

ESE No. 493-8087-0004

**Report of Phase I
Environmental Assessment
146-Acre Site
Within Dewitt Township**

Location:

Section 21
T. 5 N. — R. 2 W.
Dewitt Township
Clinton County, Michigan

Prepared for:

Ms. Angela Bidlack
10003 Parkland Drive
Wexford, Pennsylvania 15090

Prepared by:

Environmental Science & Engineering, Inc.
1099 West Grand River Avenue
Williamston, Michigan 48895

August 30, 1993



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1.0 INTRODUCTION

Ms. Angela Bidlack has retained Environmental Science & Engineering, Inc. (ESE) to conduct a Transaction Screen (Appendix A) and a Phase I Environmental Assessment of a 146-acre farm site located in Dewitt Township, Clinton County, Michigan (Figure 1). A copy of the property Certified Survey Map is presented as Appendix B.

The investigation was conducted in accordance to guidelines established by the American Society for Testing and Materials (ASTM) and consisted of the following items:

- A physical inspection of the property
 - This inspection included observations for unusual discolorations or odors, debris, stressed vegetation, and evidence of underground storage tanks (USTs) or PCB-containing transformers. Also noted during the site visit were adjacent properties and their uses with respect to potential environmental contamination.
- A records search including assembling and reviewing available historical, local, federal, and state files relative to potential environmental contamination
 - The records search included a review of aerial photographs, city directories, and review of local, state, and federal environmental agency information. Current listings of sites of known environmental contamination were reviewed to determine if such sites were within a ¼- to 1-mile radius from the site.

2.0 SITE DESCRIPTION

2.1 Location

The property is located approximately one quarter of a mile west of Highway 27 (Figure 1). The north, west, and part of the south boundary of the property is bordered by Solon, Turner, and Stoll roads, respectively. Residential and vacant property is to the east of the subject site.

2.2 Natural Setting

According to the Lansing North, Michigan Quadrangle USGS topographic map, the 146-acre site covers a southerly sloping setting with vertical relief ranging from 870 to 840 feet above the National Geodetic Vertical Datum. This site rests on end moraines of medium textured till, bordered to the north by glacial outwash, and medium textured glacial till to the south. Moraines are primarily accumulations of unsorted glacial sediments known as tills, which form in direct contact with melting ice lobes or tongues. Michigan tills are typically clay-rich, but do contain coarser sediments, ranging in grain-size from silt and sand to gravel, cobbles and even large boulders.

The 1981 Hydrogeologic Atlas of Michigan, together with water well records (Appendix C) for the surrounding district obtained through the Michigan Department of Natural Resource (MDNR), Geological Survey, confirm the study area to be underlain by 51 to 100 feet of unconsolidated glacial till deposits composed dominantly of clay with interbedded layers of sand and gravel of various textures. The records show that domestic, public, and commercial water is supplied in the area through wells screened in glacial drift aquifers. The bedrock beneath the glacial sediments is identified as the Coldwater Formation of Early to Middle Mississippian age (335 to 345 million years old).

Surface water runoff in this area is to the east-southeast along Gunderman Lake Drain and Prairie Creek, to the south of the property. This creek and lake drain follows northeast, merging with Chandler drain into the Looking Glass River, approximately 5 miles to the north-northeast. Surface drainage should follow the established local

topographic gradient created by stream dissection, and is therefore expected to follow this route.

Typical groundwater movement should follow a similar southerly path and discharge to the creek. However, the site-specific hydrogeologic situation cannot be accurately appraised without detailed subsurface hydrogeological information.

3.0 SITE HISTORY

The historical ownership and land use of the subject property was compiled through reviews of aerial photographs, Polk City directories, the Bresser's Index, and Clinton County plat books.

3.1 Aerial Photographs

Aerial photographs of the vicinity were obtained from the Center for Remote Sensing located at Michigan State University. Photographs were available for review from the years 1940, 1972, and 1980. These photographs were examined to review the development of the study area in addition to identifying nearby locations that would indicate potential sources of environmental contamination.

The aerial photograph from 1940, depicts the overall region, including the study site, as farmland. With the exception of a small wooded area along the south border of the property, the property is cleared land. A building is adjacent to the north central boundary of the subject site. However, no suspect environmental activities were apparent in the photograph.

The 1972 and 1980 photographs show substantial growth of residential developments and highways. The subject site was depicted the same as it had appeared on the 1940 photograph. However, nothing was noted that would raise concern regarding environmental improprieties.

3.2 City Directories

Polk City directories were available for the area of the subject site, but an address of the subject site was not included. A Clinton County Rural Directory for 1940 listed 150 W. Stoll as the address for Michael O'Neill.

3.3 Ownership History and Land Use

According to Ms. Bidlack; her parents, Michael R. and Angela M. O'Neill; and her aunt and uncle, Arthur J. and Antoinette Faggion, jointly obtained the subject site via Land Contract. The subject site was purchased from Louis G. Lietzke and Clara M. Lietzke on January 20, 1957. Several years of Clinton County plat books listed M. O'Neil and A. Faggion as owners of the subject site.

According to Liber 339, Page 754 of Clinton County Records of Deeds, a Quit Claim Deed of the subject site dated 18 August 1989, indicated ownership was to Antoinette C. Faggion Bommarito; Michael R. O'Neill, Trustee; and Angela M. O'Neill, Trustee.

4.0 REGULATORY REVIEW

A review of known and potential sites of environmental concern was conducted to identify such sites located within the vicinity of the subject site, which included information extracted from federal, state, and local databases. The table below list the sites of concern and the search radii.

List	Search Distance (miles)
National Priorities List for CERCLA Remedial Actions (NPL)	1
Federal Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) List	1/2
Federal Resource Conservation and Recovery (RCRA) Treatment Storage and Disposal Facilities (TSD) List	1
Federal RCRA Generators	Property and Adjoining Properties
Michigan Act 307 List	1
Michigan State Landfills	1/2
Municipal Landfills	1/2
Michigan Leaking Underground Storage Tank (LUST) Site List	1/2
Michigan State Registered USTs	Property and Adjoining Properties

Neither the subject site nor any of the sites within the radii of concern were listed in any of the reference database. According to Ms. Arlene Williams of the MDNR, Environmental Response Division, the MDNR does not maintain a file pertaining to the subject site.

5.0 SITE INSPECTION

The site visit was conducted on April 13, 1993, by Maggie Henderson of ESE. A subsequent site review was also performed on July 21, 1993. The walkover was comprised of a visual inspection of the subject property and adjacent properties to identify potential sources of environmental contamination. The site is agricultural land which is primarily surrounded residential and other agricultural properties. With the exception of a wooded section to the south and a small clump of trees to the northwest, the site is primarily cleared land.

During the walkover of the subject site and observation of the surrounding properties, no indications of environmental contamination were observed. Although seasonal conditions did not allow for definitive assessment of stressed vegetation, there were no other indicators which could establish suspicion of environmental contamination such as stained soils, debris, or noxious odors emanating from the property. Industrial operations are not located on any of the adjoining sites.

No evidence of USTs were observed on the subject site or adjacent properties. The State Fire Marshal's office was also contacted regarding USTs on or near the property. A records search conducted by Ms. Terri Harmon of the State Fire Marshal's office confirmed that there are no USTs on the subject site or adjacent properties. In addition no electrical equipment or transformers were observed during the walkover of the subject site.

Other than seasonal conditions, there were no notable changes to the subject site and surrounding properties during the July 21, 1993, site review.

6.0 CONCLUSIONS

Based upon information obtained during this investigation, it does not appear that any gross contamination has occurred at the subject property nor does it appear to be a point source for the release of environmental contaminants. No visual signs of contamination were identified during the site visit. Available historical information indicates that the subject site has been used as agricultural land. There are no known sites of environmental concern within the vicinity of the subject site.

In the best professional judgement of ESE, the scope of the subject audit was sufficient to discover contamination, given the nature and specific circumstances of the site. The conclusions provided by ESE are based solely on the scope of work conducted and on observations made at the time the services were rendered. No other warranty, expressed or implied, is made as to the professional opinions included by ESE in this report.

Figure 1



0 2000 4000
feet

Site Location

146 Acre Site within Dewitt Township

Section 21, T.5N, R.2W.,
Dewitt Township,
Clinton County, Michigan

Project #493-8087

Adapted from USGS 7.5' topographic quadrangle:
Lansing North, Mich., 1980.



Environmental
Science &
Engineering, Inc.

Appendix A

Transaction Screen



Environmental
Science &
Engineering, Inc.

April 20, 1993

Ms. Angela Bidlack
10003 Parkland Drive
Wexford, Pennsylvania 15090

**RE: Transaction Screen of a 144-Acre Site Located Within Dewitt Township,
Clinton County, Michigan - ESE Project No. 493-8087**

Dear Ms. Bidlack:

Environmental Science & Engineering, Inc. (ESE) conducted a Transaction Screen (TS) of a 144 acre site located within the East ½ of the Southwest ¼ and West ½ of the Southeast ¼ of Section 21, Township 5 North, Range 2 West, Dewitt Township, Clinton County, Michigan. The TS may allow the user to conclude that no further inquiry is needed to assess the potential for identifying any recognized environmental condition at the property and hence that performance of the TS Process constitutes appropriate inquiry without undertaking a Phase I Environmental Site Assessment.

This letter/report has been prepared to describe events and activities which transpired during the course of this TS and conclusions made by ESE as a results of this investigation. The events of this TS included a site visit, Transaction Screen Questionnaire (TSQ), and government record/historical sources inquiry. These tasks were performed by Maggie A. Henderson of ESE during April 13 and 14, 1993.

Site Visit

A site inspection which included visual observation of the property and surrounding areas was conducted on April 13, 1993. The subject site is agricultural land which is primarily surrounded by residential and other agricultural properties. The north, west, and part of the south boundary are bordered by Solon, Turner, and Stoll Roads, respectively. With the exception of a wooded section to the south and a small clump of trees to the northwest, the site is primarily cleared land.

During the walk-over of the subject site and observation of the surrounding properties, no indications of environmental contamination was observed. Although seasonal conditions did not allow for definitive assessment of stressed vegetation, there were no other indicators which could establish suspicion of environmental contamination such as stained soil, debris,

4938087L.001

Ms. Angela Bidlack
April 20, 1993
Page 2

or noxious odors emanating from the property. Also, there are no industrial operations on any of the adjoining properties.

Transaction Screen Questionnaire

The Transaction Screen process consists of asking questions of owners and occupants of property who observed site conditions at the property. The property is not occupied. The attached TSQ was answered by Ms. Angela Bidlack, the owner's daughter and representative. Ms. Bidlack has lived on the property and is knowledgeable about site conditions.

The purpose of the TSQ is to discover the potential for or any environmental concerns which may pertain to the subject site. Ms. Bidlack's responses to the TSQ indicate that there are no known or suspect environmental contamination which has occurred at the subject site. Also, the subject site has not been identified by any government agency as a point source for the release of environmental contamination.

Government Records/Historical Sources Inquiry

The Dewitt Township Office was contacted regarding industrial operation within the vicinity of the subject site. According to Officer Dalton, a Dewitt Township Police Officer, to his knowledge there has never been any industrial facilities located at or within the vicinity of the subject site.

