GEOLOGICAL SURVEY SAMPLE No.	]		
JUL 0.9 1980	J	/ELL DEC	
	WATER W ACT 294		0F
1 LOCATION OF WELL County Township Name		Fraction	Section Number   Town Number   Range Number
WASH SYLVA	L)	1/4	14 14 7 2 Ns. 3 E/D.
Distance And Direction from Road Intersections			3 OWNER OF WELL: STEVEN BERGMAN
15680 CAUANA Street address & City of Well Location Locate with "X" in section below	USH LK!	40	Address 322 S. MACOHB
CHEL	SEA		MANCHESTER
Locate with "X" in section below	Sketch Map:		4 WELL DEPTH: (completed) Date of Completion
			145 m. 11-29-79
<b> </b>			5 Cable tool X Rotary Driven Dug
w			6 USE: Domestic Public Supply Industry
			Irrigation   Air Conditioning   Commercial
WELL			Test Well
S			7 CASING: Threaded Welded Height: Above/Below
. 1 MILE	THICKNESS	<b>ДЕРТН ТО</b>	Surfaceft.
2 FORMATION	OF STRATUM	BOTTOM OF STRATUM	in. toft. Depth   Drive Shoe? Yes X No
		<b>=</b> 0	8 SCREEN:
SAND Y GRAVEL	52	23	Type; NOWE Dia.:
COARSE SAND & CLAY	1 55	107	Slot/Gauze Length ft, and ft.
			Fittings
GRAVELY SANDROCK	/ 7	114)	31 OPEN HOLE
SANDEDCK	3/	145	9 STATIC WATER LEVEL  40 ft. below land surface
SANDEELL			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 (CI)
			HerdnessOther
			Pitless Adapter 12" Above Grade
		***************************************	13 Well Grouted? Yes No
			Neat Cement Bentonite
			Depth: Fromft. toft.  14 Nearest Source of possible contamination
	,		feetDirection NOT /N Type
			Well disinfected upon completion 🔀 Yes 🗌 No
			15 PUMP:  Manufacturer's Name KED JACKET  Manufacturer's Name KED JACKET
			Manufacturer's Name Number SORWICE9BE HP 12 Votts 230
ABORE THRO BY ORILLER, ITEM NO.			Length of Drop Pipe 3 ft. capacity /2 G.P.M.
*ADDITION BY			Type: 🔀 Submersible
ELEVATION			
DEPTH TO PICH USE A 2ND SHEET IF NEEDED			
16 Remarks, elevation, source of data, etc.			WELL CONTRACTOR'S CERTIFICATION:
Art	ŀ	This well	If was drilled under my jurisdiction and this report is true ast of my knowledge and belief. Two \$1-1586
$  \cdot   < \langle \rangle$	70		STERED BUSINESS NAME A REGISTRATION NO.
OT -08	47	Address	NEVIER MICH
			Charles Cruse Date 2-8-80
		Signed _	AUTHORIZED REPRESENTATIVE Date
D67d 100M (Rev. 12-68)			

GEOLOGICAL SURVEY SAMPLE No.		
ZAUG 0 3 1979	WATER WELL I	DECORD MICHIGAN DEPARTMENT
2	ACT 294 PA	1965 PUBLIC HEALTH
1 LOCATION OF WELL County Township Name	Fract	
Cerash Sulvas		14 14 14 7 2 ANS. 3 E/W.
Distance And Direction from Joaq Intersections		3 OWNER OF WELLS
4380 Mushback		Address 20121 A FLAGO
Street address & City of Woll Location Chelle	a nicel	The state of the s
	tch Map:	4 WELL DEPTH: (completed) Date of Completion
		89 ft. 7-12-79
1		5 Cable tool Rotary Driven Dug
w well		Hollow rod   Jetted   Bored    6 USE:   Domestic   Public Supply   Industry
		Irrigation Air Conditioning Commercial
		Test Well
5		7 CASING: Threaded Welded Height: Above/Below Surface ft.
1 MILE	THICKNESS DEPTH	TO 4 in to 85 ft Death   Weight // lbs./ft.
2 FORMATION	OF BOTTON STRATUM STRAT	UMin. toft. Depth Drive Shoe? Yes No
	89 89	8 SCREEN:
Viavel	0/0/	Type: (a) (a) Star Dia.; 33/4/ Slot/Gauza 30 Length 4/
		Set between S ft. and S ft.
		Fittings: L Puelen Yyslerg
		9 STATIC WATER LEVEL
		56 ft. below land surface
		10 PUMPING LEVEL below land surface
		56 ft. after hrs. pumping 2 g.p.m.
		ft. afterhrs. pumpingg.p.m.
		11 WATER QUALITY in Parts Per Million:
		fron (Fe) Chlorides (CI)
		HardnessOther
		12 WELL HEAD COMPLETION: In Approved Pit
		Pitless Adapter 12" Above Grade
		13 Well Grouted?  Yes No Neat Cement  Sentonite
		Depth: Fromft. toft.
		14 Nearest Source of possible contamination
		Well disinfected upon completion yes No
		15 PUMP: Not installed
		Manufacturer's Name O De Yot
		Model Number - CR98C HP 12 Volts 200
		Length of Drop Pipe ft. capacity AG.P.M.  Type: ASubmersible
		Jet Reciprocating
16 Remarks, elevation, source of data, etc.	17 WA	FER WELL CONTRACTOR'S CERTIFICATION:
		well was drilled under my full adjection and this report is true
ADDED INFO BY DRILLER, ITEM NO.	U	ible Vulleng of Jug 01-050
*CORRECTED BYS 4 18-76	-	() A ()
ELEVATION BY	Add	ress Viete juice
DEPTH TO ROCK	Sign	ed sel Clark Date 7-13-79
D67d 100M (Rev. 12-68)		ANTHORIZED REPRESENTATIVE

GEOLOGICAL SURVEY SAMPLE MICHIGAN DEPARTMENT OF PUBLIC HEALTH WATER WELL RECORD ACT 294 LOCATION OF WELL ownship Name Range Number ounty NHAS WISWI 3 OWNER OF WELL: GEORGE Distance And Direction from Road Intersections CAUAN AUGH LK. Rd. Address SAME Street address & City of Well Location 4 WELL DEPTH: (completed) Date of Completion Locata with "X" in section below Sketch Map: Dug 🔀 Cable tool Driven Hollow rod \_\_\_\_ Jetted 6 USE: Domestic Public Supply Industry Irrigation Air Conditioning Commercial Test Well 7 CASING: Threaded 🔀 Welded 🗌 Height: Above/Belew. Surface \_\_\_\_\_ 1 MILE DEPTH TO BOTTOM OF STRATUM THICKNESS ft. Depth **FORMATION** 8 SCREEN: Set between, ft. below land surface 10 PUMPING LEVEL below land surface 2/ ft. after Ahrs. pumping \_ \_\_ ft. after \_\_\_ hrs. pumping \_ 11 WATER QUALITY in Parts Per Million: Iron (Fe) \_\_\_\_\_ Chlorides (CI) \_\_\_ Hardness \_\_\_\_\_ \_Other 12 WELL HEAD COMPLETION: \_\_\_\_ In Approved Pit Pitless Adapter 12" Above Grade 13 Well Grouted? Yes No Neat Cement Bentonite Depth: From ft, to 14 Nearest Source of possible contamination Well disinfected upon completion Yes No Manufacturer's Name . Length of Drop Pipe 2 / ft. capacity 20G.P.M. Type: Submersible Reciprocating

MAADDITION 630

USE A 2ND SHEET IF NEEDED

16 Remarks, elevation, source of data, etc.

100M (Rev. 12-68)

