. to 146.00 ft. Below Grade(Not Flowing) Pressure Fank Installed: Yes Pressure Fank Type: Diaphragm/bladder Manufacturer: Well-Markate Model Number: WM6 | Casing Type: PVC plastic | | Model Number: 1HPUSP102- Pump | Capacity: 20.00 G | iPM |
| Diameter 1: 8.50 in. to 196.00 ft. depth Bore Diameter 2: 4.50 in. to 196.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 7 type: Diaphragn/bladder Manufacturer: Well-Make Model Number: WM6 | | | Length of Drop Pipe: 60.00 ft. Id of W | /ell: | |
| Bore Diameter 1: 8.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 3: Medight 1.00 ft. above grade Casing Fitting: Drive shoe Static Water Level: 28.00 ft. Below Grade(Not Flowing) Yield Test Method: Test pump Weesurement Taken During Pump Test: 100.00 ft. after 1.00 hrs. pumping at 40.00 GPM Beason for not plugging Well: Gray Clay Abandoned Well Plugged: No Reason for not plugging Well: Gray Clay Abandoned well ID: Soreen Installed: No Soreen Installed: No Well Intake: Unknown Filter Packod: Soreen Material Type: Slot: Blank: Fittings: Well Grouted: Yes Grouting Method: Unknown No. of Bags: 7 Additives: Unknown Grouting Meterials: Neat cement From 0.00 ft. to 136.00 ft. Well Head Completion: Piltess adapter Well Head Completion: Piltess adapter Contractor Type: Water well drilling contractor Registration Number: 2272 Business Name: J&M WELL DRLG. Business Address: Water Well Contractor Scentification: This well was drilled under my supervision and this report is true to the best of my knowledge and belief. Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE General Remarks: | Diameter: 5.00 | in. to 136.00 ft. depth | | | |
| Bore Diameter 1: 8.50 in. to 136.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 3: Height: 1.00 ft. above grade Casing Fitting: Drive shoe Static Water Level: 28.00 ft. Below Grads(Not Flowing) Filed Test Method: Test pump Wiled Test Method: Test pump Brown Clay Indicativer: Well-vel installed: Yes Static Water Level: 28.00 ft. Below Grads(Not Flowing) Formation Description Thickness Bottom Brown Clay Indicative Test Pump Brown Clay Indicative Test Pump Installed: Yes Indicative Test Pump Installer Name: JAMES BOISE Pressure Tank Installed: Yes Pressure Tank Type: Diaphragm/bladder Mandacturer: Well-Mate Model Number: Wand Supplied Water Was Indicative Test Pump Installed: Yes Indicative: Yes Indicative: Well Amount Indicative: Well Pump Installed: Yes Indicative: Driving Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Pressure Tank Installed: Yes Pressure Tank Type: Diaphragm/bladder Mandacturer: Wand Type: Date Indicator: Pressure Tank Type: Date Indicator: Pressure Tank Type: Diaphragm/blader Mandacturer: Wand Type Water well drilling contractor Registration Number: 2272 Business Address: Unknown This well was drilled under my supervision and this report is true to the best of my knowledge and belief. Pressure Tank Installed: Yes Pressure Mandacturer: Wand Type Date Installed: Yes Depth Tank Capacity: 20 Gallons Tank Model Pressure Tank Installed: Yes Pressure Relief Valve Installed: Yes Beptive 20 Gallons Thickness Depth To Installed: Yes Pressure Relief Valve Installed: Yes Beptive 20 Gallons Tank Gallons Thickness Depth Tank Gallons Thickness Depth Tank Gallons Thickness T | | | 1 ' ' | | |
| Bore Diameter 2: 4.50 in. to 146.00 ft. depth Bore Diameter 3: Height 1.00 ft. above grade Casing Fitting: Drive shoe Pressure Tank Type: Diaphragm/bladder Manufacturer: Well-Mate Model Number : WM Bid Numb | Bore Diameter 1: 8.50 in | to 136.00 ft. depth | | | |
| Bore Diameter 3: Height: 1.00 ft. above grade Casing Fitting: Drive shoe Pressure Relief Valve Installed: Yes Static Water Level: 28.00 ft. Below Grade(Not Flowing) Pressure Relief Valve Installed: Yes Static Water Level: 28.00 ft. Below Grade(Not Flowing) Pressure Relief Valve Installed: Yes Formation Description Thickness Bottom Diameter 1.00 hrs. pumping at 40.00 GPM Brown Clay 13.00 13.00 13.00 13.00 13.00 10.00 ft. after 1.00 hrs. pumping at 40.00 GPM Brown Clay 15.00 28.00 Gray Clay 15.00 28.00 Gray Clay 15.00 61.00 Gray Clay 11.00 72.00 Gray Clay 11.00 72.00 Gray Clay 11.00 72.00 Gray Clay 15.00 88.00 Gray Clay 9.00 89.00 Gray Clay 9.00 98.00 Gray Clay 9.00 Gray Clay 9.00 98.00 Gray Clay 9.00 Gray Clay 9.00 Gray Clay 9.00 98.00 Gray Clay 9.00 Gray Clay | | | | | |
| Model Number: WM6 Tank Capacity: 20 Gallons Casing Fitting: Drive shoe Dressure Relief Valve Installed: Yes | Bore Diameter 3: | • | | | |
| Static Water Level: 28.00 ft. Below Grade(Not Flowing) 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 Welt: Abandoned Well IDIS Screen Installed No Filter Packed: Screen Diameter: Screen Diamete | | | | Tank Canacity : 20 | Gallons |
| Static Water Level: 28.00 ft. Below Grade(Not Flowing) Yield Test Method: Test pump Measurement Taken During Pump Test: Brown Clay 13.00 | Casing Fitting: Drive | shoe | | Tank Capacity . 2 | , dallond |
| Formation Description Thickness Bottom | Otatia Wataa Lawali 00 00 | # Bolow Crade(Not Flowing) | | | Denth to |
| Brown Clay 13.00 13.0 | | | Formation Description | Thickness | |
| 100.00 ft. after 1.00 hrs. pumping at 40.00 GPM Sand & Gravel 33.00 61.00 | | · | Brown Clay | 13.00 | 13.00 |
| Abandoned Well Plugged: No Reason for not plugging Well: Abandoned well ID: Sand (Gray Clay 11.00 72.00 Sand 17.00 89.0 Gray Clay 9.00 98.0 Sand (Gray Clay 9.00 98.0 Sand (Gr | | • . | Gray Clay | 15.00 | 28.00 |
| Abandoned Well Plugged: No Reason for not plugging Well: Abandoned well ID: Sand & Gravel Sand & Gra | | | Sand & Gravel | 33.00 | 61.00 |
| Abandoned Well Plugged: No Reason for not plugging Well: Abandoned well ID: Sand & Gray Clay Sand & Gravel Sand & | | | Gray Clay | 11.00 | 72.00 |
| Abandoned well ID: Sand & Gravel 18.00 116.00 Screen Installed: No Well Intake: Unknown Filter Packed: Screen Data Remarks: Sand & Gravel 18.00 116.00 Sand & Gravel 30.00 146.00 Gray Shale & Sandstone 30.00 146.00 Gray Shale Sandstone 30.00 Gray Shale | Abandoned Well Plugge | d: No | Sand | 17.00 | 89.00 |
| 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 Contractor Type: Water well drilling contractor Registration Number: 2272 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. Sand & Gravel Grav Shale & Sandstone 30.00 146.0 Gray Shale & Sandstone 30.00 146.0 Contractor Type: Water well drilling contractor Registration Number: 2272 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: | Reason for not plugging | Well: | Grav Clav | 9.00 | 98.00 |
| 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 Contractor Type: Water well drilling contractor Registration Number: 2272 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 bellef. General Remarks: Signature of Registered Contractor Date | Abandoned well ID: | | | 18.00 | 116.00 |
| Filter Packed: Screen Diameter: 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 Well Head Completion: Pitless adapter Contractor Type: Water well drilling contractor Registration Number: 2272 Registration Number: 2272 Registration Number: 2278 Registration Number: MATER 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: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | | Well Intake: Unknown | | 30.00 | 146.00 |
| Screen Material Type: Slot: Slot: Slot: Slot: 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 Contractor Type: Water well drilling contractor Registration Number: 2272 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. Geology Remarks: Contractor Type: Water well drilling contractor Registration Number: 2272 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 | ••••• | | | | |
| 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 Contractor Type: Water well drilling contractor Registration Number: 2272 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. Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Geology Remarks: Geology Remarks: | Screen Diameter: | Length: | | | |
| 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 Contractor Type: Water well drilling contractor Registration Number: 2272 Business Name: J&M WELL DRLG. 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. Septic tank Denivors of Possible Contractor Date Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | Screen Material Type: | | | | |
| 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 Contractor Type: Water well drilling contractor Registration Number: 2272 Business Name: J&M WELL DRLG. 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 | | | | | |
| 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 Contractor Type: Water well drilling contractor Registration Number: 2272 Business Name: J&M WELL DRLG. Business Address: Septic tank 160.00 ft. East 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: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | | | | | |
| No. of Bags: 7 Grouting Materials: Neat cement Well Head Completion: Pitless adapter Contractor Type: Water well drilling contractor Registration Number: 2272 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. Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Geology Remarks: Geology Remarks: Geology Remarks: Geology Remarks: | Fittings: | | | | |
| No. of Bags: 7 Grouting Materials: Neat cement Well Head Completion: Pitless adapter Contractor Type: Water well drilling contractor Registration Number: 2272 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. Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Geology Remarks: Geology Remarks: Geology Remarks: Geology Remarks: | | | | 1 | |
| No. of Bags: 7 Grouting Materials: Neat cement Well Head Completion: Pitless adapter Contractor Type: Water well drilling contractor Registration Number: 2272 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. Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Geology Remarks: Geology Remarks: Geology Remarks: Geology Remarks: | Well Grouted: Yes Gro | utina Method: Unknown | | | |
| Grouting Materials: Neat cement From 0.00 ft. to 136.00 ft. Well Head Completion: Pitless adapter Contractor Type: Water well drilling contractor Registration Number: 2272 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. Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | | | Geology Remarks: | | |
| Well Head Completion: Pitless adapter Contractor Type: Water well drilling contractor Registration Number: 2272 Nearest source of possible contamination: Business Name: J&M WELL DRLG. Type Distance Direction Business Address: Septic tank 160.00 ft. East 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: DENNIS CRUM Employment: Employee Signature of Registered Contractor Date | • | Addition. Children | " | | |
| Well Head Completion: Pitless adapter Contractor Type: Water well drilling contractor Registration Number: 2272 Business Name: J&M WELL DRLG. Business Address: Septic tank 160.00 ft. East 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: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | | From 0.00 ft. to 136.00 ft. | | | |
| Nearest source of possible contamination: Type Distance Direction Septic tank 160.00 ft. East Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Contractor Type: Water well drilling contractor Registration Number: 2272 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 | Neat cement | 7 (0111 0:00 1:: 10 7 00:00 1:: | | | |
| Nearest source of possible contamination: Type Distance Direction Septic tank 160.00 ft. East Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Contractor Type: Water well drilling contractor Registration Number: 2272 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 | | | | | |
| Nearest source of possible contamination: Type Distance Direction Septic tank 160.00 ft. East Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Registration Number: 2272 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 | Well Head Completion: | Pitless adapter | Contractor Type: Water well drilling contractor | | |
| Nearest source of possible contamination: Type Distance Direction Septic tank 160.00 ft. East Drilling Machine Operator Name: DENNIS CRUM Employment: Employee 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 | | | Registration Number: 2272 | | |
| Septic tank 160.00 ft. East 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. Prilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | Nearest source of possil | ble contamination: | | | |
| This well was drilled under my supervision and this report is true to the best of my knowledge and belief. Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | Туре | Distance Direction | Business Address: | | |
| Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date | Septic tank | 160.00 ft. East | WATER WELL CONTRACTOR'S | CERTIFICATION: | |
| Drilling Machine Operator Name: DENNIS CRUM Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date General Remarks: | | | | his report is true to t | he best of |
| Employment: Employee Well Pump Installer Name: JAMES BOISE Signature of Registered Contractor Date General Remarks: | Drilling Machine Operato | or Name: DENNIS CRUM | Thy knowledge and belief. | | |
| General Remarks: | = | | | | |
| General Remarks: | | ne: JAMES BOISE | Signature of Registered Contractor | Date | |
| | General Remarks: | And the second s | | | |
| | OTHER REMARKS | | | | |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

6/2/2006 16:09



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

Failure to comply is a misdemeanor.

| Tax No: | Permit No: | W11070 | County: Jackson | | Towns | hip: Waterloo |
|-------------------------|------------|--------------------------|-----------------|------------------------|-----------|--------------------|
| | | Fraction: SE¼ NE¼ SW¼ | Section: 12 | Town/Range: 02S 02E | WSSN: | Source ID/Well No: |
| Well ID: 38 | 000005985 | Distance and Direct | ion from Ro | ad Intersection: | - | |
| Elevation: | | Well Owner: Richar | 8. G. Kern W | estcott | | |
| Latitude: 42.3103821 | | Well Address: | a a. Rem W | | Address: | |
| Longitude: -84.13804217 | | HARVEY ROAD MI | | CHEL | SEA MI 48 | 118 |

| Drilling Method: Rotary | | Pump Installed: Yes | Pump Instal | lation only: 1 | No |
|--|----------------------------|--|-----------------|------------------|--------------|
| | Well Use: Household | Pump Installation date: | HP: 0.50 | | |
| | Date Completed: 12/10/2002 | Manufacturer: F.E. Myers | Pump Type: | Submersible | |
| Casing Type: PVC plastic | | Model Number: 2NFL52-12 | | city: 12.00 G | |
| Casing Joint: Unknown | | Length of Drop Pipe: 50.00 ft. | Id of Well: | - | |
| Diameter: 5.00 in. | to 56.00 ft. depth | Diameter of Drop Pipe: | | | |
| | | Draw Down Seal Used: No | | | |
| Bore Diameter 1: 8.50 in. to | 66.00 ft. depth | Pressure Tank Installed: Yes | | | |
| Bore Diameter 2: | 00700 III 00FIII | Pressure Tank Type: Unknown | | | |
| Bore Diameter 3: | | Manufacturer: Sta-Rite Signature | | | |
| Height: 1.00 ft. above grade | | Model Number: SR35 | Tank | Capacity: 35 | Gallons |
| Casing Fitting: None | | Pressure Relief Valve Installed : No | Tame | oupdony . o | - Ganone |
| 0 | Dalan Carda (Nat Elania a) | Pressure Heller Valve Ilistalled : 110 | | Г | Depth to |
| Static Water Level: 35.00 ft. | Below Grade(Not Flowing) | Formation Description | | Thickness | Bottom |
| Yield Test Method: Air | | Clay Sandy | | 5.00 | 5.00 |
| Measurement Taken During | - | | | 26.00 | 31.00 |
| 61.00 ft. after 4.00 hrs. pumping at 25.00 GPM | | Sand & Gravel | | | |
| | | Brown Clay | | 4.00 | 35.00 |
| | | Gray Clay | | 15.00 | 50.00 |
| Abandoned Well Plugged: 1 | | Sand Wet/Moist | | 2.00 | 52.00 |
| Reason for not plugging We | M: | Sand Water Bearing | | 9.00 | 61.00 |
| Abandoned well ID: | | 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 | | | | | |
| Slot: 15.00 in. Set Between | | | | ļ | |
| Blank: | | | | | |
| Fittings: | | | | | |
| None | | | | | |
| | | | | | |
| Well Grouted: Yes Grouting | - | | | | |
| No. of Bags: 6 | Additives: None | Geology Remarks: | | | |
| Grouting Materials: | | | | | |
| Bentonite slurry | From 0.00 ft. to 53.00 ft. | | | | |
| | | | | | |
| | | | | | |
| Well Head Completion: | Pitless adapter | Contractor Type: Water well drilling co | ntractor | | |
| | | Registration Number: 2215 | IIIIQOIOI | | |
| Nearest source of possible | contamination: | Business Name: ANN ARBOR WELL I | ORLG | | |
| · · | istance Direction | Business Address: | | | |
| | 00.00 ft. North | WATER WELL CONTRAC | CTOR'S CERT | IFICATION: | |
| • | | This well was drilled under my supervision | on and this rep | ort is true to t | he best of |
| | OTEVS WHEELED | my knowledge and belief. | | | |
| Drilling Machine Operator N | lame: STEVE WHEELER | | | | |
| Employment: Employee | | Signature of Registered Contractor | Date | | |
| 0 | | Signature of neglistered contractor | Date | | |
| General Remarks: OTHER REMARKS | | | | | |
| EOR 2017C (2/2000) | | | 7 | 4.// | 3/2003 09:11 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

1/8/2003 09:11



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

Failure to comply is a misdemeanor.