Federal, state, and local government record systems lists were reviewed to determine if the subject site or any adjacent property are included on any of these lists. The results of this review indicate that neither the subject site nor any adjacent property are included on these lists. A sanitarian from Clinton County Health Department, Environmental Health Services, reported that there are no Solid Waste/Landfill Facilities within the vicinity of the subject site. The government record systems list and the considered circumference of the subject site are noted below:

- National Priorities List - (1.0 mile)
- CERCLIS List - (0.5 mile)
- RCRA TSD Facility - (1.0 mile)
- Leaking Underground Storage Tank (LUST) List - (0.5 mile)
- Solid Waste/Landfill Facilities - (0.5 mile)

Conclusion

The Transaction Screen of the site described as a 144 acre site located within the East ½ of the Southwest ¼ and West ½ of Southeast ¼ of Section 21, Township 5 North, Range 2 West, Dewitt Township, Clinton County, Michigan, included a site visit; TSQ; interviews

Ms. Angela Bidlack

April 20, 1993

Page 3

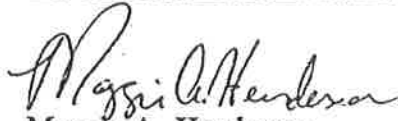
with Dewitt Township and Clinton County Officials; and a review of government record systems list. Based upon the results of this investigation, ESE concludes that the site is not a point source for the release of environmental contaminants and no further inquiry into recognized environmental conditions at the property is needed for purpose of appropriate inquiry.

In the best professional judgement of ESE, the scope of the subject audit was sufficient to discover contamination, given the nature and specific circumstances of the site. The conclusions provided by ESE are based solely on the Scope of Work conducted and on observations made at the time the services were rendered. No other warranty, expressed or implied, is made as to the professional opinions included by ESE in this report.

ESE appreciates the opportunity to provide this service. Should you have any questions pertaining to this report or if we may be of further assistance, contact this office at (800) 669-4391.

Sincerely,

ENVIRONMENTAL SCIENCE & ENGINEERING, INC.


Maggie A. Henderson
Senior Staff Scientist

MAH:cn

Enclosures

Transaction Screen Questionnaire

	Yes	No	Unk
Is the Property or any Adjoining Property used for an industrial use?		X	
To the best of your knowledge, has the Property or any Adjoining Property been used for an industrial use in the past?		X	
Is the Property or any Adjoining Property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X	
To the best of you knowledge, has the Property or any Adjoining Property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?		X	
Are there currently, or to the best of your knowledge have there been previously, any automotive or industrial batteries in significant quantities, or pesticides, paints, or other chemicals in individual containers of greater than 5 gallons in volume or 50 gallons in the aggregate, stored on or used at the Property or at the facility?		X	
Are there currently, or to the best of your knowledge have there been previously, any industrial Drums (typically 55 gallon) or sacks of chemicals located on the Property or at the facility?		X	
Has Fill Dirt been brought onto the Property which originated from a contaminated site or which is of an unknown origin?		X	
Are there currently, or to the best of your knowledge have there been previously, any Pits, Ponds or Lagoons located on the Property in connection with waste treatment or waste disposal?		X	
Is there currently, or to the best of your knowledge has there been previously, any stained soil on the Property?		X	
Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the Property?		X	
Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the Property or adjacent to any structure located on the Property?		X	

	Yes	No	Unk
Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?			
If the Property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?			
Does the Owner or Occupant of the Property have any knowledge of Environmental Liens or governmental notification relating to past or current violations of environmental laws with respect to the Property of any facility located on the Property?		X	
Has the Owner or Occupant of the Property been informed of the past or current existence of Hazardous Substances or Petroleum Products or environmental violations with respect to the Property or any facility located on the Property?		X	
Does the Owner or Occupant of the Property have any knowledge of any Environmental Site Assessment of the Property or facility that indicated the presence of Hazardous Substances or Petroleum Products on, or contamination of, the Property or recommended further assessment of the Property?		X	
Does the Owner or Occupant of the Property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any Hazardous Substance or Petroleum Products involving the Property by any Owner or Occupant of the Property?		X	
Does the Property discharge waste water, other than storm water, directly to a ditch or stream on or adjacent to the Property?		X	
To the best of your knowledge, have any Hazardous Substances or Petroleum Products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried, and/or burned on the Property?		X	
Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCBs?		X	
Government Records/Historical Sources Inquiry			
Do any of the following Federal government record systems list the Property or any property within the circumstance of the area noted below:			
National Priorities List - within 1.0 mile/1.6 Km?		X	
CERCLIS List - within .5 mile/.8 Km?			
RCRA TSD Facilities - within 1.0 mile/1.6 Km?		X	

	Yes	No	Unk
Do any of the following state record systems list the Property or any property within the circumference of the area noted below:			
List maintained by State environmental agency of hazardous waste sites identified for investigation or remediation that is the state agency equivalent to NPL - within approximately 1.0 mile/1.6 Km?		X	
List maintained by State environmental agency of sites identified for investigation or remediation that is the state equivalent to CERCLIS - within .5 mile/.8 Km?		X	
Leaking Underground Storage Tank (LUST) List - within .5 mile/.8 Km?			
Solid Waste/Landfill Facilities - within .5 mile/.8 Km?		X	
Based upon an interview conducted with DeWitt Township officials, are any buildings or other improvements on the Property or on an Adjoining Property identified as having been used for an industrial use or uses likely to lead to contamination of the Property?		X	

The Preparer of the Transaction Screen Questionnaire must complete and sign the following statement.

THIS QUESTIONNAIRE WAS COMPLETED BY:

Name Maggie A. Henderson
 Title Senior Staff Scientist
 Firm Environmental Science & Engineering, Inc.
 Address 1099 West Grand River Avenue
Williamston, Michigan 48895
 Phone Number (517) 655-4391
 Date April 13, 1993

PREPARER'S RELATIONSHIP TO USER (e.g., principal, employee, agent, consultant)

Consultant

Copies of the Completed Questionnaire Have Been Filed at:

N/A

Copies of the Completed Questionnaire Have Been Mailed or Delivered to:

N/A

PREPARER REPRESENTS THAT TO THE BEST OF THE PREPARER'S KNOWLEDGE THE ABOVE STATEMENTS AND FACTS ARE TRUE AND CORRECT AND TO THE BEST OF THE PREPARER'S ACTUAL KNOWLEDGE NO MATERIAL FACTS HAVE BEEN SUPPRESSED OR MISSTATED.

Margaret Henderson
Signature

20 April 1993
Date

Signature

Date

Signature

Date

Appendix B

Copy of Certified Survey Map

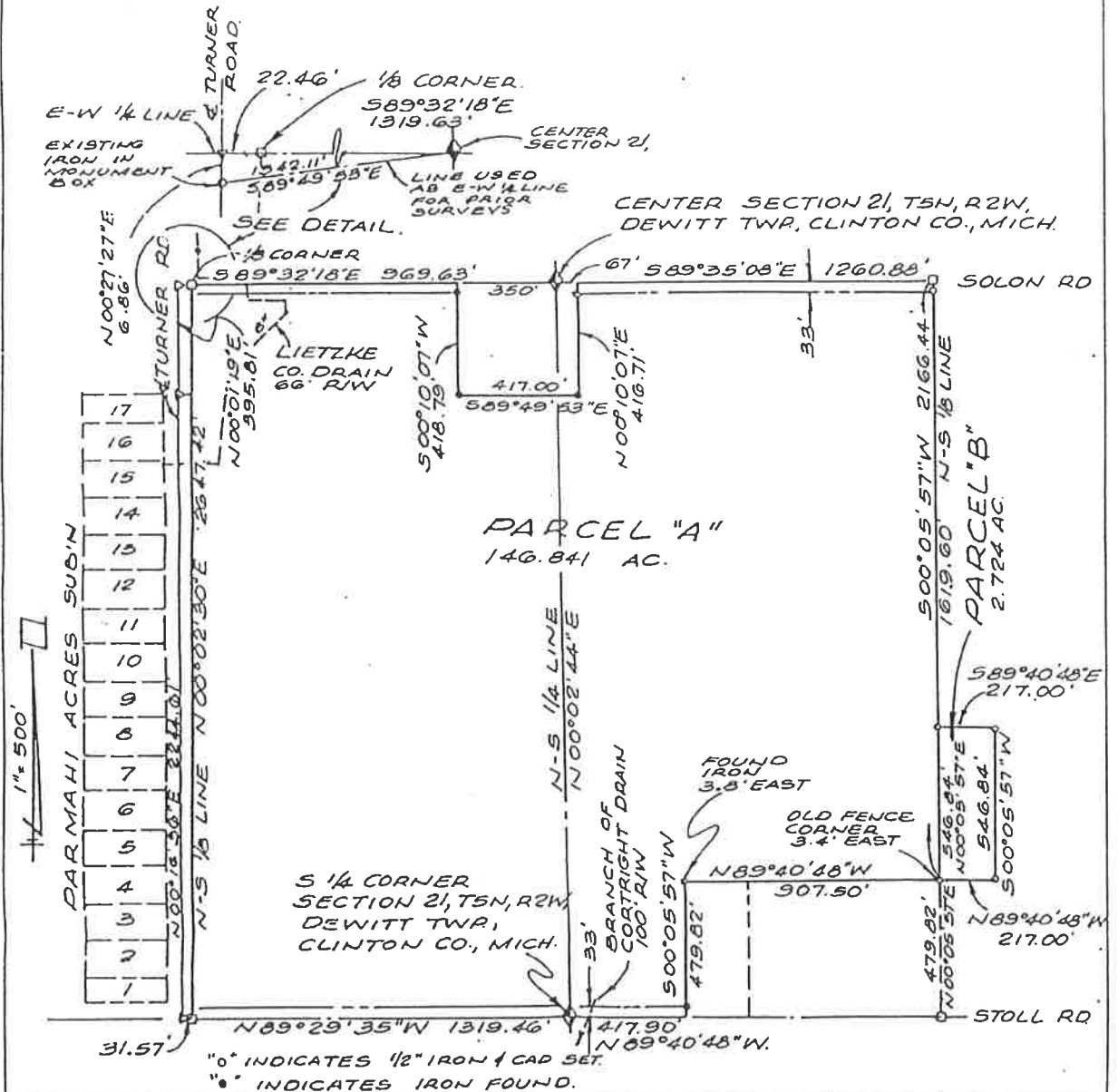


CERTIFIED SURVEY MAP

FOR: Michael R. O'Neill, Etal

DESCRIPTION: (See Sheet #4 of 4)

Sheet #2 of 4



I CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION OF THE LAND DESCRIBED ABOVE IN COMPLIANCE WITH THE REQUIREMENTS OF PUBLIC ACT 132 OF 1970. THE RELATIVE ERROR OF CLOSURE BEING 1 PART IN 105,893. AND THAT THE ENCROACHMENTS AFFECTING SAID LAND, IF ANY, ARE LOCATED AS SHOWN HEREON.