D67d

This well was drilled under my jurisdicti

17 WATER WELL CONTRACTOR'S CERTIFICATION:

WATER WELL RECORD  ACT 294 PA 1965  LOCATION OF WELL  MICHIGAN DEPARTMENT OF PUBLIC HEALTH	GEOLOGICAL SURVEY SAMPLE NO. AUG 0 3 1979			
Tourness And Direction from flood interruptions   Souther Number   Town Number   South Name	F	WATER	WELL REC	ORD MICHIGAN DEPARTMENT
Southern Service Number   Conversition   Conversition Number   Conversition   Conver	1 LOCATION OF WELL	ACT 2	94 PA 1965	FUBLIC HEALTH
SOWER OF WILL  Treet address & City of Well Leasted ALMA CARLE  Treet address & City of Well Leasted ALMA CARLE  South Major  Well DEPTH (Lone)   Leasted   Leasted ALMA CARLE  South Major  Well DEPTH (Lone)   Leasted   Leasted	County		Fraction	
Address & City of Wall Leasted Author, and Author Secretary Secret	District from Boad Interse	J. Chan		O CHARLES OF WELL
TRACTION OF THE MATERIAL STATES AND THE STATE OF THE STAT				Don Olle 11 100
S   Cable tool   Borary   Driven   Dup	. 2 of the there of	CONTRACTOR FOR	0° 24. 1	Address
S   Cable tool   Borary   Driven   Dup	Street address & City of Wolf Location &	Sketch Map:	and 1970	4 WELL DEPTH: (completed) Date of Completion
Hollow rod   Jetted   Bogrod   Guster   Public Supply   Industry	N			60 ft. 6/14/79
Section   Sect	<b>├ -  </b>			
FORMATION    THICKESS   DETH TO   THICKESS   DETH TO   THICKESS   DETH TO   STRATUM   TO ALL   Depth   Diversion   Depth   Diversion   To All   Depth   Dept	w	w K	ŀ	
THICKNESS   OCETH TO   STRATUM   Surface   In. to   ALCH, Depth   Drive Shee? Ves   No   STRATUM   Drive Shee? Ves   No   Drive Shee? Ves	X	7	-Websels and the second	
STATON   S		VHOOR CARE EQ	ŀ	
FORMATION  STRATUM  S	S S I MILE			Diam, Surfaceft.
SAND   3.2   3.2   Secreen:   Type: SOHN SON SO Dia:   Y	2 FORMATION	0F	BOTTOM OF	,
Sidy Gauze 7 Length 6 Set botwoon 5 16 ft. and 6 2 ft.  (LINTER SOND) 17 6 2 Fittings:		STRATUM		
Set borwoon 56 ft. and 62 ft.    CUNTYRESOND   7	51	IND 22	22	
Fittings: 3   STATIC WATER LEVEL   3   Fittings: 3   STATIC WATER LEVEL   3   Fit bolow land surface    10 PUMPING LEVEL below land surface   10 PUMPING LEVEL below land surface   3   Fit, after 2 hrs. pumping   2   p.p.m.    3   Fit stor 2 hrs. pumping   2   p.p.m.   3   Fit stor 2 hrs. pumping   2   p.p.m.    11 WATER QUALITY in Parts Par Million:   Iron [Fe]	6	nUE ( 23	115	
SAC 1. below land surface   10 PUMPING LEVEL below land surface   10 PUMPING LEVEL below land surface   3	1			
3 C   ft. below land surface   10 PUMPING LEVEL below land surface   3 7   ft. after 2 hrs. pumping   2   g.p.m.   3 9   ft. after 2 hrs. pumping   2   g.p.m.   3 9   ft. after 2 hrs. pumping   2   g.p.m.   11 WATER QUALITY in Parts Per Million:   Iron (Fe)	WATER	2000 11		9 STATIC WATER LEVEL 1
3 7 ft. after 2 hrs. pumping 2 g.p.m.  3 9 ft. after 2 hrs. pumping 2 g.p.m.  3 9 ft. after 2 hrs. pumping 2 g.p.m.  11 WATER QUALITY in Parts Par Million:    Item (Fe)				36 ft. below land surface
3   ft. after 2 hrs. pumping   2   g.p.m.		·		
11 WATER QUALITY in Parts Per Million:				T. R. arter 5 lits. pumping 72
Iron (Fe)				
Herdness   Other   A DOUGH				
12 WELL HEAD COMPLETION:   In Approved Pit   Pitless Adapter   12" Above Grade   13 Well Grouted?   Yes   No   Nest Cement   Bentonite   Management   Nest Cement   Nest				TVOT KNOWN
Pitless Adapter   12" Above Grade				
Neat Cement   Bentonite				Pitless Adapter 12" Above Grade
Depth: From All ft. to All ft.  14 Nearest Source of possible contamination    All Nearest Source of possible contamination				
14 Nearest Source of possible contamination    Content				Depth: From all ft. to all ft.
Well disinfected upon completion \[ \text{Ves} \] No  16 PUMP: \[ \text{Not installed} \]  Manufacturer's Name \[ \text{LO JACK (*)} \]  Model Number \[ \text{OC BC HP //Ovoits 23 O} \]  Length of Drop Pipe \[ \frac{1}{2} \] G.P.M.  Type: \[ \text{Submersible} \]  \[ \text{Jet mersible} \]				14 standard Course of magnifula contamination
Manufacturer's Name    Manufacturer's Name				
Model Number 50 BC HP Ovoits 230  Length of Drop Pipe 45 ft. capacity 20 G.P.M.  Type: Submersible  Jet Reciprocating  16 Remarks elevation square of data, etc.  ADDED INFO BY ORIGINAL TEM AND CORRECTED BY  "ADDITION BY  ELEVATION DEPTH TIT THICK  Signed AUTHORIZED REPRESENTATIVE  Model Number 50 BC HP Ovoits 230  Length of Drop Pipe 45 ft. capacity 20 G.P.M.  Type: Submersible  Jet 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.  PREGISTERED BYSINESS NAME  REGISTERED BYSINESS NAME  Signed AUTHORIZED REPRESENTATIVE				Ar I Idol Waterland
Length of Drop Pipe 45 ft. capacity 20 G.P.M.  Type: Submersible    Jet				Mailutactural a Marito
Type: Submersible  Jet Reciprocating  16 Bernarks of evaluation squirce of data, etc.  ADDED INTO BY ORITHM. HEN IN data, etc.  **CORRECTED BY  **ADDITION BY  ELEVATION  DEPTH TO RICA  Signed  AUTHORIZED REPRESENTATIVE				
USE A 2ND SHEET IF NEEDED  16 Remarks of elevation squrre of data, etc.  ADDED INFO BY DRILLER, TENN of data, etc.  **CORRECTED BY  **ADDITION BY  ELEVATION  DEPTH TO RICK  Signed  AUTHORIZED REPRESENTATIVE				Type: Submersible
16 Bemarks elevation squrce 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.  19 O  REGISTERED BUSINESS NAME  Address 10/5 Joy Cd Jext-av 48/3  Signed AUTHORIZED REPRESENTATIVE				
This well was drilled under my jurisdiction and this report is true  **CORRECTED BY  **ADDITION BY  ELEVATION  DEPTH TO RICA  Signed  AUTHORIZED REPRESENTATIVE  This well was drilled under my jurisdiction and this report is true  to the best of my knowledge and belief.  1990  REGISTERED BUSINESS NAME  Address 10/5 Joy Cd Dex + ay 48/3  Signed  AUTHORIZED REPRESENTATIVE			17 0/4 750	MELL CONTRACTOR'S CERTIFICATION:
**ADDITION BY ELEVATION DEPTH TO TRICA  Signed  AUTHORIZED REPRESENTATIVE  **ADDITION BY REGISTRATION NO.  Address 1015 Joy Cd Dex + ay 4813  Signed  AUTHORIZED REPRESENTATIVE		a, etc.	This well	It was drilled under my jurisdiction and this report is true
DEPTH TOT ROCK  Address 1015 Social Dex 1-07 18  Signed VI LO DEX 1-07 18  AUTHORIZED REPRESENTATIVE	1	3 7 P	I AAU	NEUC DICICCING 1390
Signed Nation Signed Authorized Representative 6/19/19		3-10		nois la PA Dertor (18)
Signed VI X LL(U V	DEPTH TOT ROCK		Address	1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			Signed	AUTHORIZEO REPRESENTATIVE

NOV 0 7 1979	Latinuda -		
	WATER V	VELL REC 4 PA 196	MICHIGAN DEPARTMENT OF PUBLIC HEALTH
1 LOCATION OF WELL County Township Name SLILV	Dal	Fraction	Section Number Town Number Range Number
Distance And Direction from Road Intersections  14 0 m; 1 E w; 0 f	· DALA	1/4 1/3 2 1 2 1 1	3 OWNER OF WELL:
My of Mile Will	1. J.	MUSM	Address TOM STOCK
Street address & City of Well Location  Locate with "X" in section below  Ske			4 WELL DEPTH: (completed) Date of Completion
O AV AVALLAK	tch Map:	a	72 . 014/20
	AVAN AU	SH LA	5 Cable tool Rotary Driven Dug Hollow rod Jetted Bored
			6 USE: Domestic Public Supply Industry
			Test Well
S I MILE			7 CASING: Threaded X Welded Height: Above/Below Diam. Surfaceft.
2 FORMATION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	in. to  ALLft, Depth   Weight _//_ ibs./ft;  in. toft, Depth   Drive Shoe? Yes   No
0 0		4	8 echeem.
geaust	9	13	Type: JOHNSON 55 Dia.: 4  Slot/Gauze 15 Length 4  Set between 69 ft. and 13 ft.
Epirul Clay	7		
gravel gravel gravel	33	46	9 STATIC WATER LEVEL
Clay Water Sand	10	56	24 ft. below land surface
Ukter Sand	17	73	33 ft. after hrs. pumping 12 g.p.m.
			34 ft. after 2 hrs. pumping 12 g.p.m.
			11 WATER QUALITY in Parts Per Million:    Iron (Fe) Chlorides (CI)
			HardnessOther
			12 WELL HEAD COMPLETION: In Approved Pit
			13 Well Grouted: Yes No
			Depth: From ALL ft. to ALL ft.
			14 Nearest Source of possible contamination  feet Direction Type
			Well disinfected upon completion Yes No
			Manufacturer's Name Pt JACKET
			Model Number 50 BC HP 2 Voits 230 Length of Drop Pipe 60 ft. capacity 6 G.P.M.
			Type: Submersible    Submersible   Reciprocating   Reciprocati
			T 2ar
16 Remarks, elevation, source of data, etc.			WELL CONTRACTOR'S CERTIFICATION: Il was drilled under my jurisdiction and this report is true
		to the b	est of my knowledge and belief.  All All Millian a M.C. 1290
54 15-79		REGI	STERED BUSINESS NAME RO. REGISTRATION NO.
			Honalde Jylohadon Win 179
100% (Roy 17-60)		] Signed X	AUTHORIZED REPRESENTATIVE