| Tax No: | Permit No: | 10241 | County: | County: Jackson | | nip: Waterloo |
|-------------------------|------------|------------------------------------|--------------|------------------------|------------|--------------------|
| | | Fraction: NW¼ NE¼ NE¼ | Section: | Town/Range: 01S 02E | WSSN: | Source ID/Well No: |
| Well ID: 3800 | 00005171 | Distance and Direct CAMP RD | ion from Ro | ad Intersection: 50 | OFT N OF C | LEAR LK RD AND |
| Elevation: | | Well Owner: Edward | d And Maltie | Risner | | |
| Latitude: 42.31272238 | | Well Address: | | Owner | Address: | |
| Longitude: -84.15159159 | | 5993 CLEAR LAKE GRASS LAKE MI 4 | | | SLAKE MI | |

| Drilling Method: Rotary Well Depth: 60.00 ft. Well Use: Household | Pump Installed: Yes Pump Installation date: | Pump Insta HP: 0.50 | llation only: | No |
|--|---|------------------------|-------------------|--------------------|
| Well Type: Replacement Date Completed: 10/26/2001 | Manufacturer: Goulds | | : Submersible | 9 |
| Casing Type: PVC plastic | Model Number: A1250 | Pump Capa | | - |
| Casing Joint: Unknown | Length of Drop Pipe: 49.00 ft. | ld of Well: | ionly. | |
| Diameter: 5.00 in. to 56.00 ft. depth | Diameter of Drop Pipe: | id or won. | | |
| | Draw Down Seal Used: No | | | |
| Description of a contract of the contract of t | | | | |
| Bore Diameter 1: 8.00 in. to 60.00 ft. depth Bore Diameter 2: | Pressure Tank Installed: Yes | | | |
| Bore Diameter 3: | Pressure Tank Type: Unknown | | | |
| Height: 1.00 ft. above grade | Manufacturer: Well-Mate | T1 | | Callono |
| Casing Fitting: Drive shoe | Model Number: WM6 | rank | Capacity : 5 | Ganons |
| | Pressure Relief Valve Installed : No | | | Donalis An |
| Static Water Level: 27.00 ft. Below Grade(Not Flowing) | Formation Description | | Thickness | Depth to Bottom |
| Yield Test Method: Air | Sand Gravel Clay | | 6.00 | 6.00 |
| Measurement Taken During Pump Test: | | | 26.00 | 32.00 |
| 54.00 ft. after 1.00 hrs. pumping at 10.00 GPM | Clay Sand Gravel | | | 42.00 |
| | Sand Gravel Clay | | 10.00 | |
| | Sand | | 19.00 | 61.00 |
| Abandoned Well Plugged: Yes | | | | |
| Reason for not plugging Well: | | | | |
| Abandoned well ID: | | | | |
| 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 | | · | <u></u> | |
| Well Grouted: Yes Grouting Method: Unknown | | | | |
| No. of Bags: 4 Additives: None | Geology Remarks: | | | |
| Grouting Materials: | | | | |
| Bentonite slurry From 0.00 ft. to 47.00 ft. | | | | |
| Dentonite starry | | | | |
| | | | | |
| Well Head Completion: Pitless adapter | Contractor Type: Water well drilling cor | ntractor | | |
| | Registration Number: 167 | | | |
| Nearest source of possible contamination: | Business Name: FOX AND BOLEY WE | ELL DRILLING | à | |
| Type Distance Direction | Business Address: | | | |
| Septic tank 50.00 ft. North | WATER WELL CONTRAC | CTOR'S CERT | TIFICATION: | |
| | This well was drilled under my supervision | on and this rep | oort is true to t | he best of |
| Drilling Machine Operator Name: T BURKHOLDER H HARRIS | my knowledge and belief. | | | |
| | | | | |
| Employment: Employee | Signature of Registered Contractor | Date | | |
| General Remarks: | | | | |
| OTHER REMARKS | | | | |
| EOP 2017C (2/2000) | LOWNED, EU E WITH DEED | 7 | 8/ | 9/2002 08:41 |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

8/9/2002 08:41



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 | | | | hip: Grass Lake | | | |
|--|------------|---|--|------------------------|-------------------------------------|--------------------|--|--|--|
| | | Fraction: U¼ U¼ SE¼ | Section: 13 | Town/Range: 02S 02E | WSSN: | Source ID/Well No: | | | |
| Well ID: 38000001600 | | Distance and Direct | Distance and Direction from Road Intersection: | | | | | | |
| Elevation: 1040 ft | | Wall Common Daldon | n Duccell | | | | | | |
| Latitude: 42.3070327245 Longitude: -84.1489244853 | | Well Owner: Baldwi Well Address: 4991 CLEAR LAKE GRASS LAKE MI 4 | RD | 4991 (| Address: CLEAR LAKE S LAKE MI | | | | |
| | | | | · | | | | | |

| Drilling Method: Cable Tool | | Pump Installed: Yes | Pump Insta | llation only: | No | | |
|---|--------------------|---|-------------|---------------|--------------|--|--|
| | Household | Pump Installation date: | HP: | | | | |
| | npleted: 3/28/1967 | Manufacturer: Other | Pump Type | : Submersible | 9 | | |
| Casing Type: Unknown | | Model Number: | | city: 0.00 G | | | |
| Casing Joint: Threaded & coupled | | Length of Drop Pipe: 84.00 ft. | ld of Well: | | | | |
| Diameter: 4.00 in. to 182.50 ft. dep | th | | ia or weii. | | | | |
| | | Diameter of Drop Pipe: Draw Down Seal Used: No | | | | | |
| Bore Diameter 1: | | Pressure Tank Installed: No | | | | | |
| Bore Diameter 2: | | Pressure Tank Type: | | | | | |
| Bore Diameter 3: Height: 1.00 ft. above grade | | | | | | | |
| | | Manufacturer: | T | k Capacity : | Callana | | |
| Casing Fitting: Drive shoe | | Model Number : Pressure Relief Valve Installed : No | ıan | K Capacity. | Gallons | | |
| | | Pressure Relief Valve Installed . No | | r i | Depth to | | |
| Static Water Level: 70.00 ft. Below G Yield Test Method: Unknown | rade(Not Flowing) | Formation Description | | Thickness | Bottom | | |
| Measurement Taken During Pump To | est: | Gravel Fine To Medium | | 150.00 | 150.00 | | |
| 73.00 ft. after 2.00 hrs. pumping at | 15.00 GPM | Lithology Unknown | | 28.00 | 178.00 | | |
| | | Gravel Fine | | 2.00 | 180.00 | | |
| | | Limestone | | 13.00 | 193.00 | | |
| Abandoned Well Plugged: No | | Lithology Unknown | | 2.00 | 195.00 | | |
| Reason for not plugging Well: | | 3, | | | | | |
| Abandoned well ID: | | | | | | | |
| Screen Installed: No Well | Intake: Unknown | | | | | | |
| Filter Packed: | | | | | | | |
| Screen Diameter: Len | gth: | | | | | | |
| Screen Material Type: | _ | | | | | | |
| Slot: | | | | | | | |
| Blank: | | | | | | | |
| Fittings: | | | | | | | |
| | | | | | | | |
| Well Grouted: No Grouting Method | | | | | | | |
| No. of Bags: Additive | s: | Geology Remarks: 1. [GRAVEL-MED-FI | | | | | |
| Grouting Materials: | | MIXED W/ SAND] [178] [28] 3. [GRAVEL- | | 2] 4. [LIMERC | CK] [193] | | |
| | | [13] 5. [SANDROCK-WATER BEARING] [| [195] [2] | | | | |
| | | | | | | | |
| | | | | | | | |
| Well Head Completion: Pitless at | dapter | | | | | | |
| | | Contractor Type: Unknown | | | | | |
| Nearest source of possible contamin | nation: | Registration Number: 106 | | | | | |
| | | Business Name: Business Address: | | | | | |
| 1 17 11 11 11 11 11 11 11 11 11 11 11 11 | | WATER WELL CONTRAC | TODIS CERT | TEICATION: | | | |
| Septic tank 55.00 ft. | Lasi | This well was drilled under my supervision | | | he best of | | |
| | | my knowledge and belief. | | | | | |
| Drilling Machine Operator Name: | | , | | | | | |
| Employment: Unknown | | | | | | | |
| Linployment. Olikilowii | | Signature of Registered Contractor | Date | | | | |
| General Remarks: | | | | | | | |
| OTHER REMARKS Pump Manufac | turer: REDA | | | | | | |
| EQP 2017C (2/2000) | ATTENTION WE | LL OWNER: EILE WITH DEED | 1 | 2/1 | 7/2000 12:00 | | |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED



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: c | lackson | Towns | hip: Grass Lake |
|---------------------------|------------|-------------------------|----------------|------------------------|------------|--------------------|
| | | Fraction: U¼ NE¼ NW¼ | Section: 13 | Town/Range: 02S 02E | WSSN: | Source ID/Well No: |
| Well ID: 380000 | 01599 | Distance and Direct | on from Roa | d Intersection: | | |
| Elevation: 990 ft | | | | | | |
| 1 | | Well Owner: Houle, | Tami | | | |
| Latitude: 42.3007341261 | | Well Address: | | | Address: | |
| Longitude: -84.1451857206 | | 4499 CLEAR LAKE I | | | CLEAR LAKE | |
| Longitudo. 64.1461667266 | | GRASS LAKE MI 49 | 240 | GRAS | S LAKE MI | 49240 |
| | | | | | | |

| Drilling Method: Rotary | | Pump Installed: Yes | Pump Installation only: | No | | | |
|---|------------------------------|---|----------------------------------|--------------------|--|--|--|
| Well Depth: 50.00 ft. | Well Use: Household | Pump Installation date: | HP: | NO | | | |
| Well Type: New | Date Completed: 10/9/1986 | Manufacturer: Red Jacket | Pump Type: Submersible | _ | | | |
| Casing Type: PVC plastic | Date Completon: 10/0/1000 | | Pump Capacity: 0.00 GPM | | | | |
| Casing Joint: Unknown | | Model Number: | | PIVI | | | |
| Diameter: 5.00 in. to 46.0 | 00 ft. depth | Length of Drop Pipe: 35.00 ft. | ld of Well: | | | | |
| 4.00 in. to 50.0 | 00 ft. depth | Diameter of Drop Pipe: | | | | | |
| | | Draw Down Seal Used: No | | | | | |
| Bore Diameter 1: | | Pressure Tank Installed: No | | | | | |
| Bore Diameter 2: Bore Diameter 3: | | Pressure Tank Type: | | | | | |
| Height: 1.00 ft. above grade | • | Manufacturer: | | | | | |
| Casing Fitting: Drive sh | | Model Number : | Tank Capacity: | Gallons | | | |
| Cuomy ramy. | | Pressure Relief Valve Installed : No | | | | | |
| Static Water Level: 6.00 ft. Yield Test Method: Unknow | | Formation Description | Thickness | Depth to Bottom | | | |
| Measurement Taken During | | Clay | 6.00 | 6.00 | | | |
| 8.00 ft. after 2.00 hrs. pur | • | Muck | 12.00 | 18.00 | | | |
| 9.00 ft. after 2.00 hrs. pur | | Clav | 6.00 | 24.00 | | | |
| 5.00 it. aitor 2.00 iiis. puii | iping at 12.00 Gr W | Sand Fine To Coarse | 12.00 | 36.00 | | | |
| Abandoned Well Plugged: | No | | 14.00 | 50.00 | | | |
| Reason for not plugging W | | Sand Wet/Moist | 14.00 | 50.00 | | | |
| Reason for not plugging w | ven. | | | | | | |
| Abandoned well ID: | | | | | | | |
| Screen Installed: Yes | Well Intake: | | | | | | |
| Filter Packed: No | | | | | | | |
| Screen Diameter: 4.00 in. | Length: 4.00 ft. | | | | | | |
| Screen Material Type: | | | | | | | |
| Slot: 0.00 in. Set Between | 46.00 ft. and 50.00 ft. | | | | | | |
| Blank: 1.00 ft. Above | | | | | | | |
| Fittings: Neoprene packer | | | | | | | |
| пеоргене раскет | | | | | | | |
| Well Grouted: Yes Grout | ina Method: Unknown | | | | | | |
| No. of Bags: | Additives: None | Geology Remarks: 1. [CLAY] [6] [6] 2. [N | MUCKI [18] [12] 3. [CLAY] [| 241 [6] 4. | | | |
| Grouting Materials: | Additives: None | [SAND (FINE & COARSE)] [36] [12] 5. [W | ATER SAND] [50] [14] | | | | |
| Bentonite slurry | From 0.00 ft. to 50.00 ft. | | | | | | |
| Bentonite sturry | 110111 0.00 11. 10 30.00 11. | | | | | | |
| | | | | | | | |
| Well Head Completion: | Pitless adapter | | | | | | |
| TOTAL TICEGO COMPLETION. | ooo adaptor | Contractor Type: Unknown | | | | | |
| | | Registration Number: 1290 | | | | | |
| Nearest source of possible | | Business Name: | , | | | | |
| | Distance Direction | Business Address: | | | | | |
| | 0.00 ft. | WATER WELL CONTRAC | | | | | |
| Unknown | | This well was drilled under my supervision my knowledge and belief. | n and this report is true to the | ne best of | | | |
| Drilling Machine Operator | Name: | , | | | | | |
| Employment: Unknown | | | | | | | |
| • | | Signature of Registered Contractor | Date | | | | |
| General Remarks: | | | | | | | |
| OTHER REMARKS | | | | 7/2000 12:00 | | | |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED



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: | lackson | Townsh | ip: Grass Lake |
|---------------------------|------------|----------------------------------|----------------|------------------------|-----------------------|--------------------|
| | | Fraction: U¼ U¼ NW¼ | Section: 13 | Town/Range: 02S 02E | WSSN: | Source ID/Well No: |
| Well ID: 3800000 | 1598 | Distance and Direct | tion from Roa | d Intersection: | | |
| Elevation: 996 ft | | Well Owner: Artz, A | ustin | | | |
| Latitude: 42.2991271893 | | Well Address: 4450 CLEAR LAKE | DD. | | Address: LEAR LAKE | PD |
| Longitude: -84.1460341762 | | GRASS LAKE MI 4 | | 1 | SLAKE MI | |
| | | | | | | |

| Drilling Method: Cable To | ool | Pump Installed: No | Pump Installat | ion only: No | |
|---|------------------------------------|---|----------------------|------------------|--------------------|
| Well Depth: 165.00 ft. | Well Use: Household | Pump Installation date: | HP: | ,. | |
| Well Type: New | Date Completed: 1/11/1967 | Manufacturer: | Pump Type: | | |
| Casing Type: Unknown | | Model Number: | Pump Capacit | v: | |
| Casing Joint: Threaded & | | Length of Drop Pipe: | ld of Well: | y . | |
| Diameter: 4.00 in. to 12 | 2.00 ft. depth | Diameter of Drop Pipe: | id of well. | | |
| | | Draw Down Seal Used: No | | | |
| Bore Diameter 1: | | | | | |
| Bore Diameter 1: | | Pressure Tank Installed: No | | | |
| Bore Diameter 3: | | Pressure Tank Type: | | | |
| Height: 1.00 ft. above grade | | Manufacturer: | _ | | 0 - 11 |
| Casing Fitting: Drive s | shoe | Model Number : | | ik Capacity : | Gallons |
| | | Pressure Relief Valve Installed : | No | | |
| Static Water Level: 20.00 Yield Test Method: Unkno | ft. Below Grade(Not Flowing) wn | Formation Descript | ion | Thickness | Depth to Bottom |
| Measurement Taken Duri | ng Pump Test: | Clay & Sand | | 80.00 | 80.00 |
| 25.00 ft. after 2.00 hrs. pumping at 16.00 GPM | | Sand Fine | | 25.00 | 105.00 |
| | | Clay & Gravel | | 16.00 | 121.00 |
| | | Limestone | | 14.00 | 135.00 |
| Abandoned Well Plugged | I: No | Blue Shale | | 25.00 | 160.00 |
| Reason for not plugging | | Sandstone Water Bearing | | 5.00 | 165.00 |
| . 55 5 | ••• | Sandstone water bearing | | 5.00 | 165.00 |
| Abandoned well ID: | | | | | |
| Screen Installed: No | Well Intake: Unknown | | | | |
| Filter Packed: | | | | | |
| Screen Diameter: | Length: | | | | |
| Screen Material Type: | | | | | |
| Slot: | | | | | |
| Blank: | | | | | |
| Fittings: | | *************************************** | | | |
| | | | | <u> </u> | |
| Well Grouted: No Grout | ting Method: | | | | |
| No. of Bags: | Additives: | Geology Remarks: 1. [CLAY & SA | ND] [80] [80] 2. [S/ | AND-FINE] [10 | 05] [25] 3. |
| Grouting Materials: | 7.001.700. | [CLAY & GRAVEL] [121] [16] 4. [LIN | MEROCK] [135] [14 | | |
| Circuiting materials. | | [25] 6. [SANDROCK WATER BEAR | ING] [165] [5] | | |
| | | 1 | | | |
| | | | | | |
| Well Head Completion: | Pitless adapter | | | | |
| Tron nead completion. | . moss adaptor | Contractor Type: Unknown | | | |
| | | Registration Number: 106 | | | |
| Nearest source of possib | | Business Name: | | | |
| Туре | Distance Direction | Business Address: | | | |
| Septic tank | 69.00 ft. Northwest | WATER WELL CONT | | | |
| | | This well was drilled under my supe | rvision and this rep | ort is true to t | ne best of |
| Drilling Machine Operator | r Name: | my knowledge and belief. | | | |
| | | | | | |
| Employment: Unknown | | Signature of Registered Contract | or Date | | |
| General Remarks: | | 1 2.3 2 | | | |
| OTHER REMARKS | | | | | |
| EQP 2017C (2/2000) | | | | 2/17 | /2000 12:00 |
| LGI 20170 (2/2000) | I ATTENTION W/ | ELL AWNED, EILE WITH DEEL | 1 I | 211 | |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED



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 | |
|--|------|---|----------------|------------------------|------------------------|--------------------|
| | | Fraction: U¼ U¼ NE¼ | Section: 13 | Town/Range: 02S 02E | WSSN: | Source ID/Well No: |
| Well ID: 3800000 | 1597 | Distance and Direc | tion from Ro | ad Intersection: | | |
| Elevation: 989 ft | | | | | | |
| Latitude: 42.2991675968 Longitude: -84.1454295428 | | Well Owner: Burns Well Address: 4391 CLEAR LAKE | RD | 4391 | Address: CLEAR LAKI | |
| | | GRASS LAKE MI4 | 19240 | GRAS | S LAKE WII | 49240 |

| Drilling Method: Rotary | | Pump Installed: Yes P | ump Installation only: | No | |
|---|------------------------------|---|------------------------------|--------------|--|
| Well Depth: 55.00 ft. | Well Use: Household | · · | IP: | | |
| Well Type: New | Date Completed: 12/28/1984 | Manufacturer: Red Jacket P | ump Type: Submersible | Э | |
| Casing Type: PVC plastic | | Model Number: P | ump Capacity: 0.00 G | PM | |
| Casing Joint: Unknown | | Length of Drop Pipe: 40.00 ft. | ld of Well: | | |
| Diameter: | | Diameter of Drop Pipe: | | | |
| | | Draw Down Seal Used: No | | | |
| Bore Diameter 1: | | Pressure Tank Installed: No | | | |
| Bore Diameter 2: | | Pressure Tank Type: | | | |
| Bore Diameter 3: | | Manufacturer: | 1 | | |
| Height: 1.00 ft. above grad | | Model Number : | Tank Capacity : | Gallons | |
| Casing Fitting: Drive s | shoe | Pressure Relief Valve Installed : No | raint oupdoity. | GG.151.5 | |
| | * 6 1 | Plessure Helief Valve Histalied : No | | Depth to | |
| | ft. Below Grade(Not Flowing) | Formation Description | Thickness | Bottom | |
| Yield Test Method: Unkno | | Lithology Unknown | 1.00 | 1.00 | |
| Measurement Taken Duri | | | 7.00 | 8.00 | |
| 21.00 ft. after 2.00 hrs. pumping at 12.00 GPM 22.00 ft. after 2.00 hrs. pumping at 12.00 GPM | | Sand | | | |
| | | Clay | 4.00 | 12.00 | |
| | | Blue Clay | 16.00 | 28.00 | |
| Abandoned Well Plugged | | Sand | 12.00 | 40.00 | |
| Reason for not plugging \ | Well: | Sand Wet/Moist | 15.00 | 55.00 | |
| Abandoned well ID: | | | | | |
| Screen Installed: Yes | Well Intake: | | | | |
| Filter Packed: No | Tron mano. | | | | |
| Screen Diameter: 4.00 in | . Length: 5.00 ft. | | | | |
| Screen Material Type: | | | | | |
| Slot: 10.00 in. Set Between | en 50.00 ft. and 55.00 ft. | | | | |
| Blank: 1.00 ft. Above | | | | | |
| Fittings: | | | | | |
| Neoprene packer | | | | | |
| Well Grouted: Yes Grou | iting Method: Unknown | | | | |
| | Additives: None | Geology Remarks: 1. [T & S] [1] [1] 2. [SA | NDI [8] [7] 3. [CLAY] [12 | 1[4] 4. | |
| No. of Bags: | Additives: None | [BLUE CLAY] [28] [16] 5. [SAND] [40] [12] 6 | | | |
| Grouting Materials: | F 0.00 # 45 FF 00 # | | | - | |
| Bentonite slurry | From 0.00 ft. to 55.00 ft. | | | | |
| | | | | | |
| Well Head Completion: | Pitless adapter | | | | |
| wen neau completion. | i moss adaptor | Contractor Type: Unknown | | | |
| | | Registration Number: 1290 | | | |
| Nearest source of possib | | Business Name: | | | |
| Туре | Distance Direction | Business Address: | | | |
| Septic tank | 85.00 ft. East | WATER WELL CONTRACTO | | | |
| | | This well was drilled under my supervision a my knowledge and belief. | and this report is true to t | ne best of | |
| Drilling Machine Operato | r Name: | , | | | |
| Employment: Unknown | | Simply of Paristand Control | Date | | |
| | | Signature of Registered Contractor | Date | | |
| General Remarks: | | | | | |
| OTHER REMARKS | | | 0/4 | 7/2000 12:00 | |
| EOP 2017C (2/2000) | 4 ==== 1 = 1 = 1 = 1 = 1 | ELL OWNED, CILE WITH DEED | 2/1 | //2000 12: | |

EQP 2017C (2/2000)

ATTENTION WELL OWNER: FILE WITH DEED

15625 KILMER

GEOLOGICAL SURVEY NO.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

| 95 | 01 | <u> </u> | 546 |
|----|------|----------|-----|
| PE | RMIT | NUMB | ER |

| LOCATION OF WELL | | | | | | | | | |
|---|----------------|----------------------------|----------------------------------|--------------|-----------|--|--|---------------------------------------|-------------------------|
| County | Township Na | me | Fraction | | | Section Number | | | Range Number |
| WASHTENAW | SYLVAN | | NE 14 SI | W 1/4 SE 1/4 | | 18 | 2 S | | 3 E |
| Distance And Direction From R | oad Intersect | ion | | 3 OWN | IER | OF WELL | | | |
| 15625 KILMER Grass Lake 49240 |) | | | | ires | 994 RED | IEL KLUCK 4 HAZELTON FORD, MI 48 | | |
| Street Address & City of Well | Location | | | | | s Same As Well | | | |
| Locate with "X" in Section Be | Lou | Sketch Map | 1 | 4 WELL | | | e Completed | NE | W WELL |
| N I | | I94 | Į | | 138 | 3 FT. | 09/30/96 | n. | W WELL |
| | 7 | | - | 5 DRIL | LIN | IG METHOD: | ROTARY | | |
| u | E Ø | KILMER RI | D | 6 USE: | • | And the second s | DOMESTIC | | |
| | ½ Mt. | KALMOACH | (RD | 7 CAS | ING: | PLASTIC | | He | ight: ABOVE |
| 8 | | TTEN RD. | | Dia | ame 1 | ter <u>5</u> " to | 81 ft. depth | e | rface 3' |
| S | Lat | itude: | \ | Pia | | ter 5" to ter" to | | | |
| « | l Lor | ngitude: | |] | G | routed Drill Hol | | 1 | right SDR 21 |
| 2 FORMATION DESCRIPTION | DN | THICKNESS OF STRATUM | DEPTH TO BOTTOM OF STRATUM | | | 9" to " to | 81 ft. depth ft. depth | Dr | ive Shoe: NO |
| SAND | | 16 | 16 | 8 SCRI | EEN | T NOT II | CYALLED Di | mata | r Mominal |
| GRAY CLAY | | 63 | 79 | | | | STALLED DIE | | i |
| BLACK SHALE | | 37 | 116 | 1 | | | 10.11.11 | | and ft. |
| LIME ROCK | | 12 | 128 | | | GS: | Blank abo | ove s | creen ft. |
| SAND ROCK | | 10 | 138 | . | 22 | WATER LEVEL ft. below land | | | ow: NO |
| | | | | | | NG LEVEL: below | | | |
| Ed Maria Salara | | | | 1 | | ft. after <u>2</u> h | | | |
| Machelli | VED | | | | | ft. after hr | s, pumping a | t | G.P.M. |
| Wilch, Dept. of Pt | ublic Health | | | 11 WE | LL | HEAD COMPLETION: | | ESS A | DAPTOR |
| JAN 27 (| 997 | | | 12 WE | LL | GROUTED? YES | | • | |
| | | $\triangle A$ | | | | EAL From <u>(</u> bags of cement. | | | |
| BUREAU OF THE RIVERS | | | | 13 Ne | are | st source of cor | tamination | | |
| | C111=04649 | | | | | e <u>SEPTIC</u> Dis l disinfected up | | | |
| | | 12-16-9 | <i>[p</i> | 14 PU | Was | old well plugge | ed? | · · · · · · · · · · · · · · · · · · · | |
| | | | [| м | anu | facturers name | RED JACKET | 9 24 | 101 = 550 |
| | | | | _ L | eng | l number <u>75SESW</u> th of Drop Pipe | -12SBC HP _85 ft. capa | 3/4 city | VOLTS 230V 12 G.P.M. |
| MS30796 0665341 10/10/96 PS30796 0665341 | | | | P | | SURE TANK: facturers Name / | MTROL | | |
| | | VC | | М | ode | L Number WX 250 | Ca | pacit | y 13.2 Gallons |
| 15. Remarks, elevation, sou | rce of data, | etc. | This | s well wa | s d | TOR'S CERTIFICAT rilled under my t of my knowledg | jurisdiction | | this report is |
| | | RECEIV | | | | ling Co., Inc. | · | 81-0 | |
| 17. Rig Operator's Name: | | MEOE! | | | | BUSINESS NAME | R | | RATION NO. |
| | KURT WING | | 1005 Addr | ress | 830 | O Dexter Chelses | Rd. Dexter. | MI | 48130 |
| D67d 2/89 CDCW12655P | 16154 03/07/99 | | Sigr | | LITH | ORIZED REPRESENT | TATIVE | 0 | pate 10/16/96 |
| | | ENV. HEA | ALTH | (<i>)</i> ^ | .u (1) | Author | _ | 68 PA | 1978 |
| IMPORTANT: File with | deed. | | GICAL S | URVE | Y | | tion: Requi | red | of a violation |

| | | | it : | | |
|---|-----------------|-----------------------|--|---|---|
| GEOLOGICAL SURVEY SAMPLE No. | • | | | | |
| | WATER W | | | MICH | IGAN DEPARTMENT OF |
| 1 LOCATION OF WELL County, Township Name | | Fraction | | | OF PUBLIC HEALTH In Number Range Number |
| wash | , y van | 1/4 | 1/4 1/4 | 18 | 2 N/S. 3 E/W. |
| Distance And Direction from Road Intersections 3791 220 Character Fifth | Q. | | 3 OWNER OF W | - Lake - | Justine 9 |
| | | | Address 🥏 | 161 60. | settled ! |
| Street address & City of Well Location Cheles Locate with "X" in section below 8 | ketch Map: | | 4 WELL DEPTH | (completed) Date | of Completion |
| wey | | | 65 | | <u> </u> |
| | | | 5 Cable to | od Jetted | Bored |
| W | | | 6 USE: Don | | |
| | | | Test | Well | |
| S MILE | | | Diam. | readed 🔀 Welded 🗌 | Height: Above/Benow ft. |
| 2 FORMATION | THICKNESS OF | DEPTH TO BOTTOM OF | Lin. to | 6/ ft. Depth | Weightlbs./ft. Drive Shoe? Yes. No |
| (mark) | STRATUM | STRATUM | 8 SCREEN: | ft. Depth | |
| Dand | 65 | 65 | Туре: | | 33/4 |
| | | | Slot/ Cause Set between | 61 ft, and 6 | 19th |
| | | | Fittings: | parke | Aplug |
| | | | 9 STATIC WAT | | |
| | | | 10 PUMPING L | ft, below land surface EVEL below land surfa | сө |
| | | | 28 | ft. after <u></u> hrs. pump | g.p.m. |
| | | | | | g.p.m. |
| | | | | ALITY in Parts Per Mill Chlorides | |
| | | | Handaga | ()ther | |
| | | | 12 WELL HEAD | COMPLETION: | n Approved Pit |
| | | | | tless Adapter 1 ed? Yes No | 2" Above Grade |
| | | | Neat C | ement Bentonite | |
| | , | | Depth: Fro | omft. to urce of possible conta | f1. mination |
| | | | | DirectionDirection | |
| | | | 15 PUMP: | -Not i | Stalled |
| ADDED THESE ST BEST AND WEST | | | Manufactur Model Num | er's Name <u>Feet</u> ber 9D 9 PD 57 | HP 2 Volts 220 |
| We deferment | | | Length of E | Orop Pipe <u> </u> | |
| WIN MOITIDDAY | | | | Submersible Jet 🔲 R | eciprocating |
| | | | | _ | |
| 16 Remarks, elevation, source of data, etc. | 17 1 | | | CTOR'S CERTIFICAT | |
| 160 test Cas line pt | halle | to the b | of the state of th | nder my jurisdiction an edge and belief. | June 1 dy |
| well to house | | | STERED PUSINES | SNAME JULI | REGISTRATION NO. |
| I hohitewater 60 gal | vary | Address | 1 | N. R | Date 12-18-71 |
| 067d 100M (Rev. 12,68) | ۵۸ . | Signed | AUTHORIZED RE | PRESENTATIVE | Date / K / B // |
| wash. County de | ratth | () | | | |
| Dernt SU 11-11 | GEOLOGIC | AL SUR | VEY COPY | ľ | |
| | | | | | |

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY DRINKING WATER & RADIOLOGICAL PROTECTION DIVISION WATER WELL AND PUMP RECORD PERMIT NO: TAX NO: 🧠 Completion is required under authority of Part 127 Act 368 PA 1978 99-09123 Failure to comply is a misdemeanor LOCATION OF WELL Town No. Range No. County Township Name SW1/4 NE 1/4 NW 1/4 Washtneaw Sylvan T.2.SS. R.3 E. 3. OWNER OF WELL Matthew Weritz Distance and Direction from Road Intersection XXM 1/10 mi N. of Notten Rd. & Mushbach Address 3620 Notten Rd. Grass Lk., MI 49240 3620 Notten Rd. Street Address & City of Well Location Locate with 'x' in Section Below Sketch Map 4. WELL DEPTH: Date Completed New Well 11/29/99 Replacement Well 151 Notten Rd. 5. Cable Tool Rotary Driven ☐ Dua Auger/Bored Jetted Hollow Rod 6. USE: X Household Type I Public Type III Public Type IIa Public Heat Pump Irrigation Test Well Type IIb Public 7. CASING: Steel Threaded Mushbach Rd. Height: Above/Below Plastic Welded Surface: 1 ft THICKNESS Other Glued
Diameter: 5 in teg 6 6 1. depth FORMATION DESCRIPTION STRATUM Weight: 2 lbs/ft, ____in. to ____ft. depth Sand and clay BORE HOLE: Drive Shoe Diameter: __8___in. te86 6 it. depth Shale Packer 31 Sand and gravel 241 ____in. to ____ft. depth 131 441 Gravel and sand 8. SCREEN: Not installed Gravel-Packed Cray clay 481 Siot/Gauze_ Set Between ____ 31 51' Sand HEULIVED FITTINGS: K-Packer Bremer Check Gray clav 221 73' ft. Other Biank Above Screen 9. STATIC WATER LEVEL: Clay and gravel 81 81. 28 ft. Below Land Surface Gray shale 221 103 10. PUMPING LEVEL: Below Land Surface -Clayerk Sandstone 20 G.P.M. 131 116 60 ft. After 1 hrs. Pumping at Plunger Bailer Air Test Pump 111 127 Hard sandstone 11. WELL HEAD COMPLETION: 81 135 Pitless Adapter 12" Above Grade Sandstone Basement Offset Well House Hard sandstone 41 1391 No Taryes From O 12. WELL GROUTED? 21 Other & Bentonite Hard, green sandstone ☐ Neat Cement No. of Bags 10 Additives Green sandstone 101 13. MEAREST SOURCE OF POSSIBLE CONTAMINATION: - 3-99 MICH DEPT OF LANDING TO LANDING TO Distance 100 ft. Direction N Distance _____ft. Direction_ USE A 2ND SHEET IF NEEDED Yes No Plugged line. JAN 10. PUMPIO Not Installed Pum Manufacturer's Name Aermotor Pump Installation Only 15. ABANDONED WELL PLUGGED? Depth____ Casing Diameter ____in. PLUGGING MATERIAL: 20 G.P. M. Cement/Bentonite Slurry No. of Bags 1/4 Casing Removed? Yes No PRESSURE TANK: 16. REMARKS: (Elevation, Source of Data, etc.) Well buried in basement. Manufacturer's Name WellMate

17. DRILLING MACHINE OPERATOR:

Employee Subcontractor

Name TBurkholder/HHarris

PRESSURE TANK:

ell buried in basement Manufacturer's Name WellMate

Model Number WM_1/WB Capacity 14 Gallons dd

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 & PRESCY Well DRILLING, INC. 0167

REGISTERED BUSINESS NAME
Address 6655 Brooklyn Rd. Jacksn, MI 49201

Signed AUTHORIZED REPRESENTATIVE

EQP 2017 (12/96)

MICHIGAN DEPARTMENT OF PUBLIC HEALTH GEOLOGICAL SURVEY NO. WATER WELL AND PUMP RECORD PERMIT NUMBER SY-43-89 LOCATION OF WELL Township Name Fraction Section Number Town Number Range Number NE 14SM 1/4 NW 1/4 18 T25 WASHTENAW SYLVAN Distance And Direction From Road Intersection OWNER OF WELL Roderick Graeff .4 mi S CAvanaugh Lake & Notten Roads 1440 Astor Address Ann Arbor, MI 48104 3748 Notten Road Address Same As Well Location? Yes 🙀 No Street Address & City of Well Location Locate with "X" in Section Below WELL DEPTH: Date Completed New Well Sketch Man: 10 | 6 | 89 | Replacement Well Cavanaugh Lake RD_ Rotary Cable tool ☐ Driven Oug Don wolloh Auger Jetted 6 USE: Domestic Type I Public Type III Public Irrigation Type IIa Public Heat pump Test Well Type Ilb Public 7 CASING: Steel Norten Threaded Height: Above Agelow Plastic Welded Surface _____ ft. DEPTH TO BOTTOM OF STRATUM 5 in. to 58 ft. depth THICKNESS Weight _____2 lbs./ft. OF 2 FORMATION DESCRIPTION ___ in, to _____ ft. depth Grouted Drill Hole Diameter Yes Yes Drive Shoe 8 in. to 58 ft. depth ☐ No ____ in. to _____ ft. depth Sandy clay 8 SCREEN: 23 Type stainless Diameter 4" Sand and gravel Slot/Gauze ___006 Length ____41 Set between ____58__ 24 47 _ ft. and _____ ft. Clav FITTINGS: K-Packer Lead Packer Bremer Check Blank above screen 15 ft. Other_ 18 65 Fine sand 9 STATIC WATER LEVEL: Flow _ ft. below land surface 10 PUMPING LEVEL: below land surface 33 ft. after hrs. pumping at 20 G.P.M. _____ ft. after _____ hrs. pumping at _____ G.P.M. 11 WELL HEAD 12" above grade Pitless adapter COMPLETION: Basement offset Approved pit 12 WELL GROUTED? No xx Yes From 0 to 35 ft. Neat cement Bentonite Other Ouik gel No. of bags of cement 5 Additives 13 Nearest source of possible contamination RECEIVED Type s tank Distance 150 ft. Direction S Well disinfected upon completion? □ No OCT 2 4 1989 Was old well plugged? Yes Not installed Pump Installation Only Manufacturer's name Goulds