PIERSON & ASSOCIATES, INC.
LAND SURVEYING & RELATED ENGINEERING
8728 AIRPORT ROAD
DEWITT, MICHIGAN 48820

BY: *Arden S. Pierson*
LICENSED LAND SURVEYOR #13039

DATE 4-03-93
REV 6-18-93
ORDER NO. 93108
DRAWN BY ASD

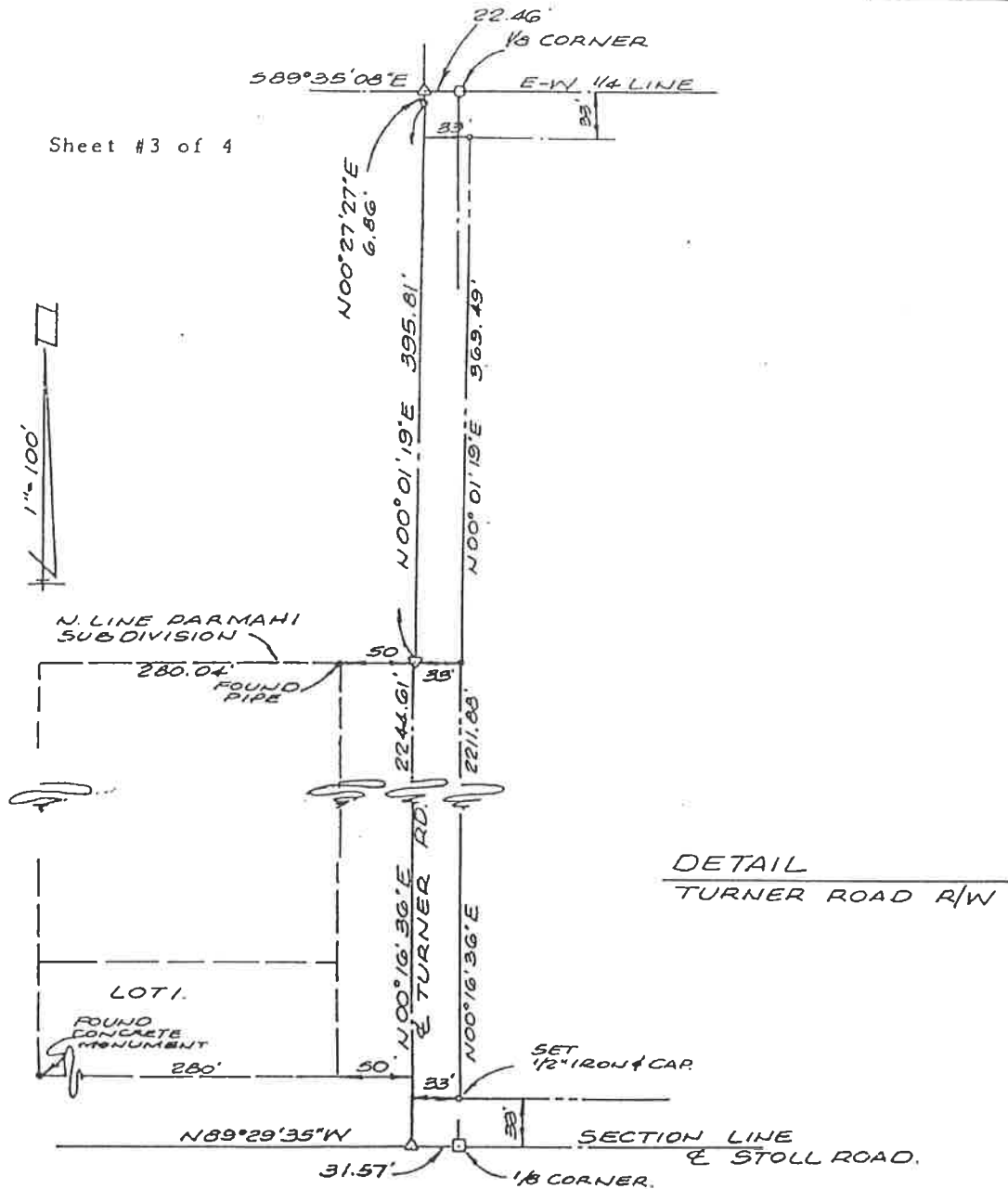


CERTIFIED SURVEY MAP

FOR: Michael R. O'Neill, Etal

DESCRIPTION: (See Sheet #4 of 4)

Sheet #3 of 4



I CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION OF THE LAND DESCRIBED ABOVE IN COMPLIANCE WITH THE REQUIREMENTS OF PUBLIC ACT 132 OF 1970. THE RELATIVE ERROR OF CLOSURE BEING 1 PART IN 105,853. AND THAT THE ENCROACHMENTS AFFECTING SAID LAND, IF ANY, ARE LOCATED AS SHOWN HEREON.

DATE 4-03-93
REV 6-18-93
ORDER NO. 93108
DRAWN BY ASP

PIERSON & ASSOCIATES, INC.
LAND SURVEYING & RELATED ENGINEERING
8728 AIRPORT ROAD
DEWITT, MICHIGAN 48820

BY: *Arden S. Pierson*
LICENSED LAND SURVEYOR #13039



CERTIFIED SURVEY MAP

FOR: Michael R. O'Neill, Etal

DESCRIPTION:

PARCEL "A" -Beginning at the South 1/4 corner of Section 21, T5N, R2W, Dewitt Township, Clinton County, Michigan; thence N89°29'35"W 1319.46 ft. along the South line of said section; thence N00°02'30"E 2647.42 ft. along the West line of the E 1/2 of the SW 1/4 of said section; thence S89°32'18"E 969.63 ft. along the E-W 1/4 line of said section; thence S00°10'07"W 418.79 ft. along a line as occupied; thence S89°49'53"E 417.00 ft. along a line as occupied; thence N00°10'07"E 416.71 ft. along a line as occupied; thence S89°35'08"E 1260.88 ft. along the E-W 1/4 line of said section; thence S00°05'57"W 2166.44 ft. along the East line of the West 1/2 of the SE 1/4 of said section; thence N89°40'48"W 907.50 ft. parallel with the south line of said section; thence S00°05'57"W 479.82 ft.; thence N89°40'48"W 417.90 ft. along said south line to the point of beginning. Containing 146.841 acres, and subject to all easements and restrictions of record.

PARCEL "B"- Commencing at the South 1/4 corner of Section 21, T5N, R2W, Dewitt Township, Clinton County, Michigan; thence S89°40'48"E 1325.40 ft. along the South line of said section; thence N00°05'57"E 479.82 ft. along the West line of the E 1/2 of the SE 1/4 of said section to the true point of beginning; thence N00°05'57"E 546.84 ft. along said West line; thence S89°40'48"E 217.00 ft.; thence S00°05'57"W 546.84 ft.; thence N89°40'48"W 217.00 ft. to the point of beginning. Containing 2.724 acres and subject to all easements and restrictions of record.

GOVERNMENT CORNER WITNESSES

West 1/4 corner Section 21, T5N, R2W,
Liber 2, Pages 239 & 513

Center Section 21, T5N, R2W,
Set Railroad spike from previous survey
Telephone Pole (NE side) -N34°W- 51.23'
Guy Pole (SE side) -S59°W- 43.03'
Power Pole (SE side) -N58°E- 49.84'
NE Corner Garage -S11°E- 93.14'

South 1/4 corner Section 21, T5N, R2W,
Railroad Spike (4.3 ft. South of Bryan point)
5.2 ft. South of centerline pavement
Center Manhole Cover -N77°W- 48.07'
Center North end 15" culvert -N43°E- 35.75'
Center South end 15" Culvert -S43°E- 28.29'

SW corner Section 21, T5N, R2W,
1/2" rod in Monument Box
Liber 2, Page 31

Sheet #4 of 4

I CERTIFY THAT THIS MAP CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION OF THE LAND DESCRIBED ABOVE IN COMPLIANCE WITH THE REQUIREMENTS OF PUBLIC ACT 132 OF 1970. THE RELATIVE ERROR OF CLOSURE BEING 1 PART IN _____; AND THAT THE ENCROACHMENTS AFFECTING SAID LAND, IF ANY, ARE LOCATED AS SHOWN HEREON.

DATE 6-18-93
ORDER NO. 93108
DRAWN BY ASR

PIERSON & ASSOCIATES, INC.
LAND SURVEYING & RELATED ENGINEERING
8728 AIRPORT ROAD
DEWITT, MICHIGAN 48820

BY:

Arden S. Pierson

LICENSED LAND SURVEYOR # 13039



Appendix C

Water Well Logs

OCT 21 1980

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County CLINTON Twp. DEWITT Fraction NW 1/4 NW 1/4 Section No. 21 Town OSCA Range 02 E/W E/W

Distance And Direction from Road Intersections
APRX. 1/4 mi. S. OF PARK RD.
APRX 250 YDS. W. OF US-27

Street address & City of Well Location JACK PINE LODGE US-27

3 OWNER OF WELL:

CAPITOL AREA SUPERCROSS INC.
 Address 2715 S. Cedar
LANSING, MI. 48910

2 FORMATION

THICKNESS
OF
STRATUMDEPTH TO
BOTTOM OF
STRATUM

<u>Ben. Clay</u>	<u>19</u>	<u>19</u>
<u>Gray Shitty Clay</u>	<u>30</u>	<u>49</u>
<u>Shale Clay Clay</u>	<u>4</u>	<u>53</u>
<u>fine gravel</u>	<u>11</u>	<u>64</u>

4 WELL DEPTH: (completed)

Date of Completion

64 ft. Sept. 2, 1980

5 ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug
☐ Hollow rod ☐ Jetted ☐ Bored ☐

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

7 CASING: Diam. 2 in. to 60 ft. Depth 60 ft. Depth
 Threaded ☒ Welded ☐ Height Above/Below surface Two ft.
 Weight 3.71 lbs/ft. Drive Shoe? Yes ☐ No ☒

8 SCREEN:
 Type 2" STAINLESS STEEL
 Slot/Gauze 7 SLOT Length 4 1/2 ft.
 Set between 60 ft. and 64 ft.
 Fittings:

9 STATIC WATER LEVEL

28 ft. below land surface

10 PUMPING LEVEL below land surface APRX
38 ft. after 1 hrs. pumping 12-14 g.p.m.
 _____ ft. after _____ hrs. pumping _____ g.p.m.

11 WATER QUALITY in Parts Per Million: NT

Iron (Fe) _____ Chlorides (Cl) _____
 Hardness _____

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

13 GROUTING:
 Well Grouted? ☒ Yes ☐ No
 Material: ☐ Neat Cement ☒ BENTONITE
 Depth: From 0 ft. to 60 ft.

14 SANITARY:

Nearest Source of possible contamination
300 feet E. Direction SCOTIA Type
 Well disinfected upon completion ☒ Yes ☐ No

15 PUMP:

Manufacturer's Name Reipaxton
 Model Number _____ HP 1/2
 Length of Drop Pipe 50 ft. capacity 1 G.P.M.
 Type: ☐ Submersible ☐
☒ Jet ☐ Reciprocating

16 Remarks, elevation, source of data, etc.

APPROVED FOR: _____
 AUTHORIZED BY: _____
 ELEVATION
 DEPTH TO ROCK

17 WATER WELL CONTRACTOR'S CERTIFICATION:

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

Smith-Pederson & Sons 1511
 REGISTERED BUSINESS NAME REGISTRATION NO.
 Address 12255 US-27 Dewitt MI.
 Signed Wm R. Pederson Date Sept 15-80
 AUTHORIZED REPRESENTATIVE

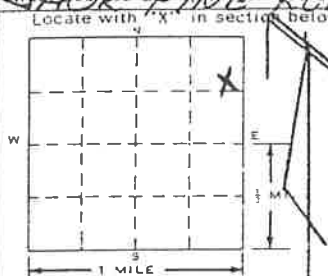
OCT 21 1980

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County <u>CLINTON</u>	Township Name <u>DEWITT</u>	Fraction <u>N E 1/4</u>	Section Number <u>21</u>	Town Number <u>05</u> (N.S.)	Range Number <u>03</u> (E.W.)
Distance And Direction from Road Intersections <u>APX. 0.2 MI. S. OF CLARK RD.</u> <u>APX. 2.00 U.S. W. OF US-27</u>					
Sketch Map: Locate with "X" in section below. 					