MICHIGAN DEPARTMENT OF PUBLIC HEALTH GEOLÓGICAL SURVEY NO.

# WATER WELL AND PUMP RECORD

SY		7	8	8	(e)	K.
' PI	RMI	T N	UMB	ER		

A LOCATION OF WELL						,		
	ownship Name		Fraction	Sect	tion Number	Town Num	1	Range Number
abstenow	Sylvian		W1/4	1/4 1/4	7		N(S)	EW
Distance And Direction From Road inter	North of Cours	rricu	Th	3 OWNER OF WEL	mec	heel	Bra	mercha
on Sant Ses	as of Abrild	end	9. 1	Address	13/18	a no	lers	terested
1 7	0 0000	)	/)		grego	The state of	red.	<b>,</b>
Street Address & City of Well Location	oreeland for to	uce	VB,	Address Same A	As Well Locatio	n? ☐ Y		No
Locate with "X" in Section Below	Sketch	мар:		4 WELL DEPTH:	Date Complete	YEAR LA	New Well	
	* X			6 Cable tool	Rotary	· 0	Driven	Dug
	1 2 E			Hollow rod	Auger	(	Jetted	
wb	3/3			6 USE: Domestic				Type III Public
	147	angere and		Irrigation				Heat pump
	Coreanary	rr		7 CASING: Stee			<u>الا</u> nt: Above	Helow
S S S				Plas	tic_ 🔲 Welde	. • -	će	
2 FORMATION DESCRI	PTION	CKNESS OF	DEPTH TO BOTTOM OF	in. to 6	ft, depth		nt <i>504</i>	
2 TOMMATION BESON	STI	RATUM	STRATUM	Greated Drill Hole	ft. depth	Drive	Shoe	Yes
B	15.01	751	75		ft. depth tt. depth			No No
worn yrould &	sono.		/ /	8 SCREEN:	ii. dopiii		Not Ins	talled
				Type 5101	tep	Diameter	4"	
no other mater				Slot/Gauze				,
110 ocher / pour	esil in			Set between	ft C-Packer	, and Lead Packe	fi	t. remer Check
(1) 100 Ochent to	n I land			Blank above s			Other	
Com John				9 STATIC WATER LE	VEL:			
Slones			-	10 PUMPING LEVEL:	ft. below land			Flow
no notwoodell	,			ft. aft			مسيوت	CRM
100 100 mariane	7			ft. aft	ter hrs.	pumping at	<del></del>	G.P.M.
	<u> </u>			11 WELL HEAD				
				COMPLETION:	Pitless ad Basement		12" at	oove grade ved pit
				12 WELL GROUTED?	No [	Yes Fro	om	10 65 ft.
				Neat cement	₩ Bento	nite 20	Other 2	6. Blug
				No. of bags of cea		Additives (	5)	60000
				13 Nearest source of	possible conta	mination		
		<u>_</u>		Туре Эсли		ce <u>/00</u>		
				Well disinfected upo Was old wall plugge	•	Yes Yes	∐ No <b>∑∂</b> No	1
	RECEIVED	)		14 DUMP:	ot Installed			Ilation Only
				Manufacturer's na	ime Fil	O:	,	
	DEC 0 1 1988			Model number	West,	HP	S, Voi	ts 220
		THE REST	(* 1)	Length of Drop Pi	pe ubmersible	ft.capfact		G.P.M.
ENV	IRONMENTAL HEA	TIT	video (i)	PRESSURE TANK	Roa			
MOR A AND SUPPRESENT	EDED.		5. 1h	Manufacturar's na Model number	ime <i>GTH</i>	Capac	ity zu ś	Descri 30
use A 2ND SHEET IF NEI				WELL CONTRACT		CATION:		Ganons
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Car e	This well to the bi	l was drilled under my est of my knowladge a	jurisdiction and ind belief.	i this report	is true	
<u></u>		a ai ta	Ver	on Well	Mull		00	150
17. Rig/Operator/s Name:	<b>\</b>			I fort the	NAME	REG	ISTHATION	NO.
A. Kan 14	Ben le	***************************************	Address	1	No		//	21-88
D87d 12/85	· way		Signed _	AUTHORIZED R	EPRESENTATIVE	D3	te _/	A1- 80

Authority: Completion: Pensity:

MICHIGAN DEPARTMENT OF PUBLIC HEALTH GEOLOGICAL SURVEY NO.