ENVIRONMENTAL HEALTH Model number | OE 10542 | HP | /2 Volts | 15 Length of Drop Pipe 35 ft. capacity 10 G.P.M. TYPE: Submersible ☐ Jet ____ PRESSURE TANK: Manufacturer's name _ Customer's Capacity _ Model number. USE A 2ND SHEET IF NEEDED! 16. WATER WELL CONTRACTOR'S CERTIFICATION: 15. Remarks, elevation, source of data, etc. ... This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. FOX & BOLEY WELL DRILLING, INC. REGISTRATION NO. 17. Rig Operator's Name: Address 6655 Brooklyn Rd., Jackson, MI 49201 L. Meluille Date 10/19/89 AUTHORIZED REPRESENTATIVE D67d 2/89 Act 368 PA 1978 Authority: Completion: Penalty: Required Conviction of a violation of any provision is a misdemeanor. GEOLOGICAL SURVEY COPY

| GEOLOGICAL SURVEY NO. WATER | | | PUBLIC HEALTH IMP RECORD PERMIT NUMBER |
|--|-----------------|-----------------------------------|---|
| 1 LOCATION OF WELL County Township Name | | Fraction | Section Number Town Number Range Number |
| MASHTENAW SILVAN | | SE 1/45 | 5E45E4 18 2 NS 3EA |
| Distance And Direction From Road Intersection | 0110 | | 3 OWNER OF WELL: |
| 15605 KILIHER, CHELSEA, 48 | 3118 | | MARK HANNA |
| Street Address & City of Well Location | | | Address Same As Well Location? Yes Pono 4819 |
| Locate with "X" in Section Below Sk | etch Map: | | 4 WELL DEPTH: Date Completed MO DAY YEAR New Well FT. 8 28 Replacement Well |
| I 199 | | Macon Bard Apr | FT. Si Shill Replacement Well Cable tool Protary Driven Dug |
| A CONTRACTOR OF THE PROPERTY O | | | Hollow rod Auger Jetted |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ER R | 1 | 6 USE: Domestic Type I Public Type III Public |
| MI. | | And being the second section with | ☐ Irrigation ☐ Type IIa Public ☐ Heat pump |
| | | | 7 CASING: Steel Threaded Height: Above/Below |
| 1 MILE NOTTE W | Q. | i | CASING: Steel Threaded Height: Above Below |
| 2 FORMATION DESCRIPTION | THICKNESS OF | DEPTH TO BOTTOM OF | in. toft. depth Weight/lbs./ft. |
| Z FORMATION DESCRIPTION | STRATUM | STRATUM | in. toft. depth Grouted Drill Hole Diameter Drive Shoe Yes |
| COMIN | 191 | 19 | in. to tt. depth |
| HIVE | | | 8 SCREEN: Not Installed |
| GRAVICLAN | 45 | 104) | Type Diameter |
| CAND TONY | 7/ | 00 | Slot/Gauze Length |
| SHIVD RECT ANT GUS | 27 | 70 | Set betweenft. andft. |
| No BRANING | | | FITTINGS: K-Packer Lead Packer Bremer Check Blank above screen ft. Other |
| 600 That wanted est | | | 9 STATIC WATER LEVEL: |
| | | , | ft. below land surface Flow |
| JUR 191 | | | 10 PUMPING LEVEL: below land surface |
| (30. | / | | ft. after hrs. pumping at G.P.M ft. after hrs. pumping at G.P.M. |
| 9-7 | | | n. after nrs. pumping at G.F.W. |
| The second secon | | | 11 WELL HEAD Diess adapter 22° above grade |
| | | | Basement offset Approved pit 12 WELL GROUTED? |
| | | | No Yes From |
| | | | □ Neat cement ☑ Bentonite ☑ Other Bau Scal |
| | | | No. of bags of cement Additives 13 Nearest source of possible contamination |
| | | | Type Sex774 Distance 100 (t. Direction 1 |
| | - | | Well disinfected upon completion? |
| | | | Was old well plugged? Yes No |
| | | | 14 PUMP: Not Installed Pump Installation Only |
| pa, pa /4 | EIV | FD | Manufacturer's name (F) JHCK-F1 |
| HE U | of Publ | c Health | Model number |
| Mich. Dept | | | TYPE: Submersible |
| nc | 2 19 | 31 | PRESSURE TANK: Manufacturer's name |
| HOSE A SMILI CHEEK IE NECUEU | | AND A REPA | 09 |
| use A 2ND SHEET IF NEEDED 15. Remarks, elevation, source of data, etc. BUREAU OF E OCCUPATIO | MYIRONM | LIGOWATER | WELL CONTRACTOR'S CERTIFICATION: |
| ÜGCUPATIO | MVT HENT | this wel | I was drilled under my jurisdiction and this report is true |

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

OR BLD DRILLING CO. INC.

REGISTERED BUSINESS NAME.

Signed Authorized REPRESENTATIVE Date

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

17. Rig Operator's Name:

D67d 2/89

MICHIGAN DEPARTMENT OF PUBLIC HEALTH GEOLOGICAL SURVEY NO.

WATER WELL AND PUMP RECORD

| 90010 | 13 |
|----------|-------|
| PERMIT N | UMBER |

| 1 LOCATION OF WELL | | , | | | | | | |
|--|--|-----------------------|---|--|--|--|--|--|
| Distance And Direction From Road Intersect LASS CALAMA CLEASEA M. | iship Name | Fraction | Section Number Town Number Range Number | | | | | |
| Distance And Direction From Road Intersec | ction |) / | 3 OWNER OF WELL BOD RIEMSCH NEINE | | | | | |
| 15555 CAVANA | ugh LAKE | Cl | 1382 BRAMBLE BRAE | | | | | |
| ChELSEA M: | 48118 | | Address REPORY MI 48(3) | | | | | |
| · | 10110 | | | | | | | |
| Street Address & City of Well Location Locate with "X" in Section Below 1/2 | DUE LAND ARENEN Map: | | Address Same As Well Location? LJ Yes LANO 4 WELL DEPTH: Date Completed Took and the second | | | | | |
| | Mushbach F | 2/./ | 4 WELL DEPTH: Date Completed Mo. DAY YEAR New Well FT. S D Replacement Well | | | | | |
| | | | 5 Cable tool Rotary Driven Dug | | | | | |
| | CAJANAUGH | K K | Hollow rod Auger Jetted | | | | | |
| W | | | 6 USE: Domestic ☐ Type I Public ☐ Type III Public | | | | | |
| | | - 1 | ☐ Irrigation ☐ Type IIa Public ☐ Heat pump☐ Test Well ☐ Type IIb Public ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ | | | | | |
| (S) (1) 7€ | NoTTEN Rd | - 1 | 7 CASING: Steel Threaded Height: Above/Below | | | | | |
| 1 MILE | 10011800 R | | Plastic Welded Surface ft | | | | | |
| 2 FORMATION DESCRIPT | THICKNESS OF | DEPTH TO BOTTOM OF | in. to ft. depth Weight 30 CH2/4 | | | | | |
| | STRATUM | STRATUM | in, toft. depth Grouted Drill Hole Diameterin, toft. depth Drive ShoeYes | | | | | |
| GRAVEL | 20 | 20 | L No | | | | | |
| <u> </u> | | 4 | in. to ft. depth LJNo 8 SCREEN: Not Installed | | | | | |
| SAL | 40 | 60 | Type StainLess Wygiameter & Now | | | | | |
| | 8 | 10 | Slot/Grove Length | | | | | |
| Fine Sand | 3 | 68 | | | | | | |
| 5011 | 10 | 28 | FITTINGS: K-Packer Lead Packer Bremer Check Blank above screen ft. Other | | | | | |
| South M. M. J | | 7 0 | 9 STATIC WATER LEVEL: | | | | | |
| | | | ft. below land surface | | | | | |
| | | | 10 PUMPING LEVEL: below land surface | | | | | |
| | | | 30 ft. after Ahrs. pumping at A G.P.M. | | | | | |
| | | | ft. after hrs. pumping at G.P.M. | | | | | |
| | | | 11 WELL HEAD COMPLETION: Basement offset Approved pit | | | | | |
| | | | 12 WELL GROUTED? No Kes From D to 40 ft. | | | | | |
| | | | Neat cement Bentonite Another Bods South | | | | | |
| | | | No. of bags of cement Additives | | | | | |
| | | | 13 Nearest source of possible contamination Type 550 (C Distance 000ft Direction 5 C | | | | | |
| | | | | | | | | |
| | | | Well disinfected upon completion? ∠☐"Yes | | | | | |
| | | | 14 PUMP: Not installed Pump installation Only | | | | | |
| | 1 13 21 22 | | Manufacturer's name Red SACKET | | | | | |
| المراجع | | | Model number CASOC HP Volts 220 | | | | | |
| | - 1200 1 | P 2 | Length of Drop Pipeft. capacityG.P.M. | | | | | |
| 7.6.0 | March Sola 1942 | A Commence | TYPE: Submersible Jet PRESSURE TANK: | | | | | |
| The State of the S | 0.7 79 | We je, D | Manufacturer's name of as I ROL | | | | | |
| USE A 2ND SHEET IF NEEDE | 6 10 11 10 10 10 10 10 10 10 10 10 10 10 | T COM | Model number WX 203 Capacity Y Gallions | | | | | |
| 15. Remarks, elevation, source of data | i, etc. | 6. WATER | t [®] WELL CONTRACTOR'S CERTIFICATION: I was drilled under my jurisdiction and this report is true | | | | | |
| | | the b | est of my knowledge and belief. | | | | | |
| | \$4.54. | CARIL | Lay Deilling to INC 81.0529 | | | | | |
| 17. Rig Operator's Name: | | Address | REGISTRATION NO. | | | | | |
| KUSTINING & KA | N PEARCE | ~ | See C. Club Date 8-20-90. | | | | | |
| D67d 2/89 | | Signed | AUTHORIZED REPRESENTATIVE | | | | | |
| | | | Authority: Act 368 PA 1978 Completion: Required | | | | | |
| | GEOLOGICAL | SURVEY | Penalty: Conviction of a violation of any provision is a misdemeanor. | | | | | |

F.

GEOLOGICAL SURVEY NO.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

| 96 | 05 | 622 |
|------|--------|-------|
| PERM | AIT NO | JMBER |

| 1 LOCATION OF URL | | | | | | | | PERMIT | NUMBE | R |
|--|-------------|-----------------|-----------------------|--------------|-----------------------|---|---------------------------------|----------------|----------------|---------------|
| 1 LOCATION OF WELL County | Township N | ame | Fraction | | *** ****** | Section Number | Town Numbe | er I Rai | nge No | mber |
| WASHTENAW | SYLVAN | | | | SE ¼ | 18 | 2 s | | 3 [| |
| Distance And Direction From Re | | tion | | | | OF WELL | | | - (| |
| 15617 KILMER CHELSEA 48118 | | | | | Addre | PIERR 509 G | E GONYON ORHAM ON, MI 492 | 203 | | |
| Street Address & City of Well | Location | | | 1, | | ss Same As Well Lo | | | | |
| Locate with "X" in Section Be | low | Sketch Map | | 4 | | EPTH: Date | | NEW WEL |) [| |
| | | | 94 | | | | /29/97 | | | |
| | | | | ١, | DRILLI | NG METHOD: | TARY | | | |
| | 4 | NOTTEN | RD. | 6 | USE: | | | | | |
| W | _ | KILMER | RD. | 7 | CASING | | MESTIC | | | |
| 1 | MI. | (K) | | | 0.101,,0 | PLASTIC | | Height: | : ABO | /E |
| | _ | titude: | | | Diame Diame | ter <u>5</u> " to <u>77</u> | ft. depth ft. depth | Surface | e <u>1</u> | 1 |
| «» | • | ngitude: | | | G | routed Drill Hole | Diameter | Weight | SDR | 21 |
| 2 FORMATION DESCRIPTION | (| THICKNESS | DEPTH TO BOTTOM OF | - | | 9 " to | ft. depth ft. depth | Drive S | Shoe: | NO |
| | | STRATUM | STRATUM | - 8 | SCREEN | • | | | | |
| SAND | | 14 | 14 | _] ັ | DONLLIN | Type | Diam | eter | _ n No | ominal |
| GRAY CLAY | | 56 | 70 | | | | | | | |
| BLACK SHALE | | 37 | 107 | | EITTIN | | een f | _ | | |
| LIME ROCK & SAND ROCK MIXED |) | 40 | 147 | | CITIEN | GS: | BLOOK GOOV | e screen | · | 16. |
| ==== | ···· | | | 9 | | WATER LEVEL ft. below land su | rface | Flow: NO | נ | |
| • | ····· | | | 10 | PUMPI | NG LEVEL: below to | and surface | | | |
| | | | | \dashv | 60 | ft. after 2 hrs. | pumping at | <u>10</u> G.P. | м. | |
| 2017 | | | | | _72 | ft. after 2 hrs. | pumping at | <u>12</u> G.P. | .м. | |
| | | | | 11 | WELL | HEAD COMPLETION: | D.T. 50 | O ADADT | | |
| a - 0 a = 1 | | | | -4.7 | 1/511 | GROUTED? YES | PITLES | S ADAPTO | ж | |
| 5 4J. 4 CC CC | | | | - 12 | | | . 77 4. | | | |
| | All many | | | _ | 8 8 | EAL From 0 to bags of cement. As | ditives | | | |
| 9 9 | N. W. V. V. | agrange mayoray | | 13 | Neare | st source of contar | nination | | | |
| Con out of the control of the contro | all back of | | | | | e <u>SEPTIC</u> Distar | | | ection | NW_ |
| 68.9 | OCT OS | 19e / | | | Was | l disinfected upon old well plugged? | completion? | YES | | |
| Mara race | | | | - 14 | | factures were OFF | 14000 | | | |
| TITANIE | OWMENTA | LHEALTY | NH |) | Mode | facturers name <u>RE</u> l number <u>75SESWI-12</u> th of Drop Pipe <u>10</u> 5 | SBC HP 3 | /4 VC | OLTS 2 | <u>30v</u> |
| MS40497 821879 8/29/97 PS10597 821879 | | VC | 10.f. | 77 | Type PRES: Manu | | ROL | | | |
| 15. Remarks, elevation, sourc | e of data, | etc. | Thi | s wel | CONTRAC' | TOR'S CERTIFICATION rilled under my just t of my knowledge a | l: isdiction a | | | llons t is |
| 17. Rig Operator's Name: | | | ***** | | | ling Co., Inc. | | 11-0524 | | |
| - • | N PEARCE | | | REGI | STERED I | BUSINESS NAME | REG | ISTRATIO | N NO. | |
| KE | a reakut | | Add | ress | 8300 | O Dexter Chelsea Ro | d. Dexter, M | I 48130 | <u> </u> | , |
| D67d 2/89 CDCW13256P16 | 935 04/04/0 | | - | ned | AUTHO | ORIZED REPRESENTATI | VE | Date | 9/ | 5/9- |
| | | GEOLOGI | | | | | | PA 1978 | ļ | |
| IMPORTANT: File with de | ed. | Cribley Dr | illing Co., | INC | • | Completio | n: Require | a , | | |

8300 Dexter-Chelsea Rd. Dexter, MI 48130

Penalty:

Conviction of a violation of any provision is a misdemeanor.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

| 92 | 02 | 763 |
|------|---------|-----|
| PERI | MUN TIP | RER |

| 1 LOCATION OF WELL | | | | | | | 147 |
|--|-------------------------------|----------------------|----------|-----------------------|---|--|--|
| · ' | nip Name | Fraction | 011 ° | OF 14 | Section Number | Town Number | |
| WASHTENAW SY Distance And Direction From Road Int | LVAN | NE ¼ | SW % | | 18 | 2 S | 3 E |
| 15643 KILMER GRASS LAKE 49240 | | | | | 15643 | AND SHEILA KILMER RD. LAKE, MI 492 | |
| Street Address & City of Well Locati | on | | | | ss Same As Well Loc | | |
| Locate with "X" in Section Below N | J. 9' | 4 | 4 | WELL D | | completed 105/92 | NEW WELL |
| | | · | 5 | DRILLI | NG METHOD: | ARY | |
| H | S K | lumer. | | USE: | | MESTIC | and him the state of the State |
| (X) % MI. | | 7 | 7 | | PLASTIC | 60 1-41 | Reight: ABOVE |
| \$ | Latitude: | <i>LMBACH</i> | | Diame | | ft. depth ft. depth | Surface 11 |
| « | Longitude: | DEPTH TO | _ | L3 | , | ft. depth | Weight SDR 21 |
| 2 FORMATION DESCRIPTION | OF STRATUM | BOTTOM OF STRATUM | | | " to | ft. depth | Drive Shoe: NO |
| SAND | 14 | 14 | 8 | SCREEN | Type NOT INST/ | LLED Diame | ter " Nominal |
| GRAY CLAY | 36 | 50 | | | | | ength ft. |
| SAND AND GRAY CLAY | 25 | 75 | | FITTIN | Set Betw | een 1 Blank above | t. and ft. |
| SHALE | 32 | 107 | | | | atank above | Screen, , t. |
| | | | 7 | | WATER LEVEL ft. below land sur | face F | Low: NO |
| | | · | 10 | PUMPI | NG LEVEL: below la | nd surface | |
| | | | \dashv | 48 | ft. after 2 hrs. | pumping at | 10 G.P.M. |
| | | | _ | | ft. after hrs. | pumping at | G.P.M. |
| The state of the s | | | | WELL | HEAD COMPLETION: | PITLESS | ADAPTOR |
| | | | 12 | | GROUTED? YES | | |
| 30g Col Gol Fre F 1 100 | | | _ | BEN-SI | EAL From 0 to bags of cement. Ad | 60 ft. Iditives | |
| | | | 13 | | st source of contam | | |
| <u>pe</u> | 0 2 1992 | | | Wel | e SEPTIC Distan l disinfected Upon old well plugged? | completion? | Direction NW YES |
| ENVIRON | MENTALHEALT | -1 | _ 14 | | | | Address of the state of the sta |
| | CALL S ELL S VALUE | · | - | Mode | facturers name RED 1 number 50SEWI-980 th of Drop Pipe 65 | HP 1/ | |
| MS40592 PS40592 WELLS AWC5-1 1" | PVC | | | Type PRES: Manu | : SUBMERSIBLE SURE TANK: facturers Name AMTR l Number WX 203 | OL | ity 9.9 Gallons |
| 15. Remarks, elevation, source of d | ata, etc. | Thi | s wel | l was d | TOR'S CERTIFICATION rilled under my jur t of my knowledge a | isdiction an | |
| 17. Rig Operator's Name: | | | | | ling Co., Inc. | | 81-0524 |
| KURT WING | i | A _f _ | | | BUSINESS NAME | | STRATION NO. |
| | 105/92 RECE Mich. Dept. of | IV EsQ | | See | O Dexter Chelsea Ro | rel | Date 11-11-90 |
| IMPORTANT: File with deed. | JAN 5 | 1993 | | J | Authority Completic Penalty: | n: Required | |

GEOLOGICAL SURVEY NO. MICHIGAN DEPARTMENT OF PUBLIC HEALTH

WATER WELL AND PUMP RECORD

| 9 | 3 | 0 | 1 | 5 | ĵ. | Z |
|-----|-----|-----|------|----|----|---|
| DED | BAL | TMI | INAR | EB | | |

| 1 LOCATION OF WELL | | | | | <u> </u> | | , |
|---|--------------------------|-----------------|-----------------------|-------------------------------------|-----------------------|----------------------------------|-----------------|
| | Township Name | | Fraction | | Section Number | Town Number | Range Number |
| Washitman | ersection large | | SE1/4. | 5E1/4/06/1/4 | 18 | 2 A/S | 3 E/\ |
| Distance And Direction From Road Inte | ersection | , . | ^ / | 3 OWNER OF | | | |
| Distance And Direction From Road Inte | wvey Bd. | · polles | Pd. | | Ound | Begal | |
| 3 | | , | • | Address | 6558 Ten | st Pict. | |
| | | | | Addiess | Gress Ct. | 11. 1142 | 40 |
| | | | | | | | _{Νο} |
| Street Address & City of Well Location Locate with "X" in Section Below | | | | | me As Well Locatio | | |
| Locate with X in Section Below | 5 K | etch Map: | | 4 WELL DEPTH | MO. I PAY I | YEAR Now Wel | l . |
| | 1 | | | FT. | 18181 | PS Replacem | nent Well |
| │ | Hirrey | | | 5 Cable to | ol Rotary | Driven | Dug |
| | | | - | Hallow re | od Auger | Jetted | |
| w | | | | 6 USE: Dom | nestic Type I | Public | Typo III Public |
| | 10 Her | | | ☐ Irriga | | _ | Heat pump |
| | 7 1 | X | | Test | | = | noot pamp |
| | 2/ | | | 7 CASING: Diameter | 10: 1 T T | | |
| \$ | 2 | | | Diameter | Steel Thread | 1 " | e/Below |
| 1 MILE | | 7.110111500 | DEDTH TO | • | Plastic Welder | Surface | ft. |
| 2 FORMATION DESCR | RIPTION | THICKNESS OF | DEPTH TO BOTTOM OF | | ft. depth | Weight | lbs /ft |
| | | STRATUM | STRATUM | | Hole Diameter | i <u>.</u> | |
| | | | | in. to | oft. depth | Drive Shoe | 1 |
| | | | | in. ţı | ft. depth | | □ No |
| | | | | 8 SCREEN: 🦼 | * | ☐ Not In: | stalled |
| | | | | Type 🎻 | , | Diameter | 1 |
| | <u> </u> | | | 18 | | | 1 |
| | | | | (3.50°) | | • | |
| | ···· | | | | ft | | |
| | | | | 15 | K-Packer | | remer Check |
| | | | | 9 STATIC WAT | ove screenf | t. Other | |
| | | | 4 | 3 STATIC WATE | LIT LLVEI | | |
| | 77-7-7 | | | | ft. below land | | Flow |
| | | | | 10 PUMPING LE | EVEL: below land su | rface | |
| | | | | | ft. after hrs | pumping at | G.P.M. |
| | | ļ. | <i>*</i> | | ft. aftor hrs | oumping at | G.P.M. |
| | | | | | | | |
| | | | | 11 WELL HEAD | | apter 12° a | bove grade |
| | | | | COMPLETIO | N: Basement | | - |
| | | 91 | | 12 WELL GROU | ITED? | | |
| | | | | | ∐ No [| Yes From | to tt.] |
| | | 24 | | Neat cer | ment Bentor | nite Other | |
| | | | | | _ | _ | |
| | CEIVE | | | | of cement | | |
| / t 5. | - V L I V E | ا سا | | | rce of possible conta | | _ |
| | | | | } '' | Distan | | |
| | SEP 27 193 | | | | d upon completion? | Ļ Yes ☐ No | |
| | AFI 7 1860 | | | Was old well p | lugged? | ∐ Yes LJ No |) |
| g*** 11 24 mm | 7. 0. 1A 40*** C**** A 1 | | | 14 PUMP: | Not installed | Pump Insti | allation Only |
| ENVIR | DNMENTAL HEAL | TH | | Manufacture | r's name F | 7 . Woll | , |
| | | | | Model pumb | er 4 F10 606-3 | OSE -1 | 110 230 |
| | | | | | 117 | _ft. capacity | |
| | | | | Length of Dr | 7 | n. capacity | G.P.M. |
| | | | | | Submersible | Jet | |
| | | | | PRESSURE T Manufacture | <i>(</i> | Aire | |
| | EEDED NOV 1 | 1993 | | | | Capacity 10 | 25 Marie |
| USE A 2ND SHEET IF N | BUREAU OF EN | | 10 IAMATE | Model numb | ACTORIC CERTIFIE | Capacity / C | Gallons Gallons |
| 15. Remarks, elevation, source of o | Jata, etc. | HOUNTENT | AP AND ET | \ vvell CUN∫K I was drilled unde | ACTOR & CERTIFIC | JATIUN: I this report is true | |
| | BURFAU OF EN | LICAL TH. | the be | est of my knowled | dge and belief. | . and report is find | |
| | OCCUPATION | IF DEVELLE | n | lattle | , 1 | 26.0 | 2629 |
| Trackellen | 000- | | | REGISTERED BUSIN | IESS NAME | REGISTRATIO | |
| 17. Rig Operator's Name: | | | Address | 4601 | Page Av | ٠ | |
| Scott + March | | | , 1991 699 | 0 = | + 100- 1 | 7 13 | 27 67 |
| 7000 | | | Signed _ | Carried Control | To proper war | Date | -27-93 |

D67d 2/89

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

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

WATER WELL AND PUMP RECORD

| 93- | O | 1 | 8 | 2 | 6 | |
|-----|----|---|-----|----|---|--|
| PER | МП | N | JMB | ER | | |

| 1 LOCATION OF WELL | | | | | | |
|--|-----------------|-----------------------|---------------------------|---|-----------------------|---------------------|
| County Township Name | | Fraction | | Section Number | Town Number | Range Number |
| Distance And Direction From Road Intersection | | 55 1/45 | # 1/4NW 1/4 3 OWNER OF | | 2 N/0 | 2 E/S |
| NORLOF Old US-12 2 Miles | | | 5 OWNER OF | IJAV | id L He | FFAIR |
| West of Muschbach Ry | | | Address | | Henrt | rg c |
| Street Address & City of Well Location 3725 Not | 1 . 1 | 101 | | | CY Mi | No |
| Locate with "X" in Section Below | etch Map: | >y/vpm | 4 WELL DEPTH | me As Well Location | on? Yes | No |
| CA PICALO | | | 63 FT. | 5 14 | PO YEAR A New We | nent Well |
| | | | 5 Cable to | -4- | | Dug |
| l x | | | ☐ Hollow r | | Jetted | |
| The state of the s | V No | they Re | 6 USE: Dom | _ | _ | Type III Public |
| | | CO EX NO | ∐ krriga ∏ Test | = " | | Heat pump |
| | 1-44 |) | 7 CASING: | Well Type II Steel Thread | | 0/8-110/ |
| 1 MILE | | | Diameter 7 | astic Welde | | |
| 2 FORMATION DESCRIPTION | THICKNESS OF | DEPTH TO BOTTOM OF | | ft. depth | Weight PVC | |
| | STRATUM | STRATUM | Grounted Drill | t. depth Hole Diameter | Drive Char | Yes |
| Sprick | 12 | 12 | | ft depth | Drive Shee | ☐ Yes |
| 1 - | | 16 | 8 SCREEN: | o ft depth | Not in | |
| Sand & Gravel - Some water | 1 15 | 27 | Type Jay | co puc | Diameter 31/2 | |
| Rel Clay & Gravel | 11 | 38 | Slot/Care _ | 2 <u>5</u> 58 1 | Length 6 P4 | |
| | | ~ . | FITTINGS: | K-Packer | Lead Packer B | rt. Bremer Check |
| Ked Clay | 13 | 5/ | Blank at | ove screen | ft. Other | 1444 |
| | 12 | 63 | 9 STATIC WATE | | | |
| Water Soul | 10 | 65 | | ft. below land | | Flow |
| | | | 45 | 11 attar 2 hrs | pumping at 4/5 | CDM |
| | | | | | pumping at | |
| F-46.19 to decision | | | | | | |
| | | | 11 WELL HEAD COMPLETIO | N: 🗮 Filless au | | hove grade |
| | | | 12 WELL GROU | TED? | t offset Appro | |
| | | | | | | |
| | | | ∐ Neat cei | _ | | |
| · · | | | | ce of possible conta | | |
| | | | Type No. | MC Distan | iceft. Direc | tion |
| | 736 5000 | | Well disinfecte | d upon completion? | Yes No | |
| MAYS | 2 | | Was old well p | lugged? | Yes No | · |
| may 2 _{6 1893} | | | 14 PUMP: | Not Installed | | allation Only |
| ENVIRONMENTAL HE | | | | r's name | | |
| UNMENTAL | , | | | | HP Vo ft. capacity | |
| 12.175 | ALTH | | TYPE: | Submersible | | |
| | | | PRESSURE T | | | |
| USE A 2ND SHEET IF NEEDED | | 1 | Model number | | Capacity | |
| 15. Remarks, elevation, source of data, etc. | | | WELL CONTR. | ACTOR'S CERTIFIC | CATION: | Gairons |
| Well installed and williams | late at | | was drilled under | er my jurisdiction and lge and belief. | this report is true | |
| Mich. Dept. of Pul | | | berts | Co | 47-172 | r s |
| 17 Rig Operator's Name | | | REGISTERED BUSIN | | RECHETRATION | y NO. |
| 17. Mig Operator's Name: | 993 | Address | 3450 1 | tcor for 1 | er I INCH | Sir li Ca |
| D674 2/89 EGGS AT OF CARRODMA | 650501 AB | Signed _ | AUTHORIZ | ED REPRESENTATIVE | Date <u>5-</u> _ | 12-53 |

DUREAU OF ETVIRONMENTAL AND OSCUPATIONAL HEALTH-GWQS

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

MICHIGAN DEPARTMENT OF PUBLIC HEALTH
WATER WELL AND PUMP RECORD

| y 255 | • ' | | | | | | |
|-------|-----|-----|----|-----|----|---|---|
| | 9 | 3 | 0 | 1 | 5 | 3 | 2 |
| | PE | RMI | ΓN | JMB | ER | • | |

| 1 LOCATION OF WELL | | | | | | | |
|--|-----------------------|------------------|---|------------------------------|---|------------------------------------|---------------------|
| County To | wnship Name 57LVAN | | Fraction | E 1/4 NW/4 | Section Number | Town Number | Range Number |
| Distance And Direction From Road Inters | ection a Va Na USA | 4 10 | | 3 OWNER OF | WELLGARY | REGAL | |
| | * | | | Address | 4558 | TRIST R | • |
| Street Address & City of Well Location | 5 Nott | 7) | | | | LAKE, MI | _ |
| Locate with "X" in Section Below | Ske | etch Man 7 | TON | Address Sa 4 WELL DEPTH | | n? Yes X | |
| | | Noi | 1 Jane | 125 FT. | 8 18 | New Wel | nent Well |
| | | Ca | un warg | 5 Cable too | | Driven | ∐ Dug |
| w = - = - | | 1 | | 6 USE: Dom | estic Type I | | Type III Public |
| | | X | | ☐ Irriga ☐ Test | | _ | Heat pump |
| | | | des. | 7 CASING: Diameter | Steel Thread | ed Height: Abov | e/ Bolow |
| 1 MILE | | THICKNESS | DEPTH TO | | Plastic Welder 196 196 108 108 108 108 108 108 108 10 | Surface | |
| 2 FORMATION DESCRIF | PTION | OF STRATUM | BOTTOM OF STRATUM | in. to | Hole Diameter | " | |
| Clay | | 4 | U | 7.7/2 in. to | Hole Diameter of t depth | Drive Shoe | Yes No |
| | | | | 8 SCREEN: | ft depth | Not In: | stalled |
| Sand | | 25 | 29 | | · · · | | |
| Gravel | | 11 | 40 | Set between | | , and1 | |
| Gray Clay | | 30 | 70 | | K-Packer ove screen1 | Lead Packer | fremer Check |
| 7 | | | | 9 STATIC WATE | R LEVEL: | | |
| Sand | | | 75 | 10 PUMPING LE | ft. below land | surface rface | Flow |
| Clay + STones | | 22 | 87 | 125 | ft. after <u>3</u> hrs. | pumping at <u>50</u> | G.P.M. |
| Sandrock, Shale | lime | 3 | 90 | | ft. after hrs. | pumping at | _ G.P.M. |
| , | 11111 | | | 11 WELL HEAD COMPLETION | | | bove grade |
| Sandrock | | 3ა | 125 | 12 WELL GROU | TED? No. (| offset Appro | |
| | | | | Neat cer | ment A Bento | nite Othor | C 847 |
| | | | | _ | of cement | | |
| V | | | | | ce of possible conta | mination ce <u>75</u> ft. Direc | 11 |
| 12.4 | · + | | | .,,== | d upon completion? | Yes No | 1 |
| The state of the s | | | | Was old well p | | Yes No | |
| | 15 1.5 134 | | | , | Not Installed | Pump Insta | allation Only |
| | | | | Model numbe | or | HP Vo | l l |
| | | | • | _ | op Pipe | ft. capacity | Į. |
| | | | | PRESSURE T | _ | | |
| USE A 2ND SHEET IF NEED | DED | | A Commence of the Commence of | ĺ | | Capacity | Gallons |
| 15. Remarks, elevation, source of da | ta, etc. | 1993 | This wel | WELL CONTRA | ACTOR'S CERTIFIC | CATION: | |
| | 4. 19 | core transported | to the be | est of my knowled | lge and belief. | | |
| 17. Rig Operator's Name: | President Comments | HEALTH | 00 03 | Y'S WELT REGISTERED BUSIN | ESS NAME | 23-2033 REGISTRATION | |
| TERRY | DOME STREET | | | 4 | ILEVUE HW | OLIVET, | MI -22 -23 |
| D67d 2/89 | | | Signed _ | AUTHORIZ | ED REPRESENTATIVE | Date | 20 10 |

