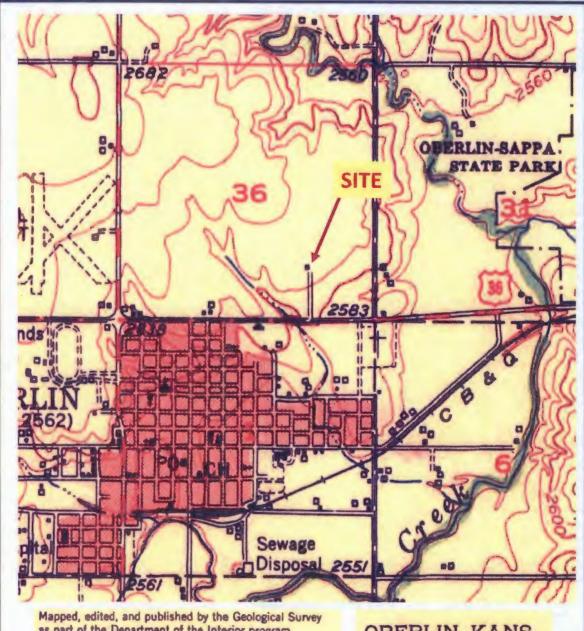
WATER WELL REC		Form W	WC-5	Division of Water Resources App. No.						
1 LOCATION OF WA County: Decatur	TER WELL:	Fraction SW 45E 4	1/4 1/4	Section Number   Township No.   Range Number						
Street/Rural Address o	f Well Location;	if unknown, distance &	& direction	Global Positioning System (GPS) information:						
from nearest town or is	ntersection: If at	Latitude: 39.828933 (in decimal degrees)								
708 East Frontier St	treet, Oberlin, K	Longitude: 100.520516 (in decimal degrees) Elevation:								
2 WATER WELL OW	NER. Hanne	-Mueller (Russ Wer	-d-V	— <u>Datum</u> : ☐ WGS 84, ☐ NAD 83, ☐ NAD 27						
RR#, Street Address,	I IGNOCI	Collection Method:  GPS unit (Make/Model: Google Earth)								
City, State, ZIP Code		☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey								
0.0,, 5000, 511 0000	· Omana	, <b>NE 68164</b>		Est. Accuracy:						
3 LOCATE WELL										
WITH AN "X" IN	4 DEPTH OF	COMPLETED WEL	L 100.0°	ft.						
SECTION BOX:	Depth(s) Groun	dwater Encountered	(1)	ft. (2) ft. (3)						
N	WELL'S STAT	IC WATER LEVEL.	91.55' <sub>ft</sub>	t. below land surface measured on mo/day/yr.2/16/16						
	Pump	test data: Well wate	T Was	ft. after hours pumping gr						
NWNE	EST. YIELD	gpm. Well wate	T Was	ft. after hours pumping gr						
WEE	Bore Hole Dian	neter 8.50" in. to .	100.0	ft., andft.						
<del>                                   </del>		R TO BE USED AS: [	] Public wa	iter supply Geothermal Injection well						
SW SE	□ Domestic	☐ Feedlot ☐	Oil field wat	ter supply Dewatering Other (Specify below						
X   T	☐ Irrigation	☐ Industrial ☐	Domestic-la	wn & garden 🗹 Monitoring well						
				to Department? 🔲 Yes 🗹 No						
S		day/yr sample was sul								
1 mile	Water well disir	nfected? Yes	No							
5 TYPE OF CASING U	SED: Stee	l PVC	Other							
CASING JOINTS:	Glued Clas	mped Welded	[7] Threade	xl						
Casing diameter .2.0"	in. to .75.0	ft., Diameter	in.	to ft., Diameter in to						
Casing height above lar	nd surface. Flusi	in., Weight	t	lbs./ft., Wall thickness or gauge No. Sch.40						
TYPE OF SCREEN OR				,						
Steel Stainless Steel PVC Other (Specify)										
☐ Brass ☐ Galvanized Steel ☐ None used (open hole)										
SCREEN OR PERFORATION OPENINGS ARE:										
Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)										
Louvered shutter Key punched Wire wrapped Saw cut Other (specify)  SCREEN-PERFORATED INTERVALS: From. 75.0 ft. to										
SCREEN-PERFORATE	DINIERVALS:	From!	II. to J.VV.	A From A to						
From										
GRAVEL PACE	CINIERVALS:			ft., From ft. to						
COOLT MATERIAL	. □ Nest cem	ent 7 Cement arous	t Ø	prite #1 Other Bentonite Pellets						
Grout Intervale: From	1.0' A 1	68.0° ft From	68.0'	onite Onther Bentonite Pellets ft. to 70.0' ft., From 70.0' ft. to 72.0'						
What is the nearest source	of possible cont	amination	•							
Septic tank		nes Pit privy	Livestock	pens Insecticide storage Other (specify below)						
Sewer lines	Cesspool	Sewage lagoon	Fuel stora							
☐ Watertight sewer li	ines Seepage	pit Feedyard	Fertilizer s	storage Oil well/gas well						
Direction from well				from well						
FROM TO	LITHOLOG	HC LOG	FROM	TO LITHO. LOG (cont.) or PLUGGING INTERVA						
See Bo	oring Log 🗡		<b>_</b>							
			<b></b>							
				ander						
			<b></b>	Original Returned to Sender						
	···		<b> </b>	for Correction Date: 18/16						
			<b>_</b>	10.						
			<b>_</b>							
			N							
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was \( \big  \) constructed, \( \big  \) reconstructed, or \( \big  \) plugged under my jurisdiction and was completed on \( \text{mo/day/year} \) 01/26/2016 and this record is true to the best of my knowledge and belief.										
under my jurisdiction and	was completed o	on (mo/day/year) .!!!!	.V.4 177 11 T	ing this record is true to the best of my knowledge and belied						
Kansas Water Well Contr	actor's License N	nmontal Sondana 1	water Well h	Record was completed on (mo/day/year) 03/10/2016						
under the business name of	OI	DI FASE DEPOS CON C	V and PROFF of	by (signature)						
(white, blue nink) to Kansas I	mer or ball point pe Department of Health	and Environment, Bureau	of Water. Geol	dearly. Please full in blanks and electric the correct answers. Send three cology Section, 1000 SW Jackson St., Suite 420, Topeka, Kassas 66612.						
Telephone 785-296-5522. See	ad one copy to WA	TER WELL OWNER and	retain one for	your records. Include fee of \$5.00 for each constructed well. Visit						
http://www.kdheks.gov/waterwe	ell/index.html.									
KSA 82a-1212				Check: White Copy, Blue Copy, Pink						