V	VAT	FR	WFI	LAND	<b>PUMP</b>	RECORD
w						

			1 1 1	
1 1 1 1	1 1	11 1	1 1 1	
1 1 1 1	1 1	11 1	1 1 1	
	1 1		1 1 1	
		, L	1	
		LIBERTO		_
PFF	KINNI N	UMBER	SY-75-	_Q
			````''''''''	-0

1 LOCATION OF WELL						,		
	Township Name		Fraction		Section Number	Town Number	I	
WASHTENAW	SYLVAN		SW 1/4	SW 1/4 NW 1/4		T2S N	/s R3E	E/W
Distance And Direction From Road Int	tersection			3 OWNER OF		SULL DEBC	Vanantia	
/5 /Io mi NE Harave	y & Loveland Ro	ads					Vermeyle	20
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,			Address	P.O. B		10.4	
4625 Loveland					Jacksoi	n, MI 492	204	
Street Address & City of Well Location	ın 🕴			Address Sa	me As Well Location			
Locate with "X" in Section Below		etch Map:		4 WELL DEPTH	d: Date Complete	YEAR XX NO	v Well	
	<i>∮</i>   <b>x</b>	,		66 гт.	1 1 1			
	/ II L	oveland		5 Cable to				Dug
				Hollow r			=	
w <b>X</b>			and the same of th	(1111)			Type III Pub	luc.
			<del>_</del>	6 USE: XX Dom		Public	Heat pump	""
	11			∐ Irrig.				
	Harvey_			7 CASING: F				
<u>                                   </u>				Diameter	Steel Threa	ded Height:	Above <b>Ąę</b>	
4 1 MILE				x x	Plastic Welde o <u>63</u> ft. depth	Surface	ft.	
2 FORMATION DESC	CRIPTION	THICKNESS	DEPTH TO BOTTOM OF			Weight	2 lbs./ft.	
2 FORMATION DESC		STRATUM	STRATUM	Grouted Dril	o ft. depth Il Hole Diameter	D		
	•			8 in. t	o <u>63</u> ft. depth	Drive Sh	727	
Sandy clay		7	7		o ft. depth		☐ No	
				8 SCREEN:		□ 1	ot installed	
Sand and gravel		20	27	Type sta	inless	Diameter	.**	
					.010			
Clays		24	51		63			
0.44				FITTINGS:	K-Packer	Lead Packer	Bremer Chec	:k
Sand		15	66					
Sallu		1.2	<u> </u>	9 STATIC WAT	bove screen 5			
				6	ft. below land	i surface	☐ Flow	N
		+			EVEL: below land s			
				E0			15 0814	
				1	ft. after hrs.			
					ft. after hrs	. pumping at	G.P.M.	
				11 WELL HEAD	) [] ::::		13" shous grade	
				COMPLETIC	N: XI FILIBSS 0		12" above grade	
				12 WELL GROU	Basemei		Approved pit	
				12 WELL GIO	☐ No	Yes From	_0 to3!	ž ft.
				Neat ce	ment Rent	onite 🗀 Ot	herQuik ge	4
				_	_			
					of cement 4			
-					arce of possible con-			1
140	40 21.4 87 11.			Type	Dista		Direction	
RE	CEIVED			Well disinfect	ed upon completion?	Sec.	∐ No	
				Was old well	plugged?	Yes	∐ No	
A	1OV 0 1 1989			14 PUMP:	Not Installed	Pum	p Installation Onl	у
,	104 0 = 2222			Manufactur	er's name Red	Jaacket		
		J.,		Model numi	per 50UWI9BC	HP 1/2	Volts220	<u>)                                    </u>
ENVIRO	NMENTAL HEAL	I H			rop Pipe <u>55</u>			
	. 14 s. s.				Submersible	[] let		
	1911.000	11000		PRESSURE				
		1 Fred . 1	7		er's nameAqu	a-Aire		
	, NCEOED .	1 2444	UM,	1	ber <u>V-60</u>	Capacity	42	_Gallons @
use a 2ND SHEET IF		10.	L		RACTOR'S CERTIF			
го, пеннатка, ынчаноп, source о		1989	This we	all was drilled und	der my jurisdiction a		true	
	The state of the s		to the t	pest of my knowle	edge and belief.			
	THE STATE OF THE S	Mary Star	FOX & E	BOLEY WELL	DRILLING,	INC.	016	7
							RATION NO.	ı
17. Rig Operator's Name:					ooklyn Rd.			
			Signed	Stepano, "	A Medical	Date	10/30/89	
D67d 2/89	<u> </u>		, uigilad	AUTHOR	IZED REPRESENTATIV	E	Act 368 PA 197	R
				(	Ce	mpletion:	Required	
						naity:	Conviction of a vot any provision	
	. G	EOLÓGICA	L SURVEY	COPY			misdemeanor.	

GEOLOGICAL SURVEY NO.

#### MICHIGAN DEPARTMENT OF PUBLIC HEALTH

## WATER WELL AND PUMP RECORD

5 4	1	4	5	ξς"	(1)	N	
	DED	MIT	ALL	MD	ED		_

	-			
PER	RMIT	LNI	IMA	IER

					PERMIT	ACMIDELL
1 LOCATION OF WELL County / Township Name	. (	Fraction	بير سع ديمر ه	Section Number	Town Number	Range Number
Distance And Direction From Road Interspection	<i>y</i> ·	1/4	E145614 3 OWNER OF		SQ NYS	3 E/₩
Wycholl Centolan	77	12		Mund	ret fills	agea.
18011 Aguandua	Bake	Mr.	Address	521	2 400	esan
19411 Church many	MI	4811	<i>a</i>	ann	MADO	1/1/2/180
Street Address & City of Well Location Coulded Locate with "X" in Section Below	Sketch Map:	10110	4 WELL DEPT	me As Well Location		4 No ~7076
			72 FT.	10 20		ement Wall
	AUANAU	of IKA	5 Cable to	<u>/</u>	/ Driven	Dug
The state of the s	SALLAND MAD WHO WHO IS NOT A SALLAND	Sandada	Hollow r			_
M	woh bas	ch /4	6 USE: Don		Public [	Type III Public Heat pump
	/		Tes	t Well Type i	lb Public	
			7 CASING: Diameter	Steel Threa		we Below
1 MILE	THICKNESS	DEPTH TO	5/in. 1	Plastic Welde o ft. depth	77	DE 2/
2 FORMATION DESCRIPTION	OF STRATUM	BOTTOM OF STRATUM	in, t	o ft. depth	Weight	(DS:/ft.
band - Bould	503	50	in. t	o Confit. depth	Drive Shoe	
Just quest		~ 10 m	8 SCREEN:	oft. depth	/ F1	No No
him sand.	20	70	Type	aintess	Diameter Diameter	Installed
h 1 al	2	72	Slot/Gauze	12,	Length	
Junay Clay	-	7	Set betweer	608	t. and	_ ft.
	,				Lead Packer   ft. Other _	Bremer Check
	47		9 STATIC WAT			
	-		10 PHMPING I	ft. below land se		Flow
				ft. after hrs.	,	GRM
			40	ft. after hrs.	pumping at 12	G.P.M.
			11 WELL HEAD			
••			COMPLETIO	N: Pitless a	· —	above grade proved pit
			12 WELL GROU	ITED>	Yes From	0 to 68 ft.
	7		☐ Neat ce		_	
				of cement		
			13 Nearest sou	rce of possible cont	amination	
			Type	Dista	L.J. (L.)	1
			Well disinfect	ed upon completion?	<u>—</u> i —	No No
	77		14 PUMP:	Not Installed		stallation Only
The state of the s			Manufacture	41.0379 J.	d Jacke	- pho
REC	CEIVED		dmun leboM	-	7	Volts 220
The state of the s	of Public H	ealth	Length of Di	Submersible	ft. capacity	G.P.M.
DEC :	1000		PRESSURE T	TANK:	m Fill	
Russian	*000		Manufacture	or's name	3	7.9.
use a 2ND SHEET IF NEEDED BUTGATE OF ENVISOR 15. Remarks, elevation, source of data, elecupational	drommontal	NATER	Model numb	ACTOR'S CERTIF	Capacity ICATION:	Gallons
and the second second	r reastn - GW	US This well	was drilled und	er my jurisdiction en dge and belief.	d this report is true	81-0524
		6	reblees	/ Lhill	ing C	o knel
17. Rig Operator's Name:			REGISTERED BOSI	VESE NAME ( )	REGISTRATI	ON NO.
But D Wand		Address	Varl 1	TAVA	1 /	0/20/80
D67d 12/85		Signed	AUTHORI	ZED REPRESENTATIVE	Date	7
		į	1	Au	thority: Act	368 PA 1978

Completion: Penalty:

Required
Conviction of a violation
of any provision is a
misdemeanor.

NALOU II O A NA	DEDART	NAENIT OF	OUDLIC HEALTH
CEOLOCICAL PURISA NO			IMP RECORD PERMIT NUMBER
1 LOCATION OF WELL  County Township Name  SYLVAN		Fraction NCV	Section Number Town Number Range Number  NSS E/MS
Distance And Direction From Road Intersection 4/250 MUSHBACH RO	7	•	Address WELL: DUANE LUICH
Street Address & City of Well Location  Locate with 'X' in Section Below Si			Address Sale Ad Well-Logation? 1 Yes No 48150
	shbA	ch Rl	FT.   Replacement Woll   Priven   Dug
W	9124051	ומעו ו	6 USE: Domestic Type I Public Type III Public Heat pump
T MILE	41.524 0 %	\	Test Well Type IIb Public  7 CASING: Steel Threaded Height: Above/Below Plastic Welded Surface ft.
2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	in to ft depth in. to ft. depth Grouped Drill Hote Diameter in, to ft. depth Drive Shoe Yes
BRAVEL	65	45	in, to
CRAY CLAY	2/	00	Type JONE ISEObiameter