2 FORMATION

THICKNESS
OF
STRATUMDEPTH TO
BOTTOM OF
STRATUM

<u>BRN. CLAY</u>	<u>9</u>	<u>9</u>
<u>Stoney Brn. Clay</u>	<u>5</u>	<u>14</u>
<u>Stoney & Gray Clay</u>	<u>13</u>	<u>27</u>
<u>Boulders</u>	<u>6</u>	<u>33</u>
<u>Gray Clay</u>	<u>4</u>	<u>37</u>
<u>Mud to large gravel</u>	<u>15</u>	<u>52</u>
<u>fine gravel (water)</u>	<u>13</u>	<u>65</u>

3 OWNER OF WELL:

WAYNE FARR/Capital Superco
Address
2715 S. Cedar
LANSING, MI. 48910

4 WELL DEPTH: (completed) (Date of Completion)

64 ft. July 28 1980

5 ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug
☐ Hollow rod ☐ Jetted ☐ Bored ☐

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

7 CASING: Threaded ☒ Welded ☐

Height: Above/Below
Surface 9.5 ft.

2 in. to 59 ft. Depth
_____ in. to _____ ft. Depth

Weight 3.71 lbs./ft.
Drive Shoe? Yes ☒ No ☒

8 SCREEN:

Type STAINLESS STEEL Dia.: 2"
Slot/Gauze 7 SLOT Length 4 1/2 FT
Set between 59 ft. and 64 ft.
Fittings:

9 STATIC WATER LEVEL

30 ft. below land surface

10 PUMPING LEVEL below land surface APX.

44 ft. after 1 hrs. pumping 14 g.p.m.

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

11 WATER QUALITY in Parts Per Million: NT

Iron (Fe) _____ Chlorides (Cl) _____

Hardness _____ Other _____

12 WELL HEAD COMPLETION: ☐ In Approved Pit

☐ Pitless Adapter ☒ 12" Above Grade

13 Well Grouted? ☒ Yes ☐ No

☐ Neat Cement ☒ Bentonite ☐

Depth: From 0 ft. to 59 ft.

14 Nearest Source of possible contamination

150 feet E. Direction SEPTIC TANK type

Well disinfected upon completion ☒ Yes ☐ No

15 PUMP:

☐ Not installed

Manufacturer's Name MYERS-2 Stage

Model Number 3544 D HP 3/4 Volts 230

Length of Drop Pipe 42 ft. capacity 8 G.P.M.

Type: ☐ Submersible

☒ Jet ☐ Reciprocating

16 Remarks, elevation, source of data, etc.

ADDED INFO BY DRILLER, HEIN

*CORRECTED BY

**ADDITION BY

ELEVATION

DEPTH TO ROCK

17 WATER WELL CONTRACTOR'S CERTIFICATION:

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

Smith-Pederson & Sons, Inc. 1511
REGISTERED BUSINESS NAME REGISTRATION NO.

Address 12255 US-27 DEWITT, MI.

Signature Wm. R. Pederson Date July 31, 1980
AUTHORIZED REPRESENTATIVE

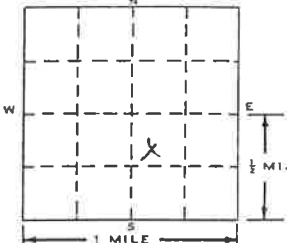
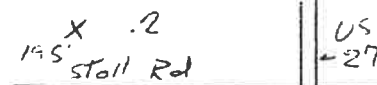
JAN 9 8 1990

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County <u>Clinton</u>	Township Name <u>Dewitt</u>	Fraction <u>NW 1/4 SE 1/4 SE 1/4</u>	Section Number <u>21</u>	Town Number <u>5 N.W.</u>	Range Number <u>2 E.W.</u>
Distance And Direction from Road Intersections <u>195' N. of Stall Rd</u> <u>.2 mi W = FUS27</u>			3 OWNER OF WELL: <u>Harvey Worst</u> Address <u>420 W. Stall Rd.</u> <u>Dewitt</u>		
Street address & City of Well Location <u>Same</u>			4 WELL DEPTH: (completed) Date of Completion <u>76' ft.</u> <u>8/25/79</u>		
Locate with "X" in section below 			Sketch Map: 		
			5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>		
			6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>		
			7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Height: Above/Below Diam. Surface <u>1</u> ft. <u>2</u> in. to <u>72</u> ft. Depth Weight <u>3.75</u> lbs./ft. <u>2</u> in. to <u>72</u> ft. Depth Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	8 SCREEN:
<u>clay & gravel</u>	<u>54</u>	<u>54</u>	Type: <u>Stainless</u> Dia.: <u>1 1/4"</u>
<u>clay gray</u>	<u>10</u>	<u>64</u>	Slot/Gauze <u>12</u> Length <u>3.5</u>
<u>clay & gravel</u>	<u>5</u>	<u>69</u>	Set between <u>72</u> ft. and <u>76</u> ft.
<u>gravel Medium</u>	<u>7</u>	<u>76</u>	Fittings: <u>Blank, couplings, check</u>
			9 STATIC WATER LEVEL <u>32</u> ft. below land surface
			10 PUMPING LEVEL below land surface <u>40</u> ft. after <u>1</u> hrs. pumping <u>15</u> g.p.m.
			ft. after ___ hrs. pumping ___ g.p.m.
			11 WATER QUALITY in Parts Per Million: Iron (Fe) ___ Chlorides (Cl) ___ Hardness ___ Other ___
			12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade
			13 Well Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/> ___ Depth: From ___ ft. to ___ ft.
			14 Nearest Source of possible contamination <u>30</u> feet <u>5</u> Direction <u>Sewer</u> Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name <u>Red Jacket</u> Model Number <u>100 CW B</u> HP <u>1</u> Volts <u>230</u> Length of Drop Pipe <u>50</u> ft. capacity ___ G.P.M. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Reciprocating

USE A 2ND SHEET IF NEEDED

16 Remarks, elevation, source of data, etc.

ADDED INFO BY DRILLER, ITEM NO.

*CORRECTED BY L**ADDITION BY V

ELEVATION

DEPTH TO ROCK

17 WATER WELL CONTRACTOR'S CERTIFICATION:

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

REGISTERED BUSINESS NAME

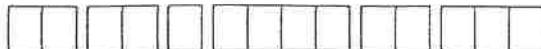
REGISTRATION NO.

Address

Signed

AUTHORIZED REPRESENTATIVE

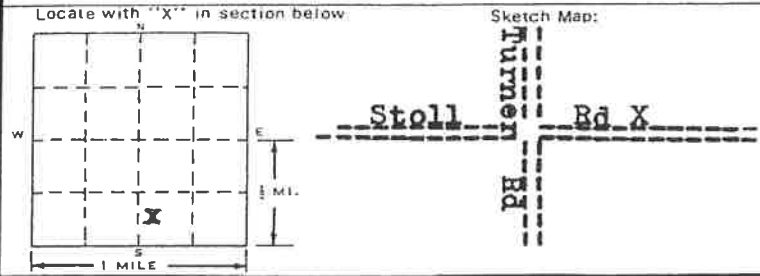
Date



WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

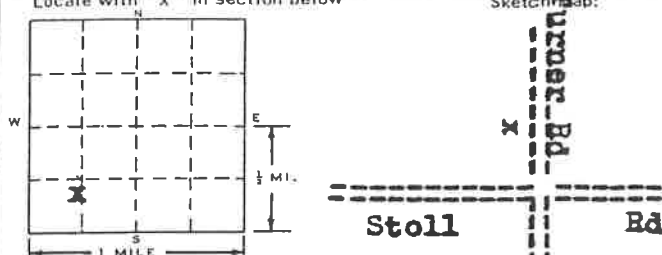
1 LOCATION OF WELL					
County Clinton	Township Name DeWitt	Fraction S/E S/W S/E	Section Number 21	Town Number T5 N/	Range Number R2 W.
Distance And Direction from Road Intersections 7/10 Mile East Of Turner Rd On North Side Of Stoll Rd 390. Lansing, Mich			3 OWNER OF WELL: Vernon L. Keefer Address 390.W.Stoll Rd Lansing, Mich		
Locate with "X" in section below: 			4 WELL DEPTH: (completed) Date of Completion 61 ft. 5/13/72		
2 FORMATION			5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>		
			6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>		
			7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Diam. _____ Height: <u>Below</u> Surface <u>1</u> ft. Weight <u>375</u> lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			8 SCREEN: Type: <u>121</u> Dia.: <u>1 1/2</u> " Slot/Screen <u>60</u> Length <u>36</u> " Set between <u>58</u> ft. and <u>61</u> ft. Fittings: <u>2" Drop Check</u>		
Clay & Sand			18	18	9 STATIC WATER LEVEL <u>38</u> ft. below land surface
Sand Brown			7	25	10 PUMPING LEVEL below land surface <u>Not</u> ft. after _____ hrs. pumping <u>Known</u> g.p.m.
Clay Bule			15	40	<u>Not</u> ft. after _____ hrs. pumping <u>Known</u> g.p.m.
Bule Clay & Gravel			7	47	11 WATER QUALITY in Parts Per Million: Iron (Fe) <u>Not</u> Chlorides (Cl) <u>Known</u> Hardness <u>Not</u> Other <u>Known</u>
Brown Sand & Some Clay			8	55	12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input checked="" type="checkbox"/> 12" Above Grade
Gravel Water Bearing			6	61	13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Sandy Clay Depth: From _____ ft. to _____ ft.
16 Remarks, elevation, source of data, etc. ADDED INFO. BY DRILLER, ITEM NO. ***ADDITION ***			14 Nearest Source of possible contamination <u>50</u> feet <u>East</u> Direction <u>Sept, Tank</u> Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name <u>Redjacket</u> Model Number <u>75C.J.A.</u> HP <u>3/4</u> Volts <u>110</u> Length of Drop Pipe <u>42</u> ft. capacity _____ G.P.M. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Reciprocating		
			17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Robert W. Suiter Well Drilling, 0142 REGISTERED BUSINESS NAME REGISTRATION NO. Address 903 Pine St Box 27, DeWitt, Mich Signed <i>Robert W. Suiter</i> date 5/13/1972 AUTHORIZED REPRESENTATIVE		
			USE A 2ND SHEET IF NEEDED		

MAY 1972

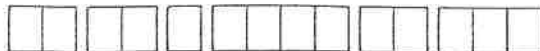
WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL		County Clinton		Township Name DeWitt		Section Number 21		Town Number 5N 17E		Range Number 2 N.W.	
Distance And Direction from Road Intersections 1/2 Mile North Of Stoll Road On West Side Of Turner Rd 14784 Lot# 9						3 OWNER OF WELL: DeWitt Lumber Co Address 118.E.Washington St DeWitt Michigan					
Street address & City of Well Location DeWitt Michigan						4 WELL DEPTH: (completed) Date of Completion 61 ft. 174/1972					
Locate with "X" in section below						5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>					
Sketch Map: 						6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>					
2 FORMATION						7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Height: Above/Below Surface 1 ft. Weight 375 lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
THICKNESS OF STRATUM						2 in. to _____ ft. Depth _____ in. to _____ ft. Depth					
DEPTH TO BOTTOM OF STRATUM						8 SCREEN: Type: 121 Dia.: 1 1/2 Slot/Gauze 60 Length 36" Set between 58 ft. and 61 ft. Fittings: 2" Drop Check					
Sandy Clay						9 STATIC WATER LEVEL 38 ft. below land surface					
Yellow Sand						10 PUMPING LEVEL below land surface Not ft. after _____ hrs. pumping Known g.p.m.					
Clay & Gravel						Not ft. after _____ hrs. pumping Known g.p.m.					
Sandy Clay						11 WATER QUALITY in Parts Per Million: Iron (Fe) Not Chlorides (Cl) Known Hardness Not Other Known					
Blue Clay						12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input checked="" type="checkbox"/> 12" Above Grade					
Gravel Water Bearing						13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Sandy Clay Depth: From _____ ft. to _____ ft.					
						14 Nearest Source of possible contamination 50 feet West Direction Sept Tank Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
						15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name Red jacket Model Number P.J.A HP 1/2 Volts 115 Length of Drop Pipe 42 ft. capacity _____ G.P.M. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Reciprocating					
16 Remarks, elevation, source of data, etc. ADDED INFO BY DRILLER, ITEM NO. CNI						17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Robert W. Suiter Well Drilling 0142 REGISTERED BUSINESS NAME REGISTRATION NO. Address 903.Pine St. DeWitt Mich Signed Robert W. Suiter Date 1/5/1972 AUTHORIZED REPRESENTATIVE					