JOB NO LOIT - 2 45  PROJECT DESCRIPTION OF MATERIAL  PROJECT DESCRIPTION OF MATERIAL  PET PSUPPLICE ELEVATION  SOURCE STATE STATE  COLOR  WATER LEVEL MEASUREMENTS  DATE  LOW SOLD  BORRING NO. MAN. 1 - (Eas t)  M. MO. 1775 W. O. St. O.  BORRING NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE STATE  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (Eas t)  BORRING NO. MAN. 1 - (Eas t)  DATE CHOOSE NO. MAN. 1 - (E		A	100.05	Tron			
DESTRIPTION OF MATERIAL  GEOLOGIC  SAMPLE  FINATACE ELEVATION  SAMPLE  SAMPLE  LABORATORY TESTS  ORIGIN  N W. NO TYPE W O DELT OU  Flack  Brown, moist  Warrant  Warrant  Clay  O 25"  Clay  Clay  O 25"  Clay  SAMPLE  LABORATORY TESTS  ORIGIN  N W. NO TYPE W O DELT  OU  The brown posts  The brown	JOB NO	0. 2015 - 2.45					(6)
FRET FSUPPACE ELEVATION  Sandly Silf- brown, moist  M clay  O 25"  What have been been brown, moist  M clay  O 25"  What have been been been been been been been be				TICAL SCALE	1" =	BORING NO. MW	- (tas T)
Sandy Silf-  Brown, moist  First  Brown, moist  Wi clay  O 25"  Clay  Clay  Clay  Clay  The Manhole - Inc. bumper worsts  C x 2" conc. put  Clay  Clay  Sold Shack Shade  Oirs  Sold 40 PUC  C'WHS  Sold 100"  2" Sond 40 PUC  C'WHS  Let 100"  Let 100"  Let 2" Sond 65" to surface  Chip' Let 2" conc.  Sold 40 PUC  C'WHS  Let 2" conc.  Sold 40 PUC  C'WHS  Let 300"  Let 300"  Conserved to 72"  Policy Let 2" conc.  Sold 50"  Let 30"  Chip' Let 2"  Chip' Let 2"  Doin 65" to surface  Let 2" conc.  Sold 40 PUC  Chip' Let 2"  Policy Let 3"  Chip' Let 4"  Chip' Let 3"  Chip' Let 4"	IN		MATERIAL	650,000		SAMPLE I LABOR	A TORY TO
Sandy Silf- brown, moist  brown, moist  Advant Manhole - In burger 405875  2 2 2 conc. put  William of the sound of the so	PEET	SURFACE ELEVATION			N WL		
WI Clay  O 25'  Wear Black Shade  Sold  O 19  Sold  Was sold of OD'  25' Scren and  12-TO Soul to 72'  WATER LEVEL MEASUREMENTS  DATE  TIME  DATE  TIME  DATE  TIME  DEFIN  DEFIN	1	made all-		Duch		<del></del>	P.L. Qu
WI Clay  O 25'  Wear Black Shade  Sold  O 19  Sold  Was sold of OD'  25' Scren and  12-TO Soul to 72'  WATER LEVEL MEASUREMENTS  DATE  TIME  DATE  TIME  DATE  TIME  DEFIN  DEFIN		June 111	H	Mount	Man Hole	- no burne	e posts
WATER LEVEL MEABUREMENTS  DATE  TIME  SAME  CLAY  GRANT - 68 b Survace  Chart from hims  L x 2 Creec. paid		proun,		TT	+	2 2	
Clay	-	$\downarrow$		1 11			- peu
Clay	1	W/ Clay			an	and of Ks	11.6
Clay		اس بر			1 01		6 surgare