LINE BOCK	2	92	Set betweenft. andft.  FITTINGS: K-Packer Lead Packer Bremer Check  Blank above screenft. Other
JAND ROCK	20	112	9 STATIC WATER LEVEL:  ft. below land surface Flow
LIME BOCK	6	118	10 PUMPING LEVEL: below land surface ft. after hrs. pumping at G.P.Mft. after hrs. pumping at G.P.M.
			11 WELL HEAD COMPLETION:  Basement offset Approved pit
			12 WELL GROUTED? No Yes From 1921t.
			No. of bags of cement Additives
RECEIVED			Type Distance 100 ft. Direction  Well disinfected upon completion? Yes No
			Was old well plugged? Yes No  14 PUMP: Not Installed Pump Installation Only  Manufacturer's name ASSO ACCESS
ENVIRONMENTAL HE	ALTH		Model number ABCHP 2 Volts 220  Length of Drop Pipe 65 ft. capacity 7 - 128 P.M.
			TYPE: Submersible Jet

PRESSURE/TANK: Manufacturer's name USE A 2NO SHEET IF NEEDED 15. Remarks, elevation, source of data, etc. Model number. 16. WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. 17. Rig Operator's Name: Address AUTHORIZED REPRESENTATIVE D67d 2/89 Act 368 PA 1978 Required Conviction of a violation of any provision is a misdemeanor. Authority: Completion: Penalty: GEOLOGICAL SURVEY COPY

GEOLOGICAL SURVEY NO.

MICHIGAN DEPARTMENT OF PUBLIC HEALTH

WATER WELL AND PUMP RECORD

 	DE	ALT	M	'n	MP	FR	

1 LOCATION OF WELL							
	Township Name		Fraction	NU/A SUL/A	Section Number	Town Number	Range Number
	ersection	f. Car		3 OWNER OF	WELL: Jac	1 61	······································
Distance And Direction From Road Int	Marth DI	1 (200	Lk Rd		46	45 Love	
				Address	Lake Gt	elsea, n	1,
0				1	me As Well Locatio		□ No
Street Address & City of Well Location Locate with "X," in Section Below		etch Map:		4 WELL DEPT		Date of Complet	ion
	N			54	t ft.	1-13	- 1988
1	1 PX			5 X Cable to	ol Rotary	Driven	Dug
	4			Hollow re		Jetted	
W X	3			6 USE: Dom		_	Type III Public
	1 6	avana u	1h Lk R	∐ lrriga □ Test	ation Type II. Well Type II	_	Heat pump
		<del></del>	<u> </u>	7 CASING: Diameter	Steel 🔀 Thread	ed Height: Abov	e/BBlow
1 MILE			[		Plastic Welder	0077400	ft.
2 FORMATION DESC	RIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	1	ft. depth	Weight//	lbs./ft.
		/ .	3.11A1.0M	Grouted Dril	Hole Diameter  tt. depth	Drive Shoe	X Yes
Clay		4	7	in. to	o ft. depth		□ No
D for	/	15	19	8 SCREEN:	inless Steel	☐ Not In	stalled,
NOLKS + gra	01/	/-/	- / /		. 7		4'
Sand , brown		15	34	Slot/G <del>auze</del> _ Set between	וציייי	ength 34	ft.
(1		10	111				Bremer Check
Clay, gray		12	46	Blank at	oove screen	t. Other	
Sand		8	54	17	f ft. below land	surface	Flow
Jane 1 gray				_	EVEL: below land su	rface	
•				22	ft. after hrs.	pumping at $19$	G.P.M.
					ft. after hrs.	pumping at	G.P.M.
				11 WELL HEAD		apter 🕅 12" a	above grade
				COMPLETIO	Basement		oved pit
				12 WELL GROU	ITED? No [	X Yes From	2ft.
				☐ Neat ce	ment 🔀 Bento	nite 🔲 Other	
					of cement rce of possible conta		
					tic tank Distant		South
				1 '			. 1
	RECEIVED				ted upon completion	Yes 📙	No
[	Mich. Dept. of Public	Section 1		1	Not Installed	Pump Insi	tallation Only
	MAY 0 3 1988			Manufacture	or's name	HP /2 V	olts 230
				Model numb Length of Dr		ft. capacity	olts G.P.M.
Bi	ireau of Environaien	tal and		1	Submersible		
0	coupational Health-i	ewos -		PRESSURE T Manufacture	43 /	1. Smit	6
USE A 2ND SHEET IF	NEEDED			Model numb	1/-1/11	Capacity	6 Gallons
15. Remarks, elevation, source of	······································	I		WELL CONTR	ACTOR'S CERTIFI	CATION:	
0 1	0 00			ll was drilled und est of my knowle	er my jurisdiction and dge and belief	a this report is true	00 1-14
1 51/- 7-8				seal h	1211 HG.	lling 6	38-1529
			A J J	REGISTERED BUSIN	NESS NAME RO	AEGISTRATIC	Jet Mi
/	14.674			61.11	a had	is :	12/88 /
D67d 2/84	ACC.		Signed .	AUTHORI	ZED REPRESENTATIVE	Date	790

Authority: Completion: Penalty:

WATER WELL AND PUMP RECORD    COATION OF WELL   Termship Name   Coation Name   C	MICHIGAN	DEPART	MENT OF	PUBLIC HEALTH
Datasetes del Diversion Pituri Bustan Section Pituri Bustan Sectio	GEOLOGICAL SURVEY NO. WATER	WELL /	AND PU	JMP RECORD PERMIT NUMBER
Distance of distriction flower transport of the property of th			Fraction	Section Number Town Number Bange Number
Unitarion de l'indication - Principio de l'Agricologie de	Westeraw Sylvan		SEVA	1E145E14 7 2 NOS) 3 E/NO
Address with White Solids   vest   white   west   white   west	Approx. 1200 ft. N. of M	10 >64	bock	
Scale tool   Auger   Institute   Dog   Below rod   Auger   Institute   Dog   Below rod   Below rod   Auger   Institute   Dog   Below rod   Auger   Institute   Dog   Below rod   Institute   Institu			, ,	Address 509 Lane mi 48118
Scale tool   Auger   Institute   Dog   Below rod   Auger   Institute   Dog   Below rod   Below rod   Auger   Institute   Dog   Below rod   Auger   Institute   Dog   Below rod   Institute   Institu	Street Address & City of Well Location 4230 W	2 ushb	ach	
Schelle Look   Anager   Driven   Drop   Dr	Locate with "X" in Section Below Sk	etch Map: "	. ,	4 WELL DEPTH: Date Completed New Well New Well
Gust   Greener   Gust		1	,	5 Cable tool ARotary Driven Dug
Test Well   Type III Protect   Treaspool   Treaspool   Treaspool   Height & Secretary   Height & Secretary   Treaspool   Treaspool   Treaspool   Height & Secretary   Treaspool   Treaspool   Height & Secretary   Treaspool	w       = -   = -			6 USE: Tomestic Type I Public Type III Public
PORMATION DESCRIPTION    THICKNESS   DEPTH TO STRATUM	Cavana	75h	***	
2 FORMATION DESCRIPTION  9 STATUM  9 STATUM  9 STATUM  9 STATUM  10 Deft. depth  10 Deft. depth  10 Deft. depth  10 Deft. depth  11 Deft. depth  12 Deft. depth  13 Deft. depth  14 Deft. depth  15 Deft. depth  16 Deft. depth  17 Deft. depth  18 Deft. depth  18 Deft. depth  19 Deft. depth  19 Deft. depth  19 Deft. depth  10 Deft. dept	I MILE			Diameter Steel Infedded Height. Above Below
Ground Drill Arise Diamster    Tro		OF	BOTTOM OF	in. to 10 / ft. depth Weight Ibs /ft.
8 SCREEN:   Mot Installed	TO A + C A		SIMAIUM	Grouted Drill Hole Diameter Drive Shoe Yes
Type   Diameter   Slot/Gauze   Length   Stank Buoke accession	Grown Sang Oran	5/	3/	II. IO II. depti
Set betweenft. andit	Gray Clas	6_	31/	
Blank above screen	Brown la It Com	19	56	Set betweenft. andft.
Sand, Gaffe, Care   Garage   Flow      Sand, Gaffe, Care   Garage   Flow	Commenter		641	
10 PUMPING LEVEL below land surface   1/2   11. after	Car Car		10	9 STATIC WATER LEVEL:
The content   Completion   Co	Sand, Coffy Clay	41	68	TO DELOW TAPES SETTLES
11 WELL HEAD   GMPLETION:   Basement offset   Approved pit	Chay Clay	12	80	1
COMPLETION: Basement offset Approved pit    12 WELL GROUTED?	Cody Clay? Count	15	85	
Neat cement	White Sal Store			COMPLETION: Basement offset Approved pit
No. of bags of cement Additives  13 Nearest source of possible contamination  Type SQ	had to fill the	20	110	12 WELL GROUTED? No Pres From O to 90 ft.