USE A 2ND SHEET IF NEEDED



SEP 20 1972

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL		Fraction		Section Number	Town Number	Range Number																																																
County Clinton	Township Name DeWitt	S/W ₄ S/W ₄ S/W ₄		21	N/S.	2 E/W.																																																
Distance And Direction from Road Intersections 2/10 Mile West Of Turner Rd On North Side Of Stoll Rd 1620 Street address & City of Well Location Lansing, Michigan Locals with "X" in section below <div style="display: flex; align-items: center;"><div style="border: 1px dashed black; width: 100px; height: 100px; position: relative; margin-right: 10px;"><div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-style: dashed;"></div><div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 20px;">X</div></div><div style="text-align: center;"><div style="writing-mode: vertical-rl; transform: rotate(180deg);">Turner Rd</div><div style="display: flex; justify-content: space-around; width: 100px;"><div style="text-align: center;">Stoll Rd</div><div style="text-align: center;">Rd</div></div></div></div> <div style="text-align: center; margin-top: 10px;">1 MILE</div>				3 OWNER OF WELL: Joseph. F. Donahue Builder Address 869. Northcrest Lansing, Michigan																																																		
2 FORMATION <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 60%;">FORMATION</th><th style="width: 20%;">THICKNESS OF STRATUM</th><th style="width: 20%;">DEPTH TO BOTTOM OF STRATUM</th></tr></thead><tbody><tr><td>Sandy Clay</td><td style="text-align: center;">18</td><td style="text-align: center;">18</td></tr><tr><td>Yellow Sand</td><td style="text-align: center;">7</td><td style="text-align: center;">25</td></tr><tr><td>Brown Sand & Gravel</td><td style="text-align: center;">9</td><td style="text-align: center;">34</td></tr><tr><td>Bule Clay</td><td style="text-align: center;">3</td><td style="text-align: center;">37</td></tr><tr><td>Clay & Gravel</td><td style="text-align: center;">9</td><td style="text-align: center;">46</td></tr><tr><td>Sand & Gravel Water Bearing</td><td style="text-align: center;">11</td><td style="text-align: center;">57</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>				FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	Sandy Clay	18	18	Yellow Sand	7	25	Brown Sand & Gravel	9	34	Bule Clay	3	37	Clay & Gravel	9	46	Sand & Gravel Water Bearing	11	57																												4 WELL DEPTH: (completed) Date of Completion 57 ft. May, 22, 1972		
				FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM																																																
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				8 SCREEN: Type: Midwest Dia.: 1 1/2" Slot/Gauge 60 Length 36" Set between 54 ft. and 57 ft. Fittings: 2" Drop Check																																																		
9 STATIC WATER LEVEL 34 ft. below land surface				10 PUMPING LEVEL below land surface Not ft. after ___ hrs. pumping Known g.p.m. Not ft. after ___ hrs. pumping Known g.p.m.																																																		
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12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input checked="" type="checkbox"/> 12" Above Grade				13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Sandy Clay Depth: From ___ ft. to ___ ft.																																																		
				14 Nearest Source of possible contamination 50 feet North direction Sept, Tank Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																		
15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name Redjacket Model Number C-4-A HP 1/2 Volts 110 Length of Drop Pipe 38 ft. capacity ___ G.P.M. Type: <input type="checkbox"/> Submersible <input checked="" type="checkbox"/> Jet <input type="checkbox"/> Reciprocating				16 Remarks, elevation, source of data, etc. <div style="text-align: right;">••ADDITION 874</div>																																																		
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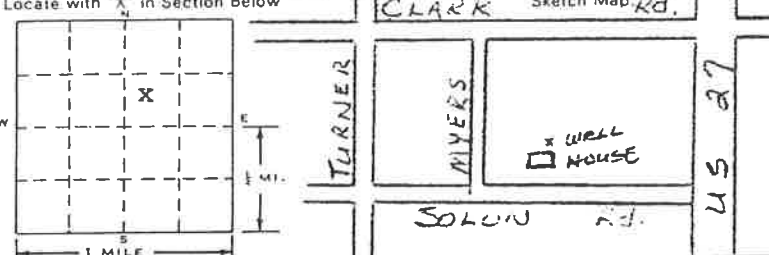
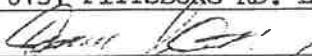
WATER WELL AND PUMP RECORD

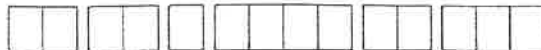
PERMIT NUMBER

1 LOCATION OF WELL		Fraction		Section Number	Town Number	Range Number
County	Township Name	SW 1/4 NW 1/4 SW 1/4		21	5 N 15 E	2 E 4 W
Distance And Direction From Road Intersection		3. OWNER OF WELL				
200 yards south of Salem Rd 150' west of Turner Rd		Paul Schults East				
Street Address & City of Well Location		Address 5576 Fairview Ln. Holt, MI				
Locate with 36" Section Below		Address Same As Well Location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Sketch Map		4 WELL DEPTH: Date Completed				
		246 FT. 10/22/70				
		<input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Jetted <input type="checkbox"/>				
		6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type III Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIb Public <input type="checkbox"/>				
		CASING: <input type="checkbox"/> Steel <input type="checkbox"/> Threaded <input type="checkbox"/> Height: Above/Below <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Welded Surface 50' 21" 5 in. to 158 ft. depth Weight 500 lb 21" 8 in. to 133 ft. depth Drive Shoe <input type="checkbox"/> Yes 8 in. to 133 ft. depth <input type="checkbox"/> No				
2 FORMATION DESCRIPTION		8 SCREEN: <input type="checkbox"/> Not Installed				
Sandy gravel		Type _____ Diameter _____				
Gravel		Slot/Gauze _____ Length _____				
Clay		Set between _____ ft. and _____ ft.				
gravel		FITTINGS <input type="checkbox"/> X Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen _____ ft. Other _____				
Clay		9 STATIC WATER LEVEL				
gravel shale & sandstone		62 ft. below land surface <input type="checkbox"/> Flow				
white sandstone		10 PUMPING LEVEL below land surface 50				
		_____ ft. after _____ hrs. pumping at _____ G.P.M.				
		_____ ft. after _____ hrs. pumping at _____ G.P.M.				
		11 WELL HEAD COMPLETION: <input checked="" type="checkbox"/> Press adapter <input type="checkbox"/> 12" above grade <input type="checkbox"/> Basement offset <input type="checkbox"/> Approved pit				
		12 WELL GROUTED? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes From 5 to 100 ft.				
		<input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Other 14 lb. ply				
		No. of bags of cement _____ Additives _____				
		13 Nearest source of possible contamination				
		Type Septic Distance 55 ft. Direction E				
		Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
		Was old well plugged? <input type="checkbox"/> Yes <input type="checkbox"/> No				
		14 PUMP: <input type="checkbox"/> Not Installed <input type="checkbox"/> Pump Installation Only				
		Manufacturer's name Myers				
		Model number S2N52 HP 1/2 Volts 220				
		Length of Drop Pipe 100 ft. capacity 13 G.P.M.				
		TYPE <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet				
		PRESSURE TANK: well-x-top				
		Manufacturer's name _____				
		Model number WX203 Capacity 36 Gallons				
15. Remarks, elevation, source of data, etc.		16. WATER WELL CONTRACTOR'S CERTIFICATION:				
		This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.				
		For W. Well Drilling 1865				
		REGISTERED BUSINESS NAME _____ REGISTRATION NO. _____				
17. Rig Operator's Name Joe West		Address 706 S. _____				
		Signed _____ Date 10-23-90				
		AUTHORIZED REPRESENTATIVE				

WATER WELL AND PUMP RECORD

PERMIT NUMBER

1 LOCATION OF WELL		Township Name		Fraction	Section Number	Town Number	Range Number
County CLINTON		DEWITT		NW 1/4 SW 1/4 NE 1/4	21	5N N/S	2W E/W
Distance And Direction From Road Intersection 1/2 MILE WEST OF US-27 ON NORTH SIDE OF SOLON RD.				3 OWNER OF WELL: KEN KOEPPE Address 500 SOLON RD. DEWITT, MI. 48820 Address Same As Well Location? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Street Address & City of Well Location 500 SOLON RD. DEWITT, MI. 48820				4 WELL DEPTH: Date Completed 7 31 90 200 FT. <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Replacement Well			
Locate with "X" in Section Below 				5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Auger <input type="checkbox"/> Jetted <input type="checkbox"/>			
2 FORMATION DESCRIPTION				6 USE <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Type I Public <input type="checkbox"/> Type III Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Type IIa Public <input type="checkbox"/> Heat pump <input type="checkbox"/> Test Well <input type="checkbox"/> Type IIb Public <input type="checkbox"/>			
				7 CASING: Diameter <input type="checkbox"/> Steel <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Welded 5 in. to 139 ft. depth 8 in. to 139 ft. depth Grouted Drill Hole Diameter 8 in. to 139 ft. depth Height: Above/Below Surface 1 ft. Weight lbs /ft Drive Shoe <input type="checkbox"/> Yes <input type="checkbox"/> No			
THICKNESS OF STRATUM				8 SCREEN: <input type="checkbox"/> Not Installed Type NONE Diameter _____ Slot/Gauze _____ Length _____ Set between _____ ft and _____ ft FITTINGS: <input type="checkbox"/> K-Packer <input type="checkbox"/> Lead Packer <input type="checkbox"/> Bremer Check <input type="checkbox"/> Blank above screen _____ ft. Other _____			
DEPTH TO BOTTOM OF STRATUM				9 STATIC WATER LEVEL: 42 ft. below land surface <input type="checkbox"/> Flow			
SAND & BROWN CLAY				10 PUMPING LEVEL: below land surface AIR ft. after _____ hrs. pumping at 60 G.P.M. _____ ft. after _____ hrs. pumping at _____ G.P.M.			
GRAVEL				11 WELL HEAD COMPLETION: <input checked="" type="checkbox"/> Pitless adapter <input checked="" type="checkbox"/> 12" above grade <input type="checkbox"/> Basement offset <input type="checkbox"/> Approved pit			
CLAY & STONES				12 WELL GROUTED? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes From 0 to 139 ft. <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Other RENFEL No. of bags of cement _____ Additives _____			
GRAVEL				13 Nearest source of possible contamination Type TWP. SEWER Distance 50 ft. Direction SOUTH Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Was old well plugged? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
RED CLAY & STONES				14 PUMP: <input type="checkbox"/> Not Installed <input type="checkbox"/> Pump Installation Only Manufacturer's name RED JACKET Model number _____ HP 1/2 Volts 230 Length of Drop Pipe 80 ft. capacity 10 G.P.M. TYPE: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet PRESSURE TANK: Manufacturer's name WELL RITE Model number WR 60-02 Capacity _____ Gallons			
RED SANDSTONE				15. Remarks, elevation, source of data, etc. USE A 2nd SHEET IF NEEDED			
WHITE SANDSTONE				16. WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. D. S. DOODY WELL DRILLING 1616 REGISTERED BUSINESS NAME REGISTRATION NO. Address 6131 PITTSBURG RD. LAINGSBURG, MI. 48848 Signed  Date 8-10-90 AUTHORIZED REPRESENTATIVE			
GRAY SHALE				17. Rig Operator's Name: RICHARD T. SCHRADER			
WHITE SANDSTONE				Authority: Act 368 PA 1978 Completion: Required Penalty: Conviction of a violation of any provision is a misdemeanor.			