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

| TAX NO: MICHIGAN DEPA | | | _ | PERMIT NO: | |
|---|----------------------------------|--------------------------|-----------------------------|----------------------|------------------------------|
| 1. LOCATION OF WELL WATER WEL | PUMP REC | MP RECORD 93-0/826 | | | |
| County Township Name | Frac | ction | Section No. | Town No. | Range No. |
| WAShECHAN SYIVANI | SE | 1/4 5 61/4 NL 1/4 | 18 | 2-11 | 3-1= |
| Distance and Direction from Boad Intersection | | 3. OWNERO | F WELL | quid He | FFnen |
| Nonth or old US 12 2 mile | 5 | Address | 128 | 25 Not | be XV |
| west of Musthback Rd | | l | | | |
| | , , | Address S | د الکار ame as Well Loca | c/sep Mi | ملا |
| Street Address & City of Well Location 3725 Nothing Rule Locate with 'x' in Section Below Sketch | √ S y /y/∂ h Man | 4. WELL DEP | | 16 | New Well |
| _ | | 4. Well ber | | 1 = | Replacement Well |
| CAVENBUGH LIK | KUS | 5. Cable | | 3 7% | Driven Dug |
| | | T Hollow | | | Jetted Z |
| * | | | Household Ty | | Type III Bublic |
| 1 1 MI. | _ | \ | | | Heat Pymp |
| No tecno As | | <u> </u> | Test Well Ty | /pe IIb Public 🔲 | |
| 5 5 1915 | 1 | 7. CASING. | Steel Tr | readed Hei | ght Above/Below |
| | HICKNESS DEP | THTO | Plastic W | elded Suri | face:ft |
| 2. FORMATION DESCRIPTION s | OP BOTTO | THTO OM OF ATUM | Other | ft domin land | / ight:lbs <i>/</i> ft. |
| | | Diameter: | | ft. depth Wei | Aur |
| INStalled Pumping Equipmen | 4 | BORE HOL | | 9/ | Drive Shae |
| IN WILL DO HELD 5-17-93 | | Diameter; | | | Shale Packer |
| | | | | ft. depth | |
| Penmit # 93-01826 | | | ☐ Not Installed | Gravel-Pa | |
| | | | | | er |
| that you want to the control of the | | Set Betwee | | \ / | ft. |
| United States | | FITTINGS: | K-Packe | / \ | |
| V-, • v. , C., | | ☐ ☐ Blank A | bave Screen | ft. Other_ | |
| | | 9. STATIC W | ATER LEVEL: | \ _ | |
| 05 12 H3 02 12 wd | | | ft. Below Land | Surface \ | Flowing |
| | | 10. PUMPING | LEVEL: Below La | • | |
| | | | ft. Afte/ | hrs. Pumping | atG.P.M. |
| | | L Plunge | | | rest Pump |
| | | 11. WELL HEA | D COMPLETION: | 12" Abo | ve Grade |
| | | | ent Offset | Well Ho | |
| HECEIVE | <u>ر</u> | 12. WELL GRO | / | Yes From | |
| | | Near | | | Other |
| FEB 14 | 1220 | No. of Bags | | Additives | |
| ENV. HE | MATT | 13: NEAREST | SOURCE OF POS | SSIBLE CONTAMIN | NATION: |
| ENV HE | P. | Туре | | | Direction |
| USE A 2ND SHEET IF NEEDED | N | <u> Туре</u> | Dis | | Direction |
| 15. ABANDONED WELL PLUGGED? Yes No | 5 | 14. PUMP: | ☐ Not Installed | | stallation Only |
| Casing Diameterin. Depthft. | 6 | | er's Name RE | | / Valla = = = |
| | Sentonite Slurry | Model Num | Drop Pipe | | /2 Volts 230 y 10 G.P. M. |
| ☐ Cement/Bentonite Slurry ☐ Concrete Grout ☐ B | entonite Chips | TYPE: | Sabmersible | Jet Oth | , - |
| No. of Bags Casing Removed? Y | es 🗌 No | PRESSUR | | | |
| 16. REMARKS: (Elevation, Source of Data, etc.) | | | er'a Name | pollengen | |
| | | Model Num | ber PC-122 | Capacity_ | 125 Gallons 60 |
| | | CONTRACTOR'S CER | | | |
| | This well was a knowledge and | drilled under my jurisdi | ction and this rep | ort is true to the b | pest of my |
| 17. DRILLING MACHINE OPERATOR: | | Kaha | its Co | 47 | -1789 |
| | REGISTERED BUSIN | ESS NAME | Dar | | REGISTRATION NO. |
| | Address 35 | 150 Hook | en Kul | Hincken | Mi- |
| GW-2-228 9/93 | Signed | AD Mass | | Date | -6-56 |

GEOLOGICAL SURVEY COPY

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

| | | *************************************** |
|---|------------------------------------|--|
| I hocation of Well County | FractiogWsW 1/1 1/1 1 | Section Number Town Number Range Number Ran |
| Distance and Direction From Road Intersection Address 6386 INCHESS 3699 NOTTEN ROAD SALINB Street Address and City of Well Location | ! ! | 3 Owner of Well GLANOUR HOMES/FISCHER (G386 Jackson Rel ANN ARBOR MI 48103- Address Same as Well Location? No |
| 3 | CAVANGA AN | 4 Well Depth (Completed) Date of Completion 07/26/94 89 ft. New Well 5 Drilling Method ROTARY 6 Proposed Use DOMESTIC |
| PORMATION DESCRIPTION GRAVEL | of Bottom of Stratum Stratum 46 46 | |
| RECEIV | L | 9 Static Water Level 15 Ft. Below Land Surface Flow 10 Pumping Level Below Land Surface 20 G.P.H. 20 ft. after 2 hrs. pumping at 20 G.P.H. 11 Well Head Completion PITLESS ADAPTER 12 Well Grouted Yes From 0 to 30 ft. PRESSURE GROUT No. of bags of cement Additives BENSEAL/GEL |
| ENVIRONMENTAL | i | 13 Nearest Source of Possible Contamination Type SBFTIC SYSTEM Distance/25 Direction Well disinfected upon completion? Yes Was old well plugged? No |
| Rig Operator's Name JOHN THERRIAN 16 WATEN WELL CONTRACTOR'S CERTIFICATION This well was drilled under my jurisdiction, report is true to the best of my knowledge a REGISTERED DUSINESS NAME ANN ARBOR WELL DRILLIN REGISTRATION NUMBER 1290 ADDRESS P.O. BOX 163 SIGNED CONTRACTOR'S CERTIFICATION ATE ATE ATE SIGNED CONTRACTOR'S CERTIFICATION ATE ATE ATE ATE ATE ATE ATE AT | and this nd belief. | 14 Pump Installed Pump Installation Only? No Hanufacturer's Name REDJACKET Hodel Number 9BC Length of Brop Pipe 40 ft. Capacity Type SUBMERSIBLE Pressure Tank Name WELL X-TROL Pressure Tank Nodel 203 AUTHORITY: Act 368 PA 1978 COMPLETION: Required. PENALTY: Conviction of a violation of any provision is ntative) misdemeanor. IMPORTANT: File with deed. |

3687 NOTTEN

MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL AND PUMP RECORD

| 94 | 03 | 658 |
|-----|--------|-------|
| PER | IN TIE | JMBER |

| GEOLOGICAL SURVEY NO. | WATER V | VELL AND P | UMP REC | ORD | 94 PE | RMIT NUMBER | | |
|--|-------------------------|----------------------|--------------------------------------|---|----------------------------|----------------------------|--|--|
| LOCATION OF WELL | ownship Name | Fraction | | Section Number | Town Number | Range Number | | |
| WASHTENAW | SYLVAN | | E % NW % | 18 | 2· \$ | 3 E | | |
| Distance And Direction From Road | | | 3 OWNER | | <u> </u> | | | |
| LOT | | | | 225 M | & DEBORAH KESZ IDDIF | LER | | |
| 3687 NOTTEN GRASS LAKE 49240 | | | Address 225 MIDDLE CHELSEA, MI 48118 | | | | | |
| Street Address & City of Well Lo Locate with "X" in Section Below | cation Sketch Map | | Addres | ss Same As Well Lo | cation? NO Completed | | | |
| N N | 1 CAVANAUGH | | | | | IEW WELL | | |
| Parent | | | 5 DRILLII | NG METHOD: | TARY | | | |
| | NOTTE | N RD | 6 USE: | KO | IAKI | | | |
| W E | .) 12 | | | | MESTIC | | | |
| y ₂ N | II. (II.:6115 | ACK RD. | 7 CASING | PLASTIC | Н | leight: ABOVE | | |
| | 194 \ MUSHBI | *CF 170 | Diame | ter <u>5</u> " to <u>88</u> ter " to | ft. depth | urface 1' | | |
| \$ « | Latitude: Longitude: | | | ter" to routed Drill Hole | l | leight SDR 21 | | |
| « | I THICKNESS | DEPTH YO | | | | rive Shoe: NO | | |
| 2 FORMATION DESCRIPTION | OF STRATUM | BOTTOM OF STRATUM | | 9 " to <u>80</u> " to | ft, depth | i i ve silve: NU | | |
| SAND | 46 | 46 | 8 SCREEN | : Type NOT INST | ALLED Diamet | er " Nominal | | |
| GRAY CLAY | 39 | 85 | | | Ler | | | |
| SAND ROCK | 32 | 117 | 1 | | | and ft. | | |
| | | | - FITTING | GS: | Blank above | screen ft. | | |
| | | | 9 STATIC 19 | WATER LEVEL ft. below land su | rface Fl | ow: NO | | |
| | | | 10 PUMPI | NG LEVEL: below (| and surface | | | |
| | | | | ft. after 2 hrs. | | | | |
| | | | | ft. after hrs. | pumping at | _ G.P.M. | | |
| | NX | | 11 WELL | HEAD COMPLETION: | PITLESS | ADAPTOR | | |
| 7 |) | | 12 WELL | GROUTED? YES | | | | |
| 1/2 | | | | <u>EAL</u> From <u>O</u> t bags of cement. A | | | | |
| | | | 13 Neare | st source of conta | mination | **** | | |
| 6.1 1.1 2.1 | | | Wel | l disinfected upon | completion? | Direction <u>NE</u> YES | | |
| | | | Was 14 PUMP: | old well plugged? | | | | |
| | RE | CEIVED | Manu | facturers name <u>RE</u> | | | | |
| | *** | 0.0 100# | Mode Lena | I number <u>50SEWI-9B</u> th of Drop Pipe <u>4</u> | C HP 1/2 5 ft. capacity | | | |
| MS40894 358202 10/25/94 | NOV- | 28 1994 - | Туре | SUBMERSIBLE SURE TANK: | _ , . | . — | | |
| PS40894 358202 WELLS AWC 5-1 1" | PVC ENV. | HEALTH | Manu | facturers Name <u>AMT</u> l Number <u>WX 203</u> | | ity 9.9 Gallons | | |
| 15. Remarks, elevation, source | of data, etc. | 16. WATER L | FLL CONTRAC | TOR'S CERTIFICATION | N: | | | |
| | | true | to the bes | t of my knowledge | and belief. | | | |
| 17. Rig Operator's Name: | | | | ling Co., Inc. | | -0524 STRATION NO. | | |
| • | r wing | . المام 8 | | BUSINESS NAME O Dekter Chelsea R | | | | |
| D67d 2/89 CDCW11482P1444 | | Sign | ned The | te a. Cl | and | Date 11119 | | |
| | | | W AUTH | ORIZED REPRESENTAT | IVE | A 1978 | | |

File with deed. IMPORTANT:

Authority: Act 300 ...

Completion: Required

Penalty: Conviction of a violation misdemeanor.

| APR # & 1975 | | | |
|--|-----------------|-------------------------------|---|
| W. C. A. W. Oct. A. | WATER | | |
| 1 LOCATION OF WELL | ACT 29 | 4 PA 190 | PUBLIC HEALTH |
| WASL TENAY SVIVIA | V | Fraction S | Section Number Town Number Range Number 2 WS. 3 E/W. 3 OWNER OF WELL: LARRY WITE MATTYPER Address 26700 DAVISON |
| Distance And Direction from Road Intersections | F I 9 | 4 1911 | 3 OWNER OF WELL: LARRY WHECK IT VER |
| Block god WEST OF M | ottEN | | Address 26700 DAVISON |
| Street address & City of Well Location | | | DET MICK 48239 4 WELL DEPTH: (completed) Date of Completion |
| Locate with X In section below Sketc | h Mapy NIF C | | 4 WELL DEPTH: (completed) Date of Completion 3/1/1/3 |
| Locate with "X" in section below Sketch | 200 | | 5 Cable tool Rotary Driven Dug |
| No/ | 1 1/2 | | Hollow rod Jetted Bored |
| 10 | | | 6 USE: Comestic Public Supply Industry Irrigation Air Conditioning Commercial |
| 1 1 1 ML | | | Test Well |
| 1 MILE | | | 7 CASING: Threaded Welded Height: Above/Below Surface 2 ft. |
| 2 FORMATION | THICKNESS | DEPTH TO BOTTOM OF | 4 in. to 3 t. Depth Weight // Ibs./ft. |
| - Committee | STRATUM | STRATUM | in. toft. Depth Drive Shoe? Yes No 8 SCREEN: |
| VELLOW SANG | 25 | ر ھ | |
| BLCE CLIFY | 43 | 18 | Type: Dia.: 3 Slot/Game / C/ Length Set between / K ft. and 5 2 ft. |
| DECE CLAY | 75 | 10 | l etce |
| MATER SANC | 52 | 9 | 9 STATIC WATER LEVEL |
| | | | ft. below land surface |
| | 1 | | 10 PUMPING LEVEL below land surface |
| | | | ft. after 4hrs. pumping / 5 g.p.m. |
| | | | |
| | | | 11 WATER QUALITY in Parts Per Million: 1ron (Fe) Chlorides (CI) |
| N. Company | | | |
| · | | | Hardness Other |
| | | | Pitless Adapter 12" Above Grade |
| | | · | 13 Well Grouted? Yes No Neat Cement Bentonite |
| | | | Depth: Fromft. toft. |
| | | | 14 Nearest Source of possible contamination |
| | | | Well disinfected upon completion Yes No |
| | | | 15 PUMP: Not installed |
| | | | Manufacturer's Name HP Volts |
| UP STORY DRIVER, DEM NO. | | | Length of Drop Pipeft, capacityG.P.M. |
| Miller of the By | | | Type: Submersible |
| A CONTRACTOR OF THE CONTRACTOR | | | JetReciprocating |
| 16 Remarks, elevation, source of data, atc. | 1 | 17 WATER V | WELL CONTRACTOR'S CERTIFICATION: |
| Josy 1-70 | | This well to the be SZZ | I was drilled under my jurisdiction and this report is true st of my knowledge and belief. PHAN WELL DRILLING 180 TERED BUSINESS NAME REGISTRATION NO. 66 85 SIX MILL NORTH NORTH LEFT |
| | | (| Danie II Stoppen Date 3/14/75 |
| D67d 100M (Rev. 12-68) | | Signed 💆 | AUTHORIZED REPRESENTATIVE Date 3/4/3 |

| GEOLOGICAL SURVEY SAMPLE No. | | | | | المن المناط | | |
|--|-----------------|-----------------|-----------------------|-----------------------------------|-----------------------|---|--------------|
| APR 0 5 1979 | | | | | | | |
| AI II V D 1010 | | WATER Y | | | | MICHIGAN DEPA | ARTMENT |
| LOCATION OF WELL | | ACT 29 | 94 PA 196 | ŝ5 | | OF PUBLIC HEA | \LTH |
| | wnship Name | | Fraction | | Section Number | Town Number | Range Number |
| Washtenaw | Sy lv an | | SW 1/4 | SE ₁₄ SE ₁₄ | 1 8 | T2S N/S. | R3E E/V |
| istance And Direction from Road Int | ersections | | | 3 OWNER OF | | J | |
| 1/4 mi E Notten & Kil | mer Hoads | | | Address | Jeff Hug | | |
| Kilmer Road | | | | / latifold | 6651 Wer | kner Michigan | |
| treet address & City of Wall Location Locate with "X" in section below | | tch Map: | | 4 WELL DEPTH | | Date of Completio | ·n |
| | | | | 130 | ft. | | |
| | []-] | Notten | | 5 X Cable to | | | |
| | | | | Hollow | od Deti | ed Bore | d 🔲 |
| ~ - - - - - - - - - | | X Ki | lmer | 6 USE: Don | | lic Supply | Industry |
| ½ M1. | | | | Irrig | | Conditioning | Commercial |
| | | | | | reade XX Welde | d Height: Ab | our /Potour |
| S NILE | , | | | Diam. | Inducative Maine | Surface 1 | |
| FORMATION | | THICKNESS OF | DEPTH TO BOTTOM OF | 4 in. to | 92 ft. Dep | | 11 lbs./ft. |
| FORMATION | | STRATUM | STRATUM | | ft, Dep | th Drive Shoe | ? Yes 🗶 No |
| | | | | 8 SCREEN: | | | |
| Sand | | | 22 | | | Dia.; | |
| C l ay | | 68 | 00 | 4 | | Length | |
| O.E.C., y | | 00 | 90/ | Set between Fittings: | ft, and | ft. | |
| Black shale | | 40 | 130 | Fittings: | | | |
| | | | | 9 STATIC WAT | ER LEVEL | | |
| | | | | | ft, below land su | | |
| | | | | | EVEL below land | | |
| | | | | | nr. arternrs. | pumping 15 | G.h.III. |
| | | | | | ft, afterhrs. | pumping | g.p.m. |
| | | | | | LITY in Parts Per | | |
| | | | | Iron (Fe) | Chic | rides (CI) | |
| | | | | | | | |
| | | - | | Hardness _ | Othe | In Approved P | i. |
| | | | | | | 12" Above Gr | |
| | | | | 13 Well Groute | d? Yes X No |) | |
| | | | | Neat C | ement Bento | nite 🔲 | |
| | | | | Depth: Fro | mft. | toft. | |
| | | | | 4 | rce of possible o | iontamination ion <u>s</u> tank | T |
| | | | | , | | on s tank etion X Yes [] | |
| | | <u> </u> | | 15 PUMP: | | Vot installed | |
| An. | | | | Manufacture | | ermotor | |
| ADDED INFO BY DRILL | ER, IYEM NO | | | | | HP1/2 Volt | |
| THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM | 10. | | | Length of D | rop Pipe 75 f | t, capacity 📆 🤇 | i.P.M. |
| *AUDITION BY ELEVATION | 1/a | | | Туре: 🕱 | Submersible | _ | |
| MENTH 16: BULL | , (. • | - | | - □ | Jet [| Reciprocating | |
| USE A 2ND SHEET IF NE | EDED | | | | | | |
| 6 Remarks, elevation, source of | | | 17 WATER | WELL CONTRA | CTOR'S CERTIF | ICATION: | |
| | | | This wel | I was drilled un | | on and this report | is true |
| | | | | | | REGISTR | 7/2 |