Type SQ TC Distance QUTH. Direction LDST  Well disinfected upon completion?  Wes No  Was old well plugged?  Yes No  14 PUMP: Not installed Pump Installation Only  Manufacturer's name No Decrease  Model number SC HP 22 Volts 23 C  Length of Drop Pipe Set ft. capacity G.P.M.  TYPE: Submersible Jet PRESSURE TANK:  Manufacturer's name Model number Capacity Gallons  15. Remarks, elayagan Medicurer 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 Ryord bedge and belief.  Redistrible pubmiss name  Address Address Address Shape Recharation of the contraction of the	No all the			
Well disinfected upon completion?	/ G P ( )			13 Nearest source of possible contamination
Was old well plugged?  Yes No  14 PUMP: Not Installed Pump Installation Only  Manufacturer's name Model number HP 72 Volts 230  Length of Drop Pipe St. capacity G.P.M.  TYPE: Submersible Jet PRESENTE TANK:  Manufacturer's name Model number Capacity Gallons  15. Remarks, elevated sectors 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.  REGISTER BY BUSINESS NAME: REGISTRATION NO  Address Address Address NAME: REGISTRATION NO  Address Address Address Address NAME: REGISTRATION NO  REGISTRATION NO  Address Address Address NAME: REGISTRATION NO  Address Address Address NAME: REGISTRATION NO  REGISTRATION NO  Address Address NAME: REGISTRATION NO				
15. Remarks, elevated borroe of data, etc.  16. WATER WELL CONTRACTOR'S CERTIFICATION:  17. Rig Operator's Name:  18. Remarks, elevated borroe of data, etc.  19. Model number 6 Capacity 7 Gallons  19. WATER WELL CONTRACTOR'S CERTIFICATION:  19. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  11. Rig Operator's Name:  12. Registration and this report is true to the best of my chord page and belief.  13. Registration and the contraction and the				Was old well plugged? Yes No
15. Remarks, elevated borroe of data, etc.  16. WATER WELL CONTRACTOR'S CERTIFICATION:  17. Rig Operator's Name:  18. Remarks, elevated borroe of data, etc.  19. Model number 6 Capacity 7 Gallons  19. WATER WELL CONTRACTOR'S CERTIFICATION:  19. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  11. Rig Operator's Name:  12. Registration and this report is true to the best of my chord page and belief.  13. Registration and the contraction and the	OF WED			Manufacturer's name Red Technology
15. Remarks, elevated borroe of data, etc.  16. WATER WELL CONTRACTOR'S CERTIFICATION:  17. Rig Operator's Name:  18. Remarks, elevated borroe of data, etc.  19. Model number 6 Capacity 7 Gallons  19. WATER WELL CONTRACTOR'S CERTIFICATION:  19. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  11. Rig Operator's Name:  12. Registration and this report is true to the best of my chord page and belief.  13. Registration and the contraction and the	BECE!		7.5 4 4 4	Model number 7BC HP 12 Volts 230
15. Remarks, elevated borroe of data, etc.  16. WATER WELL CONTRACTOR'S CERTIFICATION:  17. Rig Operator's Name:  18. Remarks, elevated borroe of data, etc.  19. Model number 6 Capacity 7 Gallons  19. WATER WELL CONTRACTOR'S CERTIFICATION:  19. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  11. Rig Operator's Name:  12. Registration and this report is true to the best of my chord page and belief.  13. Registration and the contraction and the	111 30 1991 mit		1 1 V	
15. Remarks, elevated borroe of data, etc.  16. WATER WELL CONTRACTOR'S CERTIFICATION:  17. Rig Operator's Name:  18. Remarks, elevated borroe of data, etc.  19. Model number 6 Capacity 7 Gallons  19. WATER WELL CONTRACTOR'S CERTIFICATION:  19. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  10. WATER WELL CONTRACTOR'S CERTIFICATION:  11. Rig Operator's Name:  12. Registration and this report is true to the best of my chord page and belief.  13. Registration and the contraction and the	JUL - HEALTH	g jin	4.3 E. 2 [] \	Connections TANK
17. Rig Operator's Name:  Address 3 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	USE A 2ND SHEPTINTEEDED AL		\$ 1991	Model number 6 6 Capacity 8 Gallons
17. Rig Operator's Name:  Address 3 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	15. Hemarks, elevation liberate of data, etc.	ati per paj manata		
17. Rig Operator's Name:  Address 5 8 6 100 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		· Mess.	<u></u>	Wh (1) VOI - 110 2 (124)
VATIL 18/1/2 Signer Dutelle pare 7, 22-9/	17. Rig Operator's Name:		ſ	2 1 X 1 11 1/1/2010 12 12 12 12 12 12 12 12 12 12 12 12 12
AUTHODITED PEOPLE STATIST	D670 2/89		Signe	AUTHORIZED REPRESENTATIVE Date 7.72

Authority: Completion: Penalty:

MICHIGAN	DEPARTM	IENIT OF	PHRITC H	FΔITH	
GEOLOGICAL SURVEY NO. WATER					PERMIT NUMBER
1. LOCATION OF WELL		<del>,</del>			
County Township Name	. /	Fraction	ا، یسے بیسے	Section Number	Town Number Range Number
WASHTENAVV JULVAI	V	De 1/4.	San San		2 Mgs 3 E/Mg
Distance And Direction From Boad Intersection 4017 NOTTO WILLS G KTOS LAICE	m 492	40	3 OWNER OF	"EBROW	)N
	6		Address		D. GRASS LAKE
Street Address & City of Well Location	Ser.		401   Address Sa	me As Well Location	
	ketch Map:		4 WELL DEPTH	l: Date Completed	EAR I New Well
CA C	ANAUGA	LKA	FT.	7 726	Replacement Well
			5 Cable to	ol Rotary	Driven Dug
			Hollow re		Jetted
M	*.		6 USE: Dom	estic Type I P	ublic Type III Public
			☐ Irriga		Public Heat pump
		*	☐ Test	Well Type lib	Public
Noll	EURI	*	7 CASING: Diameter	Steel Threade	d Height Above/Below
1 MILE		,		Plastic   Welded	Surface ft.
2 FORMATION DESCRIPTION	THICKNESS OF	DEPTH TO BOTTOM OF	1	ft. depth	Weight lbs./ft.
Z FORWATION DESCRIPTION	STRATUM	STRATUM		tt. depth	
(1) (1)	69	49	in. t	ft. depth	Drive Shoe   Yes
GKHVEL			8 SCREEN: //		
f			O SCHEEN. VV	1111555	Not installed
			Type	75	iameter
			Slot/Gauze	55 .	and 59 ft.
			Set between FITTINGS:	K-Packer L	ead Packer Bremer Check
			Blank al	<i>_</i>	Other
	+		9 STATIC WAT		Otto:
			(	1 ft. below land s	urface Flow
	+ +		10 PUMPING L	EVEL: below land sur	
			9	ft. after 2 hrs. p	umping at 24 G.P.M.
			,	ft. after hrs. p	, ,
			11 WELL HEAD COMPLETIO		
			12 WELL GROU	JTED? No [	Yes From $O$ to $SO$ ft.
			☐ Neatce	ment Benton	ite S Other BEN SEN 4
		- ***	No. of bags	of cementA	dditives
			13 Nearest sou	rce of possible contar	
	W 704		Туре 🚅		te 100 ft. Direction
				ed upon completion?	Yes No
	المعتدال		Was old well		X)Yes No
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			14 PUMP:	Not Installed	Pump Installation Only

Submersible PRESSURE TANK: Manufacturer's name RECEIVED use A 2ND SHEET IF NEEDED CAPE

15. Remarks, elevation, source of data, etc. Dept. of Public Heattwater Well Contractor's Certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. OCT 2 1991 BUREAU OF ENVIRONMENTAL AND Address Rig Operator's Name: Signed AUTHORIZED REPRESENTATIVE D67d 2/89 Authority: Completion: Pensity: Act 368 PA 1978 Required
Conviction of a violation
of any provision is a
misdemeanor.

Pump Installation Only

Not Installed

GEOLOGICAL SURVEY NO.

## MICHIGAN DEPARTMENT OF PUBLIC HEALTH

## WATER WELL AND PUMP RECORD

91-01	606
 PERMIT NUN	ABER .

1 I,QCATION OF WELL						· · · · · · · · · · · · · · · · · · ·	
County ASHTEN HW Township Name  N ASHTEN HW SYLVAN		Fraction NOV4	1W1/4NE1/4	Section Number	2	<b>₩</b> /S	Range Number