WATER WELL RECORD
ACT 294 PA 1965MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

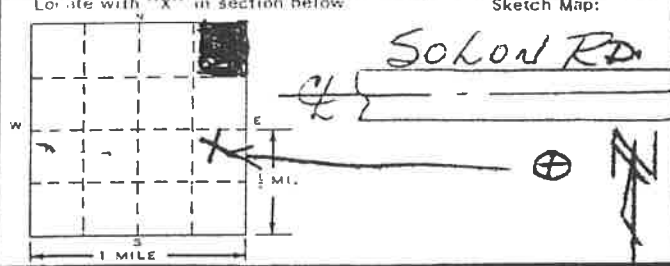
1 LOCATION OF WELL		Fraction		Section Number	Town Number	Range Number
County <u>Clinton</u>	Township Name <u>Dewitt</u>	<u>NW 1/4 NE 1/4 SE 1/4</u>		<u>21</u>	<u>E N 1/2</u>	<u>2 S W</u>
Distance And Direction from Road Intersections <u>Two 1/2 mile west of S. 27, South side</u> <u>Salon Rd. # 67, Dewitt, MI 48820</u>		3 OWNER OF WELL: Address <u>Alma Raiter</u> <u>4631 Salon Rd - Dewitt, MI 48820</u>				
Street address & City of Well Location Locate with "X" in section below		4 WELL DEPTH: (completed) Date of Completion <u>200</u> ft. <u>June-9-1987</u>				
<div style="display: flex; align-items: center;"><div style="flex: 1;"><div style="flex: 1; margin-left: 10px;"><p>Sketch Map:</p><p><u>Salon Rd</u></p><p><u>X well</u></p></div></div></div>		5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>				
		6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>				
2 FORMATION		7 CASING: Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Height: Above/Below Diam. <u>5 1/2</u> in. to <u>130</u> ft. Depth Surface <u>1</u> ft. Weight <u> </u> lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
		8 SCREEN: Type: <u>none</u> Dia.: <u>none</u> Slot/Gauze <u> </u> Length <u> </u> Set between <u> </u> ft. and <u> </u> ft. Fittings: <u>none</u>				
Brown clay		THICKNESS OF STRATUM <u>10</u>	DEPTH TO BOTTOM OF STRATUM <u>10</u>	9 STATIC WATER LEVEL <u>30</u> ft. below land surface		
Black dirt		<u>7</u>	<u>17</u>	10 PUMPING LEVEL below land surface <u>not</u> ft. after <u> </u> hrs. pumping <u>Know</u> g.p.m.		
Gravel & sand with pebbles		<u>27</u>	<u>44</u>	<u>not</u> ft. after <u> </u> hrs. pumping <u>Know</u> g.p.m.		
Blue clay		<u>14</u>	<u>58</u>	11 WATER QUALITY in Parts Per Million: Iron (Fe) <u>not</u> Chlorides (Cl) <u>Know</u>		
Gravel water bearing		<u>19</u>	<u>77</u>	Hardness <u>not</u> Other <u>Know</u>		
Gray clay		<u>47</u>	<u>129</u>	12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input checked="" type="checkbox"/> 12" Above Grade		
Gray sandstone		<u>55</u>	<u>179</u>	13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input checked="" type="checkbox"/> <u>Benimine</u> Depth: From <u>0</u> ft. to <u>25</u> ft. <u>19/30</u>		
White sandstone		<u>21</u>	<u>200</u>	14 Nearest Source of possible contamination <u>100</u> feet <u>North</u> Direction <u>City Sewage</u> Type <u> </u> Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
USE A 2ND SHEET IF NEEDED		15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name <u>Red Jacket sub</u> Model Number <u>1P-50-4-B.C</u> HP <u>1/2</u> Volts <u>110</u> Length of Drop Pipe <u>60</u> ft. capacity <u>10</u> G.P.M. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating				
16 Remarks, elevation, source of data, etc.		17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>Dosky well Drilling</u> 1616 REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>6131 Pittsburg Rd. Lansing MI</u> Signed <u>[Signature]</u> Date <u>6-9-87</u> AUTHORIZED REPRESENTATIVE				

OCT 12 1973

WATER WELL RECORD

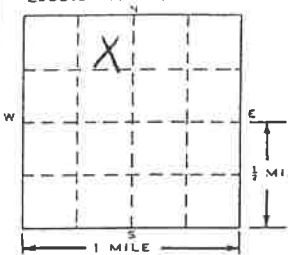
ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL			3 OWNER OF WELL: <u>BERNARD TICE</u>	
County	Township Name	Fraction	Section Number	Town Number
<u>CLINTON</u>	<u>DEWITT</u>	<u>SE 1/4 NE 1/4</u>	<u>21</u>	<u>05</u>
Distance And Direction from Road Intersections <u>APPR. 140' S. OF SOLON RD.</u> <u>APPR. 400' W. OF US-27</u>			Address <u>139 SOLON RD.</u> <u>DEWITT, MI.</u>	
Street address & City of Well Location <u>SAME</u>			4 WELL DEPTH: (completed) <u>121</u> ft. Date of Completion <u>SEPT. 18, 1973</u>	
Locate with "X" in section below			5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug	
Sketch Map: 			<input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>	
6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry			7 CASING: <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Welded	
<input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial			Height: Above <u>ONE</u> ft. Surface <u>11</u> lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
<input type="checkbox"/> Test Well			8 SCREEN: <u>NOT APPLICABLE</u>	
2 FORMATION			Type: _____ Dia.: _____	
THICKNESS OF STRATUM			Slot/Gauze _____ Length _____	
DEPTH TO BOTTOM OF STRATUM			Set between _____ ft. and _____ ft.	
<u>Snail Shale & Clay</u> 30 30			Fittings: _____	
<u>fine Shale & Clay</u> 30 60			9 STATIC WATER LEVEL: <u>30</u> ft. below land surface	
<u>Shy Clay</u> 35 95			10 PUMPING LEVEL: <u>NOT TAKEN</u>	
<u>Whitish, Shy Shale</u> 25 120			_____ ft. after _____ hrs. pumping _____ g.p.m.	
<u>White Sandstone & Shale</u> 20 140			_____ ft. after _____ hrs. pumping _____ g.p.m.	
<u>White Sandstone</u> 40 180			11 WATER QUALITY in Parts Per Million: <u>NOT TAKEN</u>	
			Iron (Fe) _____ Chlorides (Cl) _____	
			Hardness _____ Other _____	
			12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit	
			<input checked="" type="checkbox"/> Pitless Adapter <input checked="" type="checkbox"/> 2" Above Grade	
			13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
			<input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite	
			Depth: From <u>0</u> ft. to <u>121</u> ft.	
			14 Nearest Source of possible contamination: <u>60 feet N SEPTIC TANK</u> Type	
			Well disinfected upon completion <input type="checkbox"/> Yes <input type="checkbox"/> No	
			15 PUMP: <input type="checkbox"/> Not installed	
			Manufacturer's Name <u>VALLEY STEEL</u>	
			Model Number <u>51208</u> HP <u>1/2</u> Volts <u>230</u>	
			Length of Drop Pipe <u>63</u> ft. capacity <u>70</u> G.P.M.	
			Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating	
16 Remarks, elevation, source of data, etc. <u>APPR. 1,000 to 1200 g.p.h.</u> <u>Monitor Pitless Depth</u> <u>with Freezeless Hydrant</u>			17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>C.F. SMITH & SONS, INC.</u> 0048 REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>12255 S. US 27 - DEWITT</u> Signed <u>C.F. Smith</u> Date <u>Sept 19, 1973</u> AUTHORIZED REPRESENTATIVE	

JAN 15 1971

WATER WELL RECORD
ACT 294 PA 1965MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL																													
County Clinton	Township Name Dewitt	Fraction NE 1/4 SE 1/4 NW 1/4 Section Number 21 Town Number 5 (N/S) Range Number 2 E(W)																											
Distance And Direction from Road Intersections 1/4 North of Solon Rd. 300' West of Myers Rd. Street address & City of Well Location Same		3 OWNER OF WELL: Robert Hudson Address 14894 Myers Rd. De Witt, Michigan																											
Locate with "X" in section below  Sketch Map:		4 WELL DEPTH: (completed) Date of Completion 12-24-70 245 ft.																											
2 FORMATION <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">FORMATION</th> <th style="width:20%;">THICKNESS OF STRATUM</th> <th style="width:20%;">DEPTH TO BOTTOM OF STRATUM</th> </tr> </thead> <tbody> <tr><td>Sand</td><td>15</td><td>15</td></tr> <tr><td>Clay</td><td>25</td><td>40</td></tr> <tr><td>Sand & Gravel</td><td>7</td><td>47</td></tr> <tr><td>Clay</td><td>10</td><td>57</td></tr> <tr><td>Sand & Gravel</td><td>32</td><td>89</td></tr> <tr><td>Clay & Gravel</td><td>31</td><td>120</td></tr> <tr><td>Bhale</td><td>60</td><td>180</td></tr> <tr><td>Sandrock</td><td>65</td><td>245</td></tr> </tbody> </table>		FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	Sand	15	15	Clay	25	40	Sand & Gravel	7	47	Clay	10	57	Sand & Gravel	32	89	Clay & Gravel	31	120	Bhale	60	180	Sandrock	65	245	5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> _____
		FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM																									
		Sand	15	15																									
		Clay	25	40																									
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6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/> _____																													
7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Diam. _____ Height: Above _____ Surface 1 ft. Weight 11 lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																													
8 SCREEN: Type: None Dia.: _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. Fittings: _____																													
9 STATIC WATER LEVEL 65 ft. below land surface		10 PUMPING LEVEL below land surface _____ ft. after _____ hrs. pumping _____ g.p.m. Not Required _____ ft. after _____ hrs. pumping _____ g.p.m.																											
11 WATER QUALITY in Parts Per Million: Iron (Fe) _____ Chlorides (Cl) _____ Not Required Hardness _____ Other _____																													
12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade																													
13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> Bentonite Depth: From _____ ft. to _____ ft.																													
14 Nearest Source of possible contamination 50 feet East direction Septic Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																													
15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name Gould Model Number UEH HP 1/2 Volts 230 Length of Drop Pipe 105 ft. capacity 516 G.P.H. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating																													
16 Remarks, elevation, source of data, etc. ADDED INFO. BY DRILLER, ITEM NO. CORRECTED BY: ADDITION BY:		17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Maurer & Parks Inc. 0383 <small>REGISTERED BUSINESS NAME REGISTRATION NO.</small> Address 4700 N. East St. Lansing, Mich Signed <i>Eugene Maurer</i> Date 1-11-70 <small>AUTHORIZED REPRESENTATIVE</small>																											

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL

County Clinton	Twp. Dewitt	Fraction ne 1/4 ne 1/4 se 1/4	Section No. 21	Town 5N/S.	Range 2W E/W.
--------------------------	-----------------------	---	--------------------------	----------------------	-------------------------

Distance And Direction from Road Intersections
**1/10 Mile west of US-27 on
 Solon Rd. South side.**

OWNER No. _____

3 OWNER OF WELL:

Ray Minier

Address

3, Dewitt, Mich.