| GEOLOGICAL SURVEY SAMPLE No. | | | | | |
|--|----------------------------|----------------------------------|--|---|---|
| OCT 4 1972 | WATER N | | | MICH | HIGAN DEPARTMENT |
| 1 LOCATION OF WELL | ACT 28 | 94 PA 198 | ° 🖈 | f | PUBLIC HEALTH |
| County Township Na | | Fraction | · · · · · · · · · · · · · · · · · · · | ction Number Tow | |
| Washtenaw Sylv Distance And Direction from Road Intersections | | Mar 14 N | E 4 SW 4 | | res _{n/s.} rse _{e/w.} |
| 150' S Notten & Muschbac | oh Rds | | And | Ristete | r ard Blvd. Apt 204 |
| 3516 Notten Road Street address & City of Well Location | - WAY (AT) | | Far | mington, l | Michigan 48024 |
| Locate with "X" in section below | Sketch Map: | | 1 | completed) Date | of Completion /21/72 |
| | Notten | | 1.55 5 Cable tool | | |
| | | | Hollow rod | Jetted | Bored |
| w - | Mushbao | h | 6 USE: 🔼 Damest | | |
| | Mastrogo |) <u> </u> | ☐ Irrigati ☐Test We | | itioning Commercial |
| | | | 7 CASING: Threa | | Height: Above/@#### |
| 1 MILE | | | Diam. | | Surfaceft. |
| 2 FORMATION | THICKNESS OF STRATUM | DEPTH TO BOTTOM OF STRATUM | 1 | | Weight1bs./ft. Drive Shoe? YesNo |
| | SIRATUM | SIRATUM | 8 SCREEN: | n. Deptn | DELAG 20065, ARE TAMO |
| Clay and sand | 40 | 40 | Type: non | 9 Dia | a.: |
| Con 2 man about | 20 | 40 | 1 | Lei | |
| Sand and shale | 20_ | 60 | Set between Fittings; | ft, and | ft. |
| Sand and shale | 10 | 70 | | | |
| | | | 9 STATIC WATER I | | |
| Send and gravel w/shale | 20 | (30) | | below land surface EL below land surfa | |
| Hard black drilling shall | Le 35 | 125 | 40ft. | afte l 8 hrs. pump | ing15_ g.p.m. |
| | | 370 | £, | ofter has numb | ina an m |
| Layers of shale & sands | tone 5 | 130 | | Y in Parts Per Mill | ing g.p.m. ion; |
| Sandstone | 5 | 135 | (ron (Fe) | Chlorides | (CI) |
| Tanana ad Iduachana & se | | 145 | Hardnaes | Other | |
| Layers of limestone & se | and acous To | 140 | | OMPLETION: 1 | |
| Layers of shale & sands | tone 10 | 155 | Pitles | s Adapter 1 | 2" Above Grade |
| | | | 13 Well Grouted? | | |
| | | | 1 — | ent Bentonite | ft. |
| | | | | of possible contar | mination |
| | | | | Direction _ | |
| | | | Well disinfecte | d upon completion | |
| | | | | Not in | & Walling |
| ADDED EARO, BY DRILLER. III | iaa eus | | Model Number | B7BK18 | HP 14 Volts 220 |
| | | | 1 | Pipe 80 _ft.cap | _ |
| *CORRECTED BY | | | Type; 🛖 Subr | | 3/4 HP |
| ◆◆ADDITION BY | | | | _ | |
| USE A ZND SHEET IF NEEDED 16 Remarks, elevation, source of data, etc. | | 17 WATER | L WELL CONTRACTO | OR'S CERTIFICAT | TION: |
| l | | | l was drilled under est of my knowledge | | d this report is true |
| waster. | , | l | | | REGISTRATION NO. |
| Wash. County Dermit Sy | 13-77 | l | | | |
| 1 Section 1 | ري (- بي ر | Address | / DOOD BTOO | al-regard | Jackson, Michigan |
| | | Signed _ | Sherwan | Laylon | Date 8/11/72 |
| D67d 100M (Rev. 12-68) | | - | AUTHORIZED REPRES | DENTATIVE * * | - • |

| GEOLOGICAL SURVEY SAMPLE No. | | ." | | | | | |
|---|---------------------------------------|-------------------|--|----------------------------|--|--|---------------|
| SEP 091974 | | WATER | | | MI | CHIGAN DEPA | RTMENT |
| 1 LOCATION OF WELL | | ACT 294 | PA 196 | | | OF PUBLIC HEA | |
| County | Township Name | | Fraction | | | | Range Number |
| WASHTENAW Distance And Direction from Road | SYL UA | N | 10 m/40 | W 14S 1214 3 OWNER OF V | 18 | 2 M/S. | 3 E/# |
| Distance And Direction from Road ABOUT. 2 MILC AND ABOUT 2001 | CHATH OF | NOTTEN | RU. | | TOM 13 | SELL SE | 200 |
| AND 413047 200. | 154851 | TILMER | 1810. | Address | ORASSLK. | , MICH | · / () · |
| Street address & City of Well Loca Locat with "X" in section below | tion | etch Map: | | | l: (completed) Da | | |
| N N | | | | 79 | 9 ft. 3 | 2-2-74 | |
| | RILMES | 2 (213 | | 5 Caple to | ol Rotary | Drive | h-1 |
| W | SILVE | | | 6 USE: Don | | | Industry |
| | 9 | | | | - | The second secon | Commercial |
| | | | - | Tast | | · · | |
| X . | Si | | | 7 CASING: TI | readed Welded | Height: Abo | |
| 1 MILE | | THICKNESS | DEPTH TO | , , | ft, Depth | | |
| 2 FORMATIO | N | OF STRATUM | BOTTOM OF STRATUM | in. to | ft, Depth | | ? Yes No |
| SAMO VICTA | 15. 1 | 72' | 12" | 1 | UNE | Die | |
| SAND- YELLO | | | . / | Slot/Gauze | | Length | |
| CLAY- | | 30 | 42 | Set between | ft. and | | |
| CLAYASANDN | | 230 | 65 | Fittings: | € | | |
| | | | | 9 STATIC WAT | | | 3 |
| SANDSTONE +BLA WATE | CK SHALL | 14 | 79 | | ft, below land surf | 454 | **** |
| WATE | 4 | | | £ | ft, after 2 hrs. pu | | g.p.m. |
| | | | | | • | _ | |
| | | | | 1 | ft. after <u>2</u> hrs. pu ALITY in Parts Per N | | g.p.m. |
| | | | | | NOTKN | | |
| | | | | 1 | , , , , , | | |
| | | | | | Other Other | | |
| | | | | 1 | itless Adapter | | |
| | | | | <u> </u> | ed? Yes No | | |
| | | | | 1 — | ement Bentonit | | |
| | | | | 14 Nearest So | urce of possible cor | ntamination | |
| | | | | | SOUTIT Direction | | |
| | | | | Well disinf | ected upon completi | on Fres | VO |
| | | | | Manufactur | er's Name REL | 24 | |
| | | | | Model Num | ber 909P051 | HP <u>\$_</u> Vol1 | ts <u>220</u> |
| | | | | -1 | Orop Pipe <u>42</u> ft. Submersible | capacity // (| 3.P.M. |
| | | | | | | Reciprocating | |
| | | | | | | | |
| 16 Remarks, elevation, source | | | | | CTOR'S CERTIFIC | | |
| WELL CASED | ROBED INFO BY ORI | LER HEM NO. | to the hi | est of my knowl | nder my jurisdiction edge and belief. | | |
| | * CORRECTED BY | | 4NN A | RBOR W | ELL DRILL S NAME | LING CO | ATION NO. |
| Cu 17-7 | 3 ADDITION BY | 1/P | | | OHT RP. | ANNAI | RBOR |
| 3 7 77 | DEPTH TO STA | 7 | ************************************** | D | alla: 1. | Date 2 | 15.711 |
| 100M (Rev. 12-68) | e e e e e e e e e e e e e e e e e e e | , 1/21 16 14 1644 | Signed | AUTHORIZED RE | PRESENTATIVE | Date | 12 /7 |

| GEOLOGICAL SURVEY SAMPLE No. | | | | | | | |
|--|----------------------------|----------------------------------|--|----------------------|---------------------|-----------------------|--|
| SEP 06 1979 | WATER V | ELL REC | ORD | М | ICHIGAN DEP | ARTMENT | |
| 1 LOCATION OF WELL | AG1 20- | | ENW) | | PUBLIC HEA | | |
| County Township Name | al | Fraction 1/4 | Section 1/4 1/4 3 OWNER OF WELL: | _ | Town Number | Range Nu | E/•₩• |
| NE corner of Murkbuch & Ce | varangle It | ãi. | Address (/ | R. Ba | wers much be | rch K | d. |
| Street address & City of well Location | | <i>+</i> | A MELL DEPTH | helder | ate of Completic | <u>(-</u> | |
| Lacate with X in section delow | Sketch Map: | | 4 WELL DEPTH: (comp | | 1 1 | 18 | |
| * | March 11 | | 5 Cable tool Hollow rod | Rotary | y Driv | en _ | Dug |
| W E STATE OF THE S | | - Children Color and the | 6 USE: Domestic | | Supply [| Industry | |
| - - - | | | Test Well | | | | |
| S S S S S S S S S S S S S S S S S S S | | | 7 CASING: Threaded | ≱ Welded∣ | I | ove/Balew ft. | |
| 2 FORMATION | THICKNESS OF STRATUM | DEPTH TO BOTTOM OF STRATUM | in. to | eft. Depth | 1 | | |
| 5000 | 0 | 45 | 8 SCREEN: | | | | <u>l</u> |
| Sandy Clay | 95 | 10 | | ft. and | Length 110 | ALL | £ |
| much | 19 | 87 | Fittings: 3" plu | | K- Pack | w | |
| Clair | 3 | 92 | 9 STATIC WATER LEVE | w land surf | face | | |
| Jandy Clay | 12 | 104) | 10 PUMPING LEVEL be | | | g.p.n | n. |
| Rocks | 14 | 118 | | r 2 hrs. p | | <u>)</u> g.p.n | n. |
| | 4 | | 11 WATER QUALITY in | , | ~ | | |
| | | | Madaga | Other | • | | |
| | | | 12 WELL HEAD COMPL | | In Approved | Pit | |
| | | | Pitless A | | 12" Above G | irade | |
| | | | Well Grouted? K Y | | te [] [M | 16 | |
| | | | Depth: From | | o All fi | • | |
| | | | 14 Nearest Source of p | 1 | on <u>Alplier</u> | Junk | Туре |
| | | | Well disinfected up | | | No | |
| | | | Manufacturer's Nam | 10.3 8 | ot installed yarkil | ers "à | |
| | | | Model Number | <u> </u> | | lts <u> </u> | <u>) </u> |
| | | | Type: 🔀 Submers | •• | _ | | |
| • | | | Jet | L | Reciprocating | | |
| ADDENSINADEN SWELLER THE THE TABLE TO THE THE TRANSPORT OF THE TRANSPORT O | | | WELL CONTRACTOR'S | | | | |
| **AUDITION BY | | This well | II was drilled under my est of my knowledge and | d belief. ' | 11.5 | t is true 1:2 07/1 | ı |
| DEPTH TO ROCK | | REGI | STERED BUSINESS NAME | De | LCUA A | RATION NO. | 45 · 344 |
| 7 | : | Address | 1015 Yang | CO_ | JA J | ILL Y | 4/30 |
| • | | Signed 2 | AUTHORIZED REPRESENT | ATIVE | Date | 100/0 | 19 |
| D67d 100M (Rev. 12-68) | | | | · · · · - | | , | |

D67d

| CEOLOGICAL SUBVEY CAUBLE No. | | | |
|--|-----------------|-----------------------|---|
| GEOLOGICAL SURVEY SAMPLE No. | | | |
| W | ATER WE | | RD MICHIGAN DEPARTMENT OF |
| \ | ACT 294 | PA 1965 | PUBLIC HEALTH |
| 1 LOCATION OF WELL | | Fraction | Section No. Town Range |
| County Wash Twp. Sylvan | | 1/4 | 4 4 7 Z N/S. 3 EM. |
| Distance And Direction from Road Intersections | | | |
| CURNER OF LUVELBUST OW | NER No | | 3 OWNER OF WELL: Charles Young |
| Distance And Direction from Road Intersections ON ENERS DE LOVELAGUE OW TLAVANAUGH LE RESECTIONS OW | - COR | NER) | Address 4115 LOVELAND Rd |
| Street address & City of Well Location 4/15 LOV | ELAN | <u>d</u> | ChELSER Mich. |
| 2 FORMATION | THICKNESS OF | DEPTH TO BOTTOM OF | 4 WELL DEPTH: (completed) Date of Completion |
| 2 FORMATION | STRATUM | STRATUM | 67 ft. |
| 5 / // 77 6/2 | | 11 | 5 🗷 Cable tool 🗌 Rotary 🗍 Driven 🗎 Dug |
| JANA MIXED WITH CLAY | // | // | Hollow rod Jetted Bored J |
| SAND MIXED WITH CLAY FINE SAND GRAVEL | 49 | 60 | 6 USE: Domestic Public Supply Industry |
| TINE SANA | // | 1.7 | Test Well |
| 10 - 11 - 1 | 70 | | 7 CASING: Threoded Welded Height: Above/Selow |
| GKAVEL | 7 - | | Diam. 1 Precioed 1 Precioed 1 Precipit: Above 1 |
| | | | Weight // lbs/ft. |
| | | | in. toft. Depth Drive Shoe? Yes No |
| | | | 8 SCREEN: |
| | | | Type: WW Cook Dia. 334 |
| | | | Slot/Goore 35 Length 4 |
| | | | , |
| | | | 1 |
| | | | Fittings: packer 4 paking |
| | | | 9 STATIC WATER LEVEL |
| | | | 10 PUMPING LEVEL below land surface |
| | | | 24 ft. after 2 hrs. pumping 20 g.p.m. |
| | | | ft. afterhrs. pumpingg.p.m. |
| | | | |
| | | | 11 WATER QUALITY in Parts Per Million: |
| | | | fron (Pe)Chlorides (Cl) |
| | | | Hardness |
| | | | 12 WELL HEAD COMPLETION: In Approved Pit |
| | | | Pitless Adapter 12'' Above Grade |
| | | | 13 GROUTING: |
| | | | Well Grouted? Yes No |
| | | } | Material: Neat Cement |
| | | | Depth: Fromft. toft. |
| | | | 14 SANITARY: |
| | | - | Nearest Source of possible contamination Direction Type |
| HILLTOP PLUMBING CLELSMA INSTAL | | | Well disinfected upon completion Yes No |
| | ' | | 15 PUMP: |
| CLELSEA INSIAL | 4119 | | Manufacturer's Name |
| 7) | J | | Model Number HP |
| | 1 | 1 | Land A Day Dina for appoint G P M |

D67D 100M 6-66 NIG - 9 18

16 Remarks, elevation, source of data, etc.

ADDED INFO. BY DRILLER, ITEM NO.

*CORRECTED BY:

++ADDITION BY

Reciprocating

Type: Submersible

GEOLOGICAL SURVEY NO.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

| ED | W/EII | | DIIMAD | KECOKD | |
|----|-------|------|--------|----------|---------------|
| En | AAFFF | 711D | LOIM | ILLOUILD | PERMIT NUMBEI |

| 1 LOCATION OF WELL | | | | |
|--|-------------------------|--|---|---|
| County Township Name | المسائد إلى | Fraction SC 1/45 | E 1/2 Section Number Town Number Range N | E/V |
| Distance And Direction From Road Intersection | of K | | 3 OWNER OF WELL: Surset Bldg. | Co. |
| 19919 9 Jessimus | rr r ga | • | Address 52/2 Jackso | 27/ |
| (he Dea! M1 4/8/ | 11 | | anni Milan M | 11/2 |
| Street Address & City of Well Location | · · | 1 | Address Same As Well Location? Yes No | 7110 |
| Locate with "X" in Section Below | cetch Map | h Rd | 4 WELL DEPTH: Date Completed New Well | |
| | | | 129 FT. 10 21 17 Replacement Well 5 Cable tool Rotary Driven | Dug |
| | UA DADE | 6. 1K Rd | Hollow rod Auger Jetted |] |
| W E TO THE PROPERTY OF THE | er en en en en en en en | CALL STREET, S | 6 USE: Domestic Type I Public Type III Pu | blic |
| MI. | | | ☐ Irrigation ☐ Type IIa Public ☐ Heat pum | Р |
| | | | 7 CASING: Steel Threaded Height: Above/Below | |
| 1 MILE | | | | *************************************** |
| | THICKNESS | DEPTH TO BOTTOM OF | | -21 |
| 2 FORMATION DESCRIPTION | STRATUM | STRATUM | in. to ft. depth Gross d Drill Hele Diameter in. to ft. depth ft. depth Drive Shoe Yes | |
| Sand - Harry | 30 | 30 | l Ma | |
| ti i | | 11- | 8 SCREEN: And Installed | |
| Thaul Sand | 15 | 45 | Type Diameter | |
| Jane (line) | 15 | 70 | Slot/Gauze Length | |
| sym June | ~~ | (2) | Set betweenft. andft. FITTINGS: K-Packer Lead Packer Bremer Ch. | ack |
| Sandy May Clas | 25 | 95) | Blank above screenft. Other | |
| | 12 | 107 | 9 STATIC WATER LEVEL: ft. below land surface | |
| Ame sack | / | 101 | ft. below land surface FI | ow |
| Jana rock | 2 | 109 | 28 ft, after 2 hrs. pumping at 12 G.P.M. | |
| Thene rock | 9 | 118 | ft. after hrs. pumping at G.P.M. | |
| Sand sack | 2 | 120 | 11 WELL HEAD COMPLETION: Pitless adapter 12" above grad Approved pit | e |
| Prince speck 1 | 5 | 125 | 12 WELL GROUTED? No Yes From to | tt. |
| 7 | 4 | 120 | Neat cament Bentonite Other | |
| Jana sack | / | 129. | No. of bags of cement Additives | |
| | | | Type Sep 1 Co Distence It Direction | W |
| PEARLUET | | | Well disinfected upon completion? Yes No | |
| RECEIVED | | | Was old well plugged? Yes No | |
| | | | 14 PUMP: Not installed Pump installation O | nly |
| NOV 1 4 1988 | - | | Manufacturer's name ARM SHOPEC Volts 2 | 220 |
| | TH | | Length of Drop Pipe 15 ft. capacity. | G.P.M. |
| ENVIRONMENTAL HEA | · Dept. o | EIVED | TVDE: Submersible 1 (et | |
| | | Public ! | Callinessure TANK: Manufecturer's name Am Shol | |
| USE A 2ND SHEET IF NEEDED | DEC | 9 1988 | Model number 203 Capacity 9.9. | Gallons |
| | il of Engli | AC MACATE | DIMELL CONTRACTOR'S CERTISICATION. | 200 200 5 |
| Okar | ipational F | iealth ^{o, th} a | h Well CONTRACTOR'S CENTRICATION. Stephe drilled under my jurisdiction and this report is true) stephe my knowledge and belief. | 1 |
| | - /2004 - \$ | | nother Skilling Co., | Me |
| 17, Rig Operator's Name: | | Address | REGISTERED BUSINESS AME PRISTRATION NO. | Sept |
| Barry Clark - Kg | est lo | gned | Soll a. Clast Date 10/21 | 188 1 |
| D67d 12/85 | | 0 | AUTHORIZED REPRESENTATIVE Authority: Act 368 PA 15 Completion: Required | 78 |