County WASHTEN HW Township Name SYLVAN  Distance and Direction From Road Intersection BS45 CHVAN AUGH LAKERD., C	HOSEA	18118	3 OWNER OF	WELLREN	ENSCI	4NE	70ER
Street Address & City of Well Location			Address 13874 Address Sa	SRAM ome As Well Loca	ation?	es 👢	GREGOR NO 48137
Locate with X in Section Below Lougland S	WEENS A	A P	WELL DEPTI	ol AROL	ary [	New Well Replaceme Driven	ent Well
W	191 KR	Rel	Hollow r 6 USE: Don Irrig	nestic Typ	e I Public e IIa Public e IIb Public	 	'ype III Public leat pump
No Ties &		0.507/1/70		Steel Thr Plantic We o ft. depti	Ided   Surfa	Above ce	ft.
2 FORMATION DESCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOYTOM OF STRATUM	in. t	oft. depti	yveigi	Shoe	lbs./ft.
SAND	40	20	8 SCREEN:	o ft. depti	h	Not Inst	No talled
CAND CLAY	51	A5	Slot/Gauze	71	Diameter	5 1	71
) HIVE			Blank a	K-Packer bove screen	Lead Packe		
			9 STATIC WAT	ER LEVEL:  ft. below to			Flow
			39	ft. after h	ırs, pumping at	•	G.P.M.
· · · · · · · · · · · · · · · · · · ·		,	11 WELL HEAD COMPLETIC	DN: Pitless	adapter		oove grade
1.00			12 WELL GROU	UTED? No	Yes Fro		2_10_45 (1
13/91			No. of bags		Additives	Other Se	
			Type Well disinfect Was old well	ed upon completio		FI. Direct	
RECEIVED			14 PUMP:	Not Installed	on fai	imp Insta	illation Only
JUL 2 6 1991 Mich	ECT		Model numb	rop Pipe	HPft. capac	Vol	11s. 220 0 G.P.M.
ENVIRONMENTAL HEALTHAL	Pot of pu	VED blick D	PRESSURE Manufacture	TANK:	IEIL FI	TE	7.9
JUL 26 1991 Mich. C  ENVIRONMENTAL HEALTHAL  USE A 2NO SHEET IF NEEDED  15. Remarks, elevation, source of data, etc. DUREAU OF E  OCCUPATION  17. Rig Operator's Name:  PERFULLIAN DAVE KNOW	NG 1 19	916. WATER	Model numb	RACTOR'S CERT	Capac FIFICATION: and this report		81-0524
TION	NVIRONMEN AL HEALTH	AL CLIE	REGISTIFRED BUS	(LLIUG	CO.1/	NC,	We w
17. Rig Operator's Name: PERRY KLONDAVE KNOP	E	Signed .	Jacks	a. Cl	rel Da	$\frac{1}{2}\frac{\nu_{\rm c}}{2}$	-20-91
D67d 2/89	GEOLOGIC.	AL SURVE	7		IVE Authority: Completion: Penalty:	Require Convict of any	i8 PA 1978 ad tion of a violation provision is a neanor.

#### MICHIGAN DEPARTMENT OF PUBLIC HEALTH GEOLOGICAL SURVEY NO.

#### WATER WELL AND PUMP RECORD

90	-6,	112	3	
PER	MIT N	UMBE	R	

Township Name    LOCATION OF WELL   County	EN® ARK
Distance And Direction From Road Intersection  RACHEL MASSEY  4262 MUSH BHCH, CHELSEA  Street Address & City of Well Location  Locate with "X" in Section Below  Sketch Map:  MUSK BACK R  3 OWNER OF WELL:  CROSS RUAN'S CONSTRUCTION K. CLA  Address  1692 MILLER RD., ANN ARBO  Address Same As Well Location? Yes R No 4/8  WELL DEPTH: Date Completed MO. 1 DAY 1 YEAR REplacement Well  MUSK BACK R  5 Cable tool Rotary Driven  Hollow rod Auger Jatted	ARK
RACHEL MASSEY  4262 MUSH BACH, CHELSEA  Street Address & City of Well Location  Locate with "X" in Section Below  Sketch Map:  MUSK BACK R  CROSS PORTS CONSTRUCTION K. CLI  Address  1692 MILLER RD., ANN ARBO  Address Same As Well Location? Yes R No 48  WELL DEPTH: Date Completed MO. 1 DAY 1 VEAR Replacement Well  MUSK BACK R  MUSK BACK R  CROSS PORTS CONSTRUCTION K. CLI  Address  Address  Address  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As Well Location? Yes R No 48  Address Same As W	
Address  Street Address & City of Well Location  Locate with "X" in Section Below  Locate with "X" in Section Below  Sketch Map:  MUSA bach Rd  Address Same As Well Location?  Yes No 48  OFFT.  Of O4 71   Replacement Well  Total Completed  Address Same As Well Location?  Yes No 48  Address Same As Well Location?  Address Sam	103
Locate with "X" in Section Below  Sketch Map:  4 WELL DEPTH: Date Completed Mo. 1 DAY 1 PAR 1 New Well  MO. 1 DAY 1 Replacement Well  MU.S.A. DAY 1 Replacement Well  5 Cable tool Auger Jetted	103
Locate with "X" in Section Below   Sketch Map:   4 WELL DEPTH:   Date Completed Mo. 1 DAY   Page   New Well	
☐ Hollow rod ☐ Auger ☐ Jetted ☐	
☐ Hollow rod ☐ Auger ☐ Jetted ☐	
	ug
DDINESTIC Type II date	c
☐ Irrigation ☐ Type IIa Public ☐ Heat pump	
CAVANAUGA Test Well Type IIb Public Test Well Type IIb Public Test Well Steel Threaded Height: Above Below	-
I MILE	
2 FORMATION DESCRIPTION  THICKNESS DEPTH TO SIN. to St. ft. depth  Weight 1/2/lbs./ft.	
2 FORMATION DESCRIPTION  OF STRATUM STRATUM  Grouted Drill Hole Diameter  in. toft. depth  Grouted Drill Hole Diameter  in. toft. depth  Drive ShoeYes	
GRAVEL So So in. to ft. depth No	
Not installed	
GRAV CLAY  3 37  Type STAINLESS Diameter 4"  Slot/Gauze Z6 Length 4"	
6 RAV ('LFIV (50FT) 0 4 Set between 85 ft. and 89 ft.	
FITTINGS: LAK K-Packer   Lead Packer   Bremer Chec	;
SAND  23 70 Blank above screenft. Other	
GRHYCLAY 6 76 4 ft. below land surface Flow	
- Do Town and Cavet Ballow and Cavet Bal	
11. ditelins. pumping at G.P.M.	
GRAVEL 681	
11 WELL HEAD COMPLETION: Pitless adapter 12" above grade Basement offset Approved pit	
12 WELL GROUTED? No Yes From O to 5	11. <u>(5</u>
□ Neat cement □ Bentonite ☑ Other	
No. of bags of cement Additives	
13 Nearest source of possible contamination  Type State Distance (20) 11. Direction State Distance	7
Type Distance Distance Well disinfected upon completion? Yes No	
Was old well plugged? Yes No	
14 PUMP: Not Installed Pump Installation Only  Manufacturer's name CFD ACLET	
Manufacturer's name APO VAILE	0
JAN 2.8 1991 Length of Drop Pipe 65 ft. capacity 62	G.P.M.
ENVIRONMENT RECEIVED TYPE: Submersible Jet	
PRESSURE TANK: AMTLOL Mich. Dept. 101 Public Health Manufacturer's name	
USE A ZND SHEET IF REEDED	Gallons
15. Remarks, elevation, source of data, etc.  MAR 0 4. 1994. WATER WELL CONTRACTOR'S CERTIFICATION: This well was drilled under my jurisdiction and this report is true	052
to the best of my knowledge and belief.	
BUREAU OF ENVIRONMENTAL AND EVENT BUSINESS NAME REGISTRATION NO.	
BUREAU OF ENVIRONMENTAL ANDS LEV DRILLING (U., INC.	
BUREAU OF ENVIRONMENTAL AND COMMENTAL AND CO	-91'
BUREAU OF ENVIRONMENTAL AND COMPATIONAL HEALTH-GWOS REGISTERED BUSINESS NAME REGISTRATION NO.  17. Rig Operator's Name:  ARRY CLARK FORK KLEIN  Signed Curi G. Clau C Date 1-2/	

MICHIGAN DEPARTMENT OF PUBLIC HEALTH GEOLOGICAL SURVEY NO. WATER WELL AND PUMP RECORD PERMIT NUMBER LOCATION OF WELL Township Name Section Number Town Number Fraction Range Number County Washtenaw Svlvan a sys SE VASEVASEVA Distance And Direction From Road Intersection OWNER OF WELL: Sunset Building Co. 15915 Cavanaugh Lake Rd. Chelsea, Mi 48118 3878 Trade Center Dr., Amn Arbor, MI Address Same As Well Location? Yes No 48108 Street Address & City of Well Location Locate with "X" in Section Below WELL DEPTH: Date Completed | X New Well MUSHBACH RI 10 25 91 Peplacement Well 72 FT. LOUELAN RU <sup>5</sup> Cable tool Driven Rotary Hollow rod Auger Jetted 6 USE: X Domestic Type I Public Type III Public Irrigation Type Ila Public Heat pump Test Well Type IIb Public 7 CASING: Steel Threaded Height: Above/AXXX Y Plastic Welded Surface \_\_\_\_\_ft. in. to 64 ft. depth DEPTH TO BOTTOM OF STRATUM Weight SDR21 lbs./ft. THICKNESS OF FORMATION DESCRIPTION \_\_ in. to \_\_\_\_\_ ft. depth ' Grouted Drill Hole Diameter