Street address & City of Well Location

2 FORMATION

THICKNESS
OF
STRATUMDEPTH TO
BOTTOM OF
STRATUM

4 WELL DEPTH: (completed) Date of Completion

220 ft. **11/2/67**

5 ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug
☐ Hollow rod ☐ Jetted ☐ Bored ☐

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

7 CASING: Threaded ☒ Welded ☐
 Diam. **4** in. to **109** ft. Depth
 Height: Above/Below surface **0** ft.
 Weight **0** lbs./ft.
 Drive Shoe? Yes ☒ No ☐

8 SCREEN:

Type: **Rock well** Dia.: _____

Slot/Gauze _____ Length _____

Set between _____ ft. and _____ ft.

Fittings: _____

9 STATIC WATER LEVEL

50 ft. below land surface

10 PUMPING LEVEL below land surface

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

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

11 WATER QUALITY in Parts Per Million:

Iron (Fe) _____ Chlorides (Cl) _____

Hardness _____

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

13 GROUTING:

Well Grouted? ☒ Yes ☐ NoMaterial: ☐ Neat Cement ☒ BentoniteDepth: From **0** ft. to **109** ft.

14 SANITARY:

Nearest Source of possible contamination

60 feet **west** Direction **Septic** TypeWell disinfected upon completion ☒ Yes ☐ No

ADDED INFO. BY DRILLER. ITEM NO.

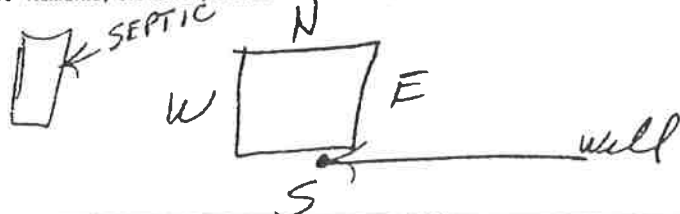
CORRECTED BY:

ADDITION BY:

15 PUMP:

Manufacturer's Name **Myers**Model Number **SF -7-21** HP **3/4**Length of Drop Pipe **84** ft. capacity **12** G.P.M.Type: ☒ Submersible ☐☐ Jet ☐ Reciprocating

16 Remarks, elevation, source of data, etc.



17 WATER WELL CONTRACTOR'S CERTIFICATION:

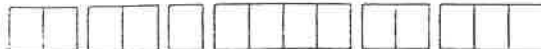
This well was drilled under my jurisdiction and this report is true
 to the best of my knowledge and belief.

Gilbert & Ingalls Inc.
 REGISTERED BUSINESS NAME

408
 REGISTRATION NO.

Address **#1, Box 27 - C, Dewitt**

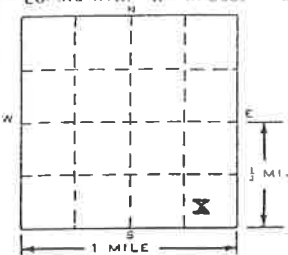
Signed **[Signature]** Date **3/24/68**
 AUTHORIZED REPRESENTATIVE



WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

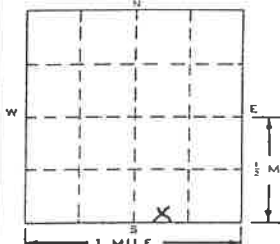

1 LOCATION OF WELL County <u>Clinton</u> Township Name <u>DeWitt</u> Fraction <u>S/E 1/4 S/E 1/4</u> Section Number <u>21</u> Town Number <u>5 N/S.</u> Range Number <u>2 E/W.</u>																																																	
Distance And Direction from Road Intersections <u>2/10 Mile west of U S 27 On north Side of Stoll Rd 310 Lansing, Mich</u> Street address & City of Well Location																																																	
Locate with "X" in section below  Sketch Map:																																																	
2 FORMATION <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th></th><th>THICKNESS OF STRATUM</th><th>DEPTH TO BOTTOM OF STRATUM</th></tr></thead><tbody><tr><td>Red sand & clay</td><td>20</td><td>20</td></tr><tr><td>Gray Clay</td><td>18</td><td>18</td></tr><tr><td>Gray Clay & Gravel</td><td>42</td><td>80</td></tr><tr><td>Gravel Some Water Drity</td><td>6</td><td>86</td></tr><tr><td>Clay & Gravel</td><td>18</td><td>104</td></tr><tr><td>Gray Sand Rock</td><td>21</td><td>125</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>			THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	Red sand & clay	20	20	Gray Clay	18	18	Gray Clay & Gravel	42	80	Gravel Some Water Drity	6	86	Clay & Gravel	18	104	Gray Sand Rock	21	125																											
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3 OWNER OF WELL: Address <u>Bill Gilmore</u> <u>310 W. Stoll Rd</u> <u>Lansing, Mich</u>																																																	
4 WELL DEPTH: (completed) Date of Completion <u>125</u> ft. <u>2/12/74</u>																																																	
5 <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> <input type="checkbox"/>																																																	
6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>																																																	
7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Diam. _____ Height: <u>1</u> ft. Below Surface <u>2</u> in. to <u>104</u> ft. Depth Weight <u>375</u> lbs./ft. _____ in. to _____ ft. Depth Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																																	
8 SCREEN: Type: <u>None</u> Dia.: <u>None</u> Slot/Gauze <u>None</u> Length <u>none</u> Set between _____ ft. and _____ ft. Fittings: <u>Nonr</u> <u>none</u>																																																	
9 STATIC WATER LEVEL <u>26</u> ft. below land surface																																																	
10 PUMPING LEVEL below land surface <u>Not</u> ft. after _____ hrs. pumping <u>Known</u> g.p.m. <u>Not</u> ft. after _____ hrs. pumping <u>Known</u> g.p.m.																																																	
11 WATER QUALITY in Parts Per Million: Iron (Fe) <u>Known</u> Chlorides (Cl) <u>Known</u> Hardness <u>Not</u> Other <u>Known</u>																																																	
12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input type="checkbox"/> Pitless Adapter <input checked="" type="checkbox"/> 12" Above Grade																																																	
13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input checked="" type="checkbox"/> <u>Clay Sandy</u> Depth: From _____ ft. to _____ ft.																																																	
14 Nearest Source of possible contamination <u>100</u> feet <u>West</u> Direction <u>Sewage Line</u> Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																	
15 PUMP: <input checked="" type="checkbox"/> Not installed Manufacturer's Name _____ Model Number _____ HP _____ Volts _____ Length of Drop Pipe _____ ft. capacity _____ G.P.M. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating																																																	
16 Remarks, elevation, source of data, etc. ADDED INFO BY DRILLER, ITEM NO. <u>2</u> *CONNECTED BY <u>2</u> **ADDITION BY ELEVATION DEPTH TO ROCK																																																	
17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>Robert W. Suiter Well Drilling, 0142</u> REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>1010 Pine st Box 27 DeWitt, Mich</u> Signed _____ Date <u>2/12/74</u> AUTHORIZED REPRESENTATIVE																																																	

JUN 04 1979

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL					
County <u>Clinton</u>	Township Name <u>Dewitt</u>	Fraction <u>SE 1/4 SW 1/4 SE 1/4</u>	Section Number <u>21</u>	Town Number <u>5 N.B.</u>	Range Number <u>2 E.W.</u>
Distance And Direction from Road Intersections <u>.4 m W. of US 27 98' N. of Stall Rd</u> <u>306 W. Stall Rd Dewitt, Mich</u>			3 OWNER OF WELL: <u>G.F. Doady</u> Address <u>706 W. Stall Rd.</u>		
Street address & City of Well Location Locate with "X" in section below			4 WELL DEPTH: (completed) <u>200'</u> ft. Date of Completion <u>Sept. 2 '78</u>		
<div style="display: flex; align-items: center;"><div style="flex: 1;"></div><div style="flex: 1; text-align: center;"><p>Sketch Map:</p><p><u>Stall Rd.</u></p></div></div>			5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>		
			6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>		
2 FORMATION			7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Height: Above Set Surface <u>1</u> ft. Weight <u> </u> lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
			8 SCREEN: Type: <u> </u> Dia.: <u> </u> Slot/Gauze <u> </u> Length <u> </u> Set between <u> </u> ft. and <u> </u> ft. Fittings: <u> </u>		
THICKNESS OF STRATUM			9 STATIC WATER LEVEL <u>46</u> ft. below land surface		
DEPTH TO BOTTOM OF STRATUM			10 PUMPING LEVEL below land surface <u>190</u> ft. after <u>1/2</u> hrs. pumping <u>50</u> g.p.m. <u> </u> ft. after <u> </u> hrs. pumping <u> </u> g.p.m.		
clay & gravel			11 WATER QUALITY in Parts Per Million: Iron (Fe) <u> </u> Chlorides (Cl) <u> </u> Hardness <u> </u> Other <u> </u>		
gravel			12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade		
clay & gravel			13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Depth: From <u>0</u> ft. to <u>129</u> ft.		
gravel course			14 Nearest Source of possible contamination <u>20</u> feet <u>E</u> Direction <u>Sewer</u> Type <u> </u> Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
sand stone			15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name <u>Pool Jacket</u> Model Number <u>75CR 121X</u> HP <u>3/4</u> Volts <u>240</u> Length of Drop Pipe <u>84</u> ft. capacity <u>16</u> G.P.M. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating		
USE A 2ND SHEET IF NEEDED					
16 Remarks, elevation, source of data, etc. ADDED INFO BY DRILLER, ITEM NO. *CORRECTED BY **ADDITION BY ELEVATION DEPTH TO ROCK			17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>D.S. Doady</u> <u>1616</u> REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>8131 Pottsville Rd Lansing</u> Signed <u>Daniel L. Doady</u> Date <u>2/9/79</u> AUTHORIZED REPRESENTATIVE		

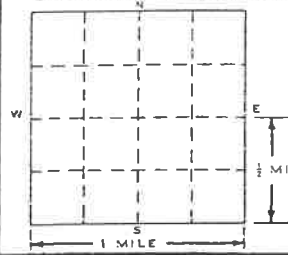
2 JAN 06 1978

WATER WELL RECORD

ACT 294

PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL		County Clinton		Township Name Dewitt		Fraction SE 1/4 SE 1/4 NW 1/4		Section Number 21		Town Number 5N		Range Number 24	
Distance And Direction from Road Intersections 14950 Myers Road, NW Corner Myers Road and Solon Road.													
Street address & City of Well Location 14950 Myers Road, NW Corner Myers Road and Solon Road.													
Locate with "X" in section below 													
Sketch Map:													
3 OWNER OF WELL: Dan Ruble Address Myers Road Dewitt, MI. 48820													
4 WELL DEPTH: (completed) 230 ft. Date of Completion 11/7/77													
5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored													
6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well													
7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Height: Above/Below Diam. 4 in. to 138 ft. Depth Weight _____ lbs./ft. _____ in. to _____ ft. Depth Drive Shoe? Yes <input type="checkbox"/> No <input type="checkbox"/>													
8 SCREEN: Type: _____ Dia.: _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. Fittings: _____													
9 STATIC WATER LEVEL _____ ft. below land surface													
10 PUMPING LEVEL below land surface 106 ft. after 1/2 hrs. pumping 20 g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m.													
11 WATER QUALITY in Parts Per Million: Iron (Fe) _____ Chlorides (Cl) _____ Hardness _____ Other _____													
12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade													
13 Well Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> _____ Depth: From 0 ft. to 138 ft.													
14 Nearest Source of possible contamination 100 feet E Direction Sewer Type _____ Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													
15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name Myers Model Number SG 525A HP 1/2 Volts _____ Length of Drop Pipe 106 ft. capacity _____ G.P.M. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating													
16 Remarks. elevation, source of data, etc. 8856 ADDED INFO BY DRILLER, ITEM NO. *CORRECTED BY **ADDITION BY ELEVATION													
17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Gilbert and Ingalls, Inc. 0408 REGISTERED BUSINESS NAME REGISTRATION NO. Address 6461 W. Howe Road, Dewitt, MI. 48820 Signed <i>Daniel K. Ingalls</i> Date 11/8/77 AUTHORIZED REPRESENTATIVE													