Clay  To John War Black Shade  280' - Hord - PARCH  Sand  Lock Sed = 100'  25' Screen  Sand 10 72'  PARCH A 70  Line Sed = 100'  25' Screen  Sand 10 72'  PARCH A 70  Line Sed = 100'  25' Screen  Sand 10 72'  PARCH A 70  Line Sed = 100'  25' Screen  Sand 10 72'  PARCH A 70  Line Sed = 100'  Sand 10 72'  PARCH A 70  Line Sed = 100'  Sand 10 72'  PARCH A 70  Line Sed = 100'  Sand 10 72'  PARCH A 70  Line Sed = 100'  START COMPLETE  DATE TIME SAMPLED CASHING CAYEN BAILED DEPTHS WITER METHOD 4/1" 4/5"  10 10 10 10 10 10 10 10 10 10 10 10 10 1		25				1. 11.	To There is
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  DATE  TIME  SAMURD  CANING  CAVE M.  SAMURD  CANING  CAVE M.  BAILED DEPTH  TO  TO  TO  TO  TO  TO  TO  TO  TO		/			1 1 5	of Conc	pau
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  DATE  TIME  SAMURD  CANING  CAVE M.  SAMURD  CANING  CAVE M.  BAILED DEPTH  TO  TO  TO  TO  TO  TO  TO  TO  TO		u			1 1		
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  DATE  TIME  SAMURD  CANING  CAVE M.  SAMURD  CANING  CAVE M.  BAILED DEPTH  TO  TO  TO  TO  TO  TO  TO  TO  TO		charl					
WATER LEVEL MEASUREMENTS  DATE  TIME  SAMPLED  CASING  COMPLETE  TO SAMPLED  CASING  COMPLETE  THAT  SCHALL Shade  ALED DEPTHS  MATER  LEVEL MEASUREMENTS  START  COMPLETE  THAT  COMPLETE  THAT  SAMPLED  COMPLETE  THAT  OF THAT	1	( ici j			+		
WATER LEVEL MEASUREMENTS  DATE  TIME  SAMPLED  CASING  COMPLETE  TO SAMPLED  CASING  COMPLETE  THAT  SCHALL Shade  ALED DEPTHS  MATER  LEVEL MEASUREMENTS  START  COMPLETE  THAT  COMPLETE  THAT  SAMPLED  COMPLETE  THAT  OF THAT	1 -			1 12-69'			
WATER LEVEL MEASUREMENTS  DATE  TIME  SAMPLED  CASING	1			9 Poret	[   ]		
WATER LEVEL MEASUREMENTS  DATE  TIME  SAMPLED  CASING				CB -	}		de pull
WATER LEVEL MEASUREMENTS  DATE  TIME  SAMPLED  CASING		Near Black	Shale .			S Char	ad buc
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  DATE TIME SAMPLED CASING CAVEIN BAILED DEPTHS WATER LEVEL METHOD 4/13" HSA 0  172-16-16-16-16-16-16-16-16-16-16-16-16-16-	]	• -		1 1 1	-		" worls
WATER LEVEL MEASUREMENTS  DATE TIME BAMPIED CASING CAVE IN DEPTH SAILED DEPTHS LEVEL METHOD & 13" HS A 9 10 10 10 10 10 10 10 10 10 10 10 10 10	1	= 80 - HO	~d ~		<b> </b>		
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  START COMPLETE  DATE TIME SAMPLED DEPTH BAILED DEPTHS LEVEL METHOD 4"13" 45 M 9  10  10  10  10  10  10  10  10  10  1	1	D					
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  START  COMPLETE  DATE  TIME  SAMPLED  DEPTH  DEPTH  BAILED DEPTHS  LEVEL  METHOD  LO  1-26-16  Times	]			Sort	<b>- 11</b>	I have se	6000