in. to ft. depth Drive Shoe Yes X No 62 62 gravel \_\_\_\_ in. to \_\_\_\_\_ ft. depth 8 SCREEN: Not Installed 72 10 sand Type stainless W/W Diameter 4" Slot/0444 12 Length 81 Set between \_\_64 FITTINGS: K-Packer Lead Packer Bremer Check Blank above screen \_\_\_\_\_ft. Other \_\_\_\_ 9 STATIC WATER LEVEL: 34\_\_\_\_\_ ft. below land surface 10 PUMPING LEVEL: below land surface 35 ft. after 2 hrs. pumping at 3 GPM. ft. after hrs, pumping at \_\_\_\_\_ G.P.M. 11 WELL HEAD X Pitless adapter 12" above grade COMPLETION: Basement offset Approved pit 12 WELL GROUTED? No Yes From D to 60th Bentonite De Other Neat cement No. of bags of cement \_\_\_\_\_ Additives 13 Nearest source of possible contamination Type SENTIC Distance 10011. Direction 5W Yes ☐ No Well disinfected upon completion? RECEIVED Yes Was old well plugged? Pump Installation Only Not Installed Manufacturer's name Red Jacket Model number 9BC HP 1/2 Volts 220 Length of Drop Pipe 60 ft. capacity 10 G.P.M. X Submorsible Jet \_\_\_ 15. Remarks, elevation, source of data, etc. Good And HEALTH This well was only to the best of my knowledge and the first fi Well Rite 1992 Model number 100 00 16. WATER WELL CONTRACTOR'S CERTIFICATION:

"" Was drilled under my jurisdiction and this repo This well was drilled under my jurisdiction and this report is true

8/-0524 REGISTRATION NO. Address 8300 Dexter Chelses Rd., Dexter

Authority: Completion: Penalty:

Act 368 PA 1978 Required Conviction of a violation of any provision is a misdemeanor.

Larry Clark

D67d 2/89

1 LOCATION OF WELL	I Parmala Im Va	- Incantan			Conting Wester	Takin Mirela	n Janes Wimber
County	Township Name	fraction	ie 0	L190 (7	Section Number	Töwn Numbe	
WASHTENAV	SYLVAN	SE % N	VE %		7	2 S	3 E
Distance And Direction From R	cad Intersection		3	OWNER	OF WELL KATHER	INE WAGNER	
112- SHOREVIEW DR				Addres	112 SH	OREVIEW DR.	
CHELSEA 48118	l		1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CHELSE	A, MI 4811	B
Street Address & City of Well	Location				ss Same As Well Loc		
Locate with "X" in Section Be	low	and an internal contract by agent granter and contract a majority and the grant and grant and the grant and gran	4	WELL DI		completed	REPLACEMENT WELL
						12/92	KEP ENGERIENT WELL
	W 7 10	horeview Dr.	5	DRILLI	NG METHOD:	ARY	
		Dr.	1	USE:		AL I	
v	E (X)	<del>-</del> ,	ľ	036:	DOM	ESTIC	
	· '31' /	أراب المستحد المستحد	7	CASING	•		
	% M1. 8	Mushbach			PLÁSTIC		Height: ABOVE
	0/	Rd.	1	Diame		ft. depth	Surface 1'
S	Latitude:			Diame		ft. depth	
«	Longitude:	***********	1	G	routed Drill Hole D		Weight SDR 21
2 FORMATION DESCRIPTIO	THICKNESS ON OF	DEPTH TO BOTTOM OF				ft. depth ft. depth	Drive Shoe: NO
E COMMITTON DESCRIPTION	STRATUM	STRATUM		- 1. C 1/102****			
SAND	10	10	8	SCREEN	Type STAINLESS	Diam	eter 4 " Nominal
GRAVEL	10	20	1		SLOT 16		Length 4 ft.
GRAVEL			-		Set Betw		ft. and 50 ft.
GRAY CLAY	15	35		FITTIN	GS: K-PACKER	Blank abov	
MED. SAND	15	50					
			9		WATER LEVEL ft. below land sur	face	Flow: NO
			10		NG LEVEL: below to		
			] '		ft. after 2 hrs.		18 G.P.M.
1	J.			•		pumping at	G.P.M.
11/1/1			+	UELL	HEAD COMPLETION:	pumping at	
7, 10				MLLL	TEAD CONFECTION.	PITLES	S ADAPTOR
91			12	WELL	GROUTED? YES		
			7	BEN-S	EAL From 0 to	25 ft.	
	HECHYED		-	2	bags of cement. Ad	lditives	
	自由 新州 Nat 14 14 15 05		13	Neare	st source of contam	ination	
	ero 1 1992				e SEPTIC Distan		t Direction N
	24+11-1996-		1		l disinfected upon old well plugged?		TES
***************************************		170	14	PUMP:	Pre33041	1 10 0	
, !	PAROTAN NIVE NEA	11. 1.17			facturers_name RED		
					l number 50\$EWO-980 th of Drop Pipe  25		
WC20703	DFA		1	Type	: SUBMERSIBLE	tt. Capaci	Cy 16 41F1711
MS20392 PS30392		EIVE			SURE TANK:	ni.	
	" Mich. Dept.		1	Mode	facturers Name AMTR l Number WX203	Capa	city 9.9 Gallons
15. Remarks, elevation, sour		16. WATER W	JELL C	ONTRAC	TOR'S CERTIFICATION	:	
	OCT	1 1994ms	s well e to t	was d h <b>e b</b> es	rilled under my jur t of my knowledge a	nd belief.	nu titta report 18
		1				5	31-0524
17. Rig Operator's Name:	BUREAU OF EN	VIRONMENTAL	Redis	TERED	BUSINESS NAME		ISTRATION NO.
P	ERRY KLEIN OCCUPATION	AL HEALTHAGY	ess _	830	O Dexter Chelsea Ro	. Dexter, M	! 48130
D474 2 (80 Abc) 4027404	2721		0		1 1 00 0	1	Date 849-92
D67d 2/89 CDCW10271P1	CICI	Sigr	ned >	Cil	COLLEGE DEPORTURE	VE	Date 0777
			(	AUTH	ORIZED REPRESENTATI		DA 4070
			``	J	Authority Completic		PA 1978 d
IMPORTANT: File with d	leed.				Penalty:	Convict	ion of a violation of a violation and a
						m sciene	Enor:

	" AMÓURO A	N DEPARTI	MENIT OF		E A L'TLI	
GEOLOGICAL SURVEY NO.		R WELL				92-01072 PERMIT NUMBER
1 LOCATION OF WELL						
County	Township Name		Fraction		Section Number	own Number Range Number
Washtenaw	Sylvan		JC 1/4	E125614		2 NO 3 CM
Distance And Direction From Road 4100 Mushbach Rd. Chelsea, MI 48118  Street Address & City of Well Locat				Address T	Bldg. Co.	., Ann Arbor 48108
Locate with "X" in Section Below	1011	Sketch Map:		4 WELL DEPTH	Date Completed	' XX
V	AUAWAUGI	@	26	74 FT.  5 Cable too Hollow ro 6 USE: ANDom Irriga Test 7 CASING: Diameter	ol Ager  d Auger  estic Type I Pr  tion Type III  Well Type IIb	Public Heat pump Public Height: Above/Bellow
2 FORMATION DE	SCRIPTION	THICKNESS OF STRATUM	DEPTH TO BOTTOM OF STRATUM	in. to	ft. depth	Surface SDR2 ft. Weight bs./ft.
sand		20	20	in. to	Diameter ft. depth	Drive Shoe Yes
gravel		25	45	8 SCREEN: TypePV	C Di	Not Installed  5" ameter 10
fine sand	444	29	74	Slot/ <b>XXXX</b> Set between	<b>64</b> (t. )	andft.
				FITTINGS:	K-Packer L	ead Packer Bremor Chock
				Blank ab		Other
				9 STATIC WATE	:R LEVEL: ft. below land s	urface
					VEL: below land surf	urrace —
- P				31	ft. after hrs. pr	umping at G.P.M.
*JY1	1,92			l .	ft. after hrs. pi	umping at G.P.M.
9/	6			11 WELL HEAD COMPLETION	Free College aug	
				12 WELL GROU	TED? No []	Yes From 0 to 60 (t.
				☐ Neat cer	ment 🔲 Bentoni	te X Other Benseal
						dditives
	Ct man en en			13 Nearest sour	ce of possible contain	e Aboft. Direction
	t the Color	\$1. E.F		Well disinfecte Was old well p	d upon completion? olugged?	Yes No
	13 11 25 3 3 3 3 3 6			14 PUMP: [	Not locabilled	Pump Installation Only

ENVIRCEN RECEIVED USE A 2ND SHEET IF NEEDED

SEP 1 : 1992

251 Model number ... Capacity 16. WATER WELL CONTRACTOR'S CERTIFICATION:

☐ Not Installed

Manufacturer's name Red Jacke'
Model number 1005EWI-7GC HP

XX Submersible

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. BUREAU OF ENVIRONMENTAL AND to the best of my knowledge OCCUPATIONAL HEALTH-GWOS Cribley Drilling Co.

Signed

8300 Dexter

TYPE:

PRESSURE TANK:

Manufacturer's name

Pump Installation Only

17. Rig Operator's Name:

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

Kurt Wing

D67d 2/89

Authority: Completion: Penalty:

Red Jacket

**Amtrol** 

ft. capacity.

☐ Jet