DEPTH TO ROCK
100M (REV. 7-2-68)

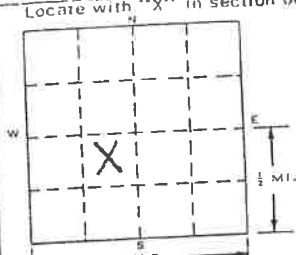
D67d

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

D67d 100M (Rev. 12-68)

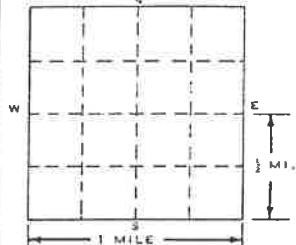
JAN 03 1979

WATER WELL RECORD
ACT 294 PA 1965MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL County <u>Clinton</u> Township Name <u>Dewitt</u>		Fraction <u>NE 1/4</u>	Section Number <u>21</u>	Town Number <u>5 N.S.</u>	Range Number <u>2 E W</u>
Distance And Direction from Road Intersections <u>80' West of Myers Rd.</u> <u>30' South of Solon Rd.</u>		3 OWNER OF WELL: Galen Johnson Address <u>1061 Solon Rd.</u> <u>Dewitt Michigan</u>			
Street address & City of Well Location <u>Same</u>		4 WELL DEPTH: (completed) <u>230</u> ft. Date of Completion <u>12-22-78</u>			
<div style="border: 1px solid black; padding: 5px;">Sketch Map: </div>		5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored			
		6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well			
2 FORMATION		7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Diam. <u>4</u> in. to <u>148</u> ft. Depth: <u>I</u> ft. Surface <u>I</u> lbs./ft. Weight <u>I</u> lbs./ft. Drive Shoe? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
		8 SCREEN: Type: <u>None</u> Dia.: _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. Fittings: _____			
Clay & Stones		42	42	9 STATIC WATER LEVEL <u>82</u> ft. below land surface	
Sandy Clay & Gravel		47	89	10 PUMPING LEVEL below land surface _____ ft. after _____ hrs. pumping _____ g.p.m. Not Required	
Clay		46	135	_____ ft. after _____ hrs. pumping _____ g.p.m.	
Shale & Sandrock		70	205	11 WATER QUALITY in Parts Per Million: Iron (Fe): _____ Chlorides (Cl) _____ Not Required Hardness _____ Other _____	
Sandrock		25	230	12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade	
				13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Depth: From <u>0</u> ft. to <u>148</u> ft.	
				14 Nearest Source of possible contamination <u>10</u> feet <u>E</u> Direction <u>Sewer Line</u> Type _____ Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
				15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name <u>Goulds</u> Model Number <u>10E1</u> HP <u>1/2</u> Volt <u>230</u> Length of Drop Pipe <u>126</u> ft. capacit <u>600</u> G.P.H. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating	
16 Remarks, elevation, source of data, etc. ADDED INFO BY DRILLER, ITEM NO. *CORRECTED BY **ADDITION BY ELEVATION DEPTH TO ROCK		17 WATER WELL CONTRACTOR'S CERTIFICATION. This well was drilled under my supervision and this report is true to the best of my knowledge and belief. <u>Maurer & Parks Inc.</u> 0383 REGISTERED BUSINESS NAME REGISTRATION NO. Address <u>4700 N. East St. Lans. Mich.</u> Signed <u>Ernest Maurer</u> Date <u>12-26-78</u> AUTHORIZED REPRESENTATIVE			

3 MAY 06 1978

WATER WELL RECORD
ACT 294 PA 1965MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL					
County <u>Clinton</u>	Township Name <u>No Witt</u>	Fraction <u>1/4</u>	Section Number <u>20</u>	Town Number <u>75</u>	Range Number <u>R2E/W.</u>
Distance And Direction from Road Intersections <u>Stall & Turner 500ft E. of Turner on Stall</u>					
Street address & City of Well Location <u>No Witt Mich</u>					
Locate with "X" in section below			Sketch Map:		
					
2 FORMATION		THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM		
<u>Clay</u>		<u>0</u>	<u>60</u>		
<u>Clay mixed with shale</u>		<u>60</u>	<u>99</u>		
<u>Shale mixed w. sandstone</u>		<u>99</u>	<u>200</u>		
		<u>200</u>			
3 OWNER OF WELL: <u>Mel Butler</u>					
Address: <u>4251 W. Howe Rd</u>					
<u>No Witt Mich</u>					
4 WELL DEPTH: (completed) <u>200</u> ft. Date of Completion <u>10-2-77</u>					
5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug					
<input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>					
6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry					
<input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial					
<input type="checkbox"/> Test Well <input type="checkbox"/>					
7 CASING: Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Height: Above/Below					
Diam. <u>4</u> in. to <u>99</u> ft. Depth Surface <u> </u> ft.					
Weight <u> </u> lbs./ft. Drive Shoe? Yes <input type="checkbox"/> No <input type="checkbox"/>					
8 SCREEN:					
Type: <u> </u> Dia.: <u> </u>					
Slot/Gauze <u> </u> Length <u> </u>					
Set between <u> </u> ft. and <u> </u> ft.					
Fittings: <u> </u>					
9 STATIC WATER LEVEL					
<u> </u> ft. below land surface					
10 PUMPING LEVEL below land surface					
<u>100</u> ft. after <u>1</u> hrs. pumping <u>2000</u> g.p.m.					
<u> </u> ft. after <u> </u> hrs. pumping <u> </u> g.p.m.					
11 WATER QUALITY in Parts Per Million:					
Iron (Fe) <u> </u> Chlorides (Cl) <u> </u>					
Hardness <u> </u> Other <u> </u>					
12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit					
<input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade					
13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
<input type="checkbox"/> Neat Cement <input type="checkbox"/> Bentonite <input type="checkbox"/>					
Depth: From <u> </u> ft. to <u> </u> ft.					
14 Nearest Source of possible contamination					
<u> </u> feet <u> </u> Direction <u>City Sewer</u> Type <u> </u>					
Well disinfected upon completion <input type="checkbox"/> Yes <input type="checkbox"/> No					
15 PUMP: <input type="checkbox"/> Not installed					
Manufacturer's Name <u>F & W.</u>					
Model Number <u> </u> HP <u>1/2</u> Volts <u>230</u>					
Length of Drop Pipe <u> </u> ft. capacity <u> </u> G.P.M.					
Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating					
16 Remarks, elevation, source of data, etc.					
ADDED INFO BY DRILLER, ITEM NO. <u> </u>					
*CORRECTED BY <u> </u>					
**ADDITION BY <u> </u>					
ELEVATION <u> </u>					
DEPTH TO ROCK <u> </u>					
17 WATER WELL CONTRACTOR'S CERTIFICATION:					
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.					
<u>Mewin W. Cornwell</u> REGISTRATION NO. <u>0819</u>					
REGISTERED BUSINESS NAME <u> </u>					
Address <u>5077 N. Meander R2 Wmston Mich</u>					
Signed <u>Mewin Cornwell</u> Date <u>10-2-77</u>					
AUTHORIZED REPRESENTATIVE <u> </u>					

PART 127 ACT 368, P.A. 1978

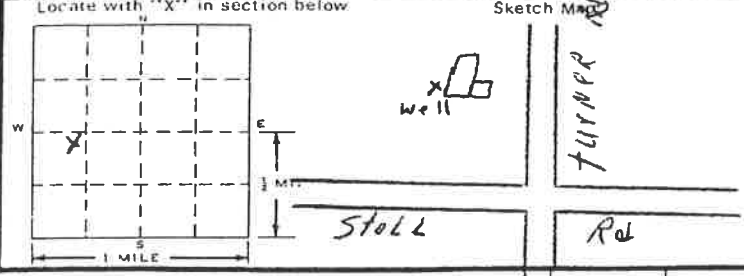
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JUL 3 1984

WATER WELL RECORD

ACT 294 PA 1965

MICHIGAN DEPARTMENT
OF
PUBLIC HEALTH

1 LOCATION OF WELL					
County Clinton	Township Name Dewitt	Fraction SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$	Section Number 21	Town Number 5 N/S.	Range Number 2 E/W.
Distance And Direction from Road Intersections $\frac{1}{2}$ mile N of Stoll Rd. and 100' W off of Turner Rd.			3 OWNER OF WELL: Mike Davis Construction Address P.O. Box 129 Grand Ledge, Michigan		
Street address & City of Well Location Lansing, Michigan			4 WELL DEPTH: (completed) Date of Completion 240 ft. June 30, 1981		
Locate with "X" in section below 			5 <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/>		
			6 USE: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air Conditioning <input type="checkbox"/> Commercial <input type="checkbox"/> Test Well <input type="checkbox"/>		
2 FORMATION			7 CASING: Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Height: Above/Below Surface 1 ft.		
			8 SCREEN: Type: _____ Dia.: _____ Slot/Gauze _____ Length _____ Set between _____ ft. and _____ ft. Fittings: _____		
THICKNESS OF STRATUM			9 STATIC WATER LEVEL 52 ft. below land surface		
DEPTH TO BOTTOM OF STRATUM			10 PUMPING LEVEL below land surface _____ ft. after _____ hrs. pumping _____ g.p.m. Test pumped with air _____ ft. after _____ hrs. pumping 50 g.p.m.		
0-110 Clay			11 WATER QUALITY in Parts Per Million: Iron (Fe) _____ Chlorides (Cl) _____ Hardness _____ Other _____		
110-115 Gravel			12 WELL HEAD COMPLETION: <input type="checkbox"/> In Approved Pit <input checked="" type="checkbox"/> Pitless Adapter <input type="checkbox"/> 12" Above Grade		
115-120 Sandrock			13 Well Grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Neat Cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Depth: From 0 ft. to 132 ft.		
120-200 Shale			14 Nearest Source of possible contamination 100 feet E Direction Drain Field Type Well disinfected upon completion <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
200-240 Sandrock			15 PUMP: <input type="checkbox"/> Not installed Manufacturer's Name Flint & Walling Model Number 011008-305 HP $\frac{1}{2}$ Volts 230 Length of Drop Pipe 68 ft. capacity 10 G.P.M. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating		
Turner Rd.			16 Remarks, elevation, source of data, etc. ADDED INFO BY DRILLER, ITEM NO. *CORRECTED BY **ADDITION BY ELEVATION DEPTH TO ROCK		
Job No C-123			17 WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Jim J. Sosa Well Drilling Inc. 1791 REGISTERED BUSINESS NAME REGISTRATION NO. Address 7603 Brookfield Rd. Charlotte, Mich. Signed James Sosa Date July 1, 1981 AUTHORIZED REPRESENTATIVE		

ACT 294 PA 1965

PUBLIC HEALTH

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