| | | MICHIGAN DEPARTMENT OF PUBLIC HEALTH |
|-----------------------|------|--------------------------------------|
| SEOLOGICAL SURVEY NO. | l 1. | WATER WELL AND DUMP DECORD |

| £ y | | 5 | 8 | O |
|-----|--------|------|---|---|
| PER | MIT NU | JMBE | R | |

| 1 LOCATION OF WELL | | | | | | | |
|--|-------------------|---------------------------|-----------------------|--------------------|-------------------------------|------------------------|-------------------|
| County | Township Name | | Fraction | | Section Number | Town Number | Range Number |
| WASHTENAW | SYLVAN | | 1/4 | 1/4 1/4 | 7 | 2 NS) | 3 AW |
| Distance And Direction From Road In | | | | 3 OWNER OF | WELL: | 1 | |
| Distance With Preschort From Bose at | 10,00000 | | 8 | | KEN 6 | WR1815 | , |
| | | | | . | 4260 1 | 1USHBAC | K |
| | | | | Address | 2400 | | ***** |
| · | | | | | ChELSE | | |
| Street Address & City of Well Location | on . | | | Address Sa | ime As Well Location | on? Yes L | J No |
| Locate with "X" in Section Below | | etch Map: | | 4 WELL DEPT | H: Date Complete | ed New We | ell |
| | | | | 97 FT. | | 80 Replacer | |
| | | | | | | | · |
| - - - - - | | | | 5 Cable to | | _ | Dug |
| | | | | Hollow r | | Jetted | |
| w | | | | 6 USE: Don | nestic Type I | Public | Type III Public |
| | | | | Irrig | ation Type I | la Public | Heat pump |
| | | | | Tes | | | |
| | | | | | | | ru/Below |
| | | | | 7 CASING: Diameter | Steel | . ! | |
| 1 MILE | | | | 41. | Plastic Welde | Ottilion | |
| 0 500144701 550 | COLOTION | THICKNESS OF | DEPTH TO BOTTOM OF | 1 | o <i>90</i> ft. depth | Weight | lbs./ft. |
| 2 FORMATION DESC | CUIL LION | STRATUM | STRATUM | | o, ft. depth | | |
| 1 1 | | | - | | Il Hole Diameter to ft. depth | Drive Shoe | _ |
| BR CLAY- GR | PAILEI | 26 | 26 | | o ft. depth | ļ. | □ No |
| | | | | 8 SCREEN: | tt. doptii | □ Not in | antallad |
| BLUE CLAY MUDDY BRA GREY SHAL | | 100 | SA | _ | | | |
| DLUE CLAY | | 62 | | | ck well | | |
| | و مورد | 2 | an | Slot/Gauze | | Length | |
| MUDDY BRA | VEL | 2 | 70 | Set hetwee | nf | t, and | .ft. |
| 4 | | *** | | EITTINGS: | K-Packer | Lead Packer | Bremer Check |
| GREV SHAL | r en | | 97 | | bove screen | | |
| Un - / 3/1/7 L | fire | | <u> </u> | 9 STATIC WAT | ER LEVEL: | OHIOI | |
| | | | | 21 | | | Flow |
| | | | | 5/ | ft. below land | | L HOW |
| | | | | 10 PUMPING L | EVEL: below land s | чпасе | |
| | | | | 2 | ft. after 3 hrs. | pumping at _35 | G.P.M. |
| | | | | | ft. after hrs. | | ľ |
| | | | | | CUUM | | |
| | | | | 11 WELL HEAD | Pitless a | | above grade |
| | | | | COMPLETIO | | _ | i |
| | | | | 12 WELL COO | | | |
| | | | | 12 WELL GHU | UTED? No | Yes From | to ft. |
| | | | 100 | A. 125 1 5 1 | | 34, 1337 | |
| | | | , * | Neat c | ement 🔲 Bent | onite L Other - | |
| | | | · · | No of hans | of cement | Additives | |
| | | | 1. | 13 Nearest so | arce of possible con | amination | |
| | | | (±, | | E 4 D Dista | | ection /// |
| | | | | 1 | | . | No |
| | | | | 1 | ed upon completion? | | i |
| | | | | Was old well | plugged? | | No |
| | | | | 14 PUMP: | Not installed | Pump Ins | stallation Only |
| | | | | Manufacture | er's name <u>Go</u> | | |
| | | F133** | 199, Long 3 10 - | | | HP 3/4- \ | John 7 2/3 |
| | | lob NE | VEIVED | | ber 11-E-1 | | |
| | ** | ich. Dept. | of Public | 1 3-7-24 to 22 5.4 | rop Pipe 63 | ft. capacity | G.P.M. |
| | 4 | * Comme | ~~ | TYPE | Submersible | Jet | |
| | 1 1 3/ 2 v 2 · | DEC | 9 1000 | PRESSURE | TANK: | | 744 |
| | | | 1300 | Manufactur | er's name WE | L.X. | 1066 |
| | e NEEDEN | an of Eu | diam | Model num | ber WX-25 | Capacity | 8 ○Gallons |
| USE A 2ND SHEET H | of data ato | Choational | 116 WATE | ALK AND A | RACTOR'S CERTIF | | |
| 15. Remarks, elevation, source of | * . * | - may . | This we | Il Was drilled un | der my jurisdiction a | nd this report is true | ı |
| · · | 54 7 3 | .: | to the b | est of my knowl | edge and belief. | | |
| | Mary Mary Charles | | Cont | 45- | 1 1 1 2 2 2 1 | 7m/0 | 657 |
| | | | | REGISTERED BUS | INESS NAME | REGISTRATI | ION NO. |
| 17. Rig Operator's Name: | 16.22. | $\langle i_H \rangle_{i}$ | A 44 | WHITH | | · KAS. | |
| 1 1.00 | | | Aggress | 111 | 7 11 11 | | |
| L. GOTT | | | Signed | BARRE | 2 Jokk | 9 . Date | 1-11-88 |
| De74 12/95 | | | _ Ungried | AUTHO | IZED REPRESENTATIVE | | |

| GEOLOGICAL SURVEY SAMPLE NO. | | |
|---|----------------|---|
| | WATER WELL | |
| 1 LOCATION OF WELL DEC 0.1 197 | | PUBLIC HEALTH |
| County, Township Nan | floan | Section Number Town Number Range Number 4 4 5 E 4 7 = 2 W/S. 3 E/V |
| Distance And Direction from Road Intersections 19800 analyses | | 3 OWNER OF WELL: J & Colombo |
| | | Address 11131 Scio Church Kd |
| Street address & City of Well Location Locata with "X" in section below | Sketch Map: | 4 WELL DEPTH: (completed) Date of Completion |
| | 20 | 5 Cable tool Rotary Driven Du |
| I when the two | , <i>U</i> | Hollow rod Jetted Bored |
| MI. | | Irrigation Air Conditioning Commercial |
| \$ | | 7 CASING: Threaded Welded Height; Above/8-tow- |
| 2 FORMATION | THICKNESS DEPT | H TO Y in. to 8/ft. Depth Weight // lbs./ft. |
| 2 FORMATION | STRATUM STRA | in. toft. Depth Drive Shoe? Yes No |
| Sans | 30 30 | Type: Dia.: |
| Bl. Clar | 30 6 | Slot/Gauze Length Set betweenft. andft. |
| 5600 924 | 35 9 | Fittings; |
| Sign in the s | | 9 STATIC WATER LEVEL Of the below land surface |
| | | 10 PUMPING LEVEL below land surface |
| | | 60 ft, after 2 hrs. pumping /2 g.p.m. |
| | | ft, afterhrs, pumping g.p.m. |
| | | 11 WATER QUALITY in Parts Per Million; Iron (Fe) Chlorides (Ci) |
| | | |
| | | 12 WELL HEAD COMPLETION: In Approved Pit |
| | | Pitless Adapter 12" Above Grade |
| | | 13 Well Grouted? Yes No Neat Cement Bentonite |
| | | Depth; Fromft, toft. 14 Nearest Source of possible contamination |
| | | 100 feet S Direction State Tv |
| | | Well disinfected upon completion ✓ Yes No |
| | | Manufacturer's Name |
| | | Model Number 777705/ HP 2 Volts 220 |
| | | Length of Drop Pipe 2 ft. capacity 6.P.M. Type: Submersible |
| | | Jet Reciprocating |
| USE A 2ND SHEET IF NEEDED | | |
| 16 Remarks, elevation, source of data, etc. | Thi | ATER WELL CONTRACTOR'S CERTIFICATION: is well was drilled under my indisdiction and this report is true the past of my individual and belief. |
| Works. County | dealth (i | REGISTERED BUSINESS NAME REGISTRATION NO. |
| Works. County) | Ad | dress de enter mich |
| 1 0200001 03 / // | ' | aned Authorized REPRESENTATIVE Date 10-27-7/ |
| 100M (Rev. 12-68) | | <i>a</i> |

| GEOLOGICAL SURVEY SAMPLE No. | | | |
|--|-----------------|------------------------|--|
| OCT-1 4 1981 | WATER 1 | WELL DE | |
| | WATER \ ACT 29 | | |
| 1 LOCATION OF WELL County , Township Name | | <i>⊃(</i> Fraction | Section Number Town Number Range Number |
| WASH SYLVAI | (*) | 1/4 | 14 14 7 2 2 3 /s. 3 E/ 4 . |
| Distance And Direction from Road Intersections | <u> </u> | | 2 OWNER OF WELL |
| | | | Address 15660 CAVANAVOIT LE LO |
| 7016 | | | |
| Street address & City of Well Location Salve Locate with "X" in section below Skel | tch Map: | | 4 WELL DEPTH: (completed) Date of Completion |
| Skell | icii Mab: | | 73 ft. 12-12-80 |
| | | | 5 Cable tool K 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/Balow |
| 1 MILE | | | Diam. Surfaceft, |
| 2 FORMATION | THICKNESS OF | DEPTH TO BOTTOM OF | 4 in, to 69ft, Depth Weight 1/1bs./ft. |
| - Comments | STRATUM | STRATUM | in. toft, Depth Drive Shoe7 Yes No Depth |
| SAND | 73 | 73 | |
| SHND | 13 | / | Type: WWSTAINLESS Dia.: 334 Slot/Genzo 12 Length 4 |
| | | | Set between 69 ft. and 7.3 ft. |
| | | | Fittings: PACKER + PLUC |
| | | | 9 STATIC WATER LEVEL |
| | | | 50 ft, below land surface |
| | | | 10 PUMPING LEVEL below land surface |
| | | | 55 ft. after 2 hrs. pumping /2 g.p.m. |
| | | | fa office has supplied to the |
| | | | ft, afterhrs. pumpingg.p.m. 11 WATER QUALITY in Parts Per Million: |
| | | | tron (Fe) Chlorides (CI) |
| | | | |
| | _ | | Hardness Other |
| | | | In Approved Pit In Approved Pit |
| | | | 13 Well Grouted? X Yes No |
| | | | Neat Cement Bentonite |
| | | | Depth: Fromft, toft, |
| | | | 14 Nearest Source of possible contamination 100 feet Direction |
| | | | Well disinfected upon completion Yes No |
| | | | 15 PUMP: Not installed |
| 1 | | | Manufacturer's Name AED JACKET |
| AND WIND BY DRILLING LEAD | | | Model Number Solul-Care / Evolts 230 |
| | | | Length of Drop Pipe ft, capacity G.P.M. |
| WORRECTED BY | | | Type: Submersible Jet Reciprocating |
| ••ADRITION and | | | |
| USE A 2ND SHEET IF NEEDED | | 17 18/ 4 7 7 7 7 | MENT CONTRACTOR'S CERTIFICATION: |
| 16 Remarks, elevation, source of data, etc. | | This wel | WELL CONTRACTOR'S CERTIFICATION: Wes drilled under my jurisdiction and this report is true |
| | | to the de | est of my knowledge and belief. 21866 The Link Luc 81-1586 |
| 84-15-80 | | REGI | STERED BUSINESS NAME REGISTRATION NO. |
| 0,00 | | Address | HEXTER MI |
| | | _ | Charles Chewa Date 12-12-80 |
| | | Signed _ | AUTHORIZED REPRESENTATIVE Date |

100M (Rev. 12-68)

D67d

| GEOLOGICAL SURVEY SAMPLE No. | | | |
|--|--------------------------------------|-----------------------|--|
| SEP 0 6 1979 | MICHIGAN DEPARTMENT OF PUBLIC HEALTH | | |
| County Township Name | | Fraction | Section Number Town Number Range Number |
| Washtenaw Sylvan Distance And Direction from Road Intersections | | NW 145. | E 1SE 14 7 T2S N/S. R3E E/W. |
| 1/5 mi W Mushbach & Cavanaugh Lak | e Road | | Bruce Grossman |
| Cavanaugh Lake Road (15700) | | | Address 1726 Hamlet Ypsilanti, Michigan 48197 |
| Street address & City of Well Location Locate with "X" in section below Sk | atala Moor | | 4 WELL DEPTH: (completed) Date of Completion |
| Locate Will A III section below | etch Map: | 4. | |
| | muska | eic . | 66 ft. 6/12/79 5 ★ Cable tool |
| | Caurus | | Hollow rod Jetted Bored |
| | Caurus | ingh | 6 USE: Domestic Public Supply Industry |
| | 2 | e pl. | ☐ Irrigation ☐ Air Conditioning ☐ Commercial |
| | ļ | | 7 CASING: Threaded X Welded Height: Above/Sebew |
| 1 MILE | | | Surfaceft. |
| 2 FORMATION | THICKNESS OF | DEPTH TO BOTTOM OF | 4 in. to 63 ft, Depth Weight 17 lbs./ft, |
| | STRATUM | STRATUM | in, toft. Depth Drive Shoe? Yes No |
| Sand and gravel | 66 | 66 | Type:stainless Dia.: 4" |
| MARKET STATE OF THE STATE OF TH | | | Slot/Gauze 010 Length 4. |
| | | | Set between 63 ft. and 66 ft. |
| | | | Fittings: plug, seal and riser |
| | | | 9 STATIC WATER LEVEL |
| | | | 25 ft, below land surface |
| | | | 10 PUMPING LEVEL below land surface |
| | | | ft, after 1_ hrs. pumping30g.p.m. |
| | | | ft. after hrs. pumping g.p.m. |
| | | · | 11 WATER QUALITY in Parts Per Million: |
| | | ····· | Iron (Fe) Chlorides (CI) |
| | | | · |
| | | | Hardness Other 12 WELL HEAD COMPLETION: In Approved Pit |
| | | | Pitless Adapter 12" Above Grade |
| | | | 13 Well Grouted? Yes 🗷 No |
| | | | Neat Cement Bentonite |
| | | | Depth: Fromft, toft. 14 Nearest Source of possible contamination |
| | | , | 50 feet W Direction s tanks Type |
| | | | Well disinfected upon completion 🗶 Yes 🗌 No |
| | | | 15 PUMP: Not installed |
| | | | Manufacturer's Name Aermotor |
| ADDED INFO BY DRIELER, HEM NO. | | | Model Number <u>A75D</u> HP <u>3/4</u> Volts <u>230</u> Length of Drop Pipe <u>50</u> ft. capacity <u>19</u> G,P,M, |
| PERMECIED BY | 71 | | Type: XXSubmersible |
| * Aportion BY | | | Jet Reciprocating |
| ELEVATION TO SHEET IS USED | | | |
| DEPTH TO ROCK 2ND SHEET IF NEW 16 Remarks, elevation, source of data, etc. | | 17 WATER V | VELL CONTRACTOR'S CERTIFICATION: |
| · | | | was drilled under my jurisdiction and this report is true st of my knowledge and belief. |
| Permit S/4-79 | | | thers Drillers. Inc. 167 TERED BUSINESS NAME REGISTRATION NO. |
| 544-79 | | Address | 6655 Brooklyn Rd., Jackson, Michigan 4920 |
| J | | Signed | Melinelle Date 8/17/79 |
| D67d 100M (Rev. 12-68) | | | THE CONTRACT THE PROPERTY OF T |