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  BAMPLED CASING DEPTH BAILED DEPTHS WATER LEVEL METHOD 4/13" 45 A 0 1/26-16		•		75-13		1 , 1	.
WATER LEVEL MEASUREMENTS  WATER LEVEL MEASUREMENTS  DATE  TIME  SAMPLED  DEPTH  DEPTH  DEPTH  BAILED DEPTHS  TO  TO  TO  THE  TIME  DEPTH  DEP	]					PC3	Creen
WATER LEVEL MEASUREMENTS  DATE TIME SAMPLED CASING DEPTH BAILED DEPTHS LEVEL METHOD 4"1" 45 A 9. 10 1-16-16 - times				3	-	- Sauce	6 72'
WATER LEVEL MEASUREMENTS  DATE TIME SAMPLED CASING DEPTH BAILED DEPTHS LEVEL METHOD 4"1" 45 A 9. 10 1-16-16 - times	1 1	W Sela	2 1001	3	-	parelle	A 70
WATER LEVEL MEASUREMENTS  START COMPLETE  TIME SAMPLED CASING CAVE IN DEPTH BAILED DEPTHS LEVEL METHOD 4"11" 45 A  10  10  1-16-16  Times	1	wen son	. ,,,,,				
WATER LEVEL MEASUREMENTS  START COMPLETE  TIME SAMPLED CASING CAVE IN DEPTH BAILED DEPTHS LEVEL METHOD 4"11" 45 A  10  10  1-16-16  Times	]	2 C' SCHEN	0.010		-	1 1 1 1	1. 1
WATER LEVEL MEASUREMENTS  START COMPLETE  DATE TIME SAMPLED CASING DEPTH BAILED DEPTHS WATER LEVEL METHOD 4/1," HSA  10 1-16-16 Times	4	21			-	gone	68 to sinke
WATER LEVEL MEASUREMENTS  STARTCOMPLETE  DATE TIME SAMPLED DEPTH CASING DEPTH BAILED DEPTHS WATER LEVEL METHOD 4"14" 454 g  to	1	12-20 San	l # 72'	8	-		
WATER LEVEL MEASUREMENTS  STARTCOMPLETE  DATE TIME SAMPLED DEPTH DEPTH BAILED DEPTHS WATER LEVEL METHOD 4"1" 45 A g  to	]			3	.		
WATER LEVEL MEASUREMENTS  STARTCOMPLETE  DATE TIME SAMPLED DEPTH DEPTH BAILED DEPTHS WATER LEVEL METHOD 4"1" 45 A g  to	+				.		
DATE TIME SAMPLED CASING DEPTH CAVEIN DEPTH BAILED DEPTHS WATER LEVEL METHOD 4"1" 45A 0-10 10			1	00			
DATE TIME SAMPLED CASING DEPTH CAVEIN DEPTH BAILED DEPTHS WATER LEVEL METHOD 4"1" 45A 0-10 10		WATER LEVEL	MEASUREMENTS	erent			
to 1-26-16 - trues	DATE	SAMPLED CASING	CAVEIN	1-			
lo lo		20.74	ONICED DE	PTHS LEVEL N			0
			lo		1-10-16	- tu	5
I CHEW Chief TOWN TO THE TOWN TO THE TAXABLE TO THE			lo lo		REW CHIEF DIA	CUTTA	



as part of the Department of the Interior program for the development of the Missouri River Basin

Control by USGS and USC&GS

Topography from serial photographs by multiplex methods and by plane-table surveys 1951. Aerial photographs taken 1950

OBERLIN, KANS. N3945-W10030/15

1951





West Central **Environmental Consultants** 10504 Bluejacket Street Overland Park, KS 66214

PROJECT NO: 15-10580-190

DESIGNED BY: WCEC SCALE: NTS REVIEWED BY: ESC DRAWN BY: ESC DATE: 9/11/15 FILE: FIG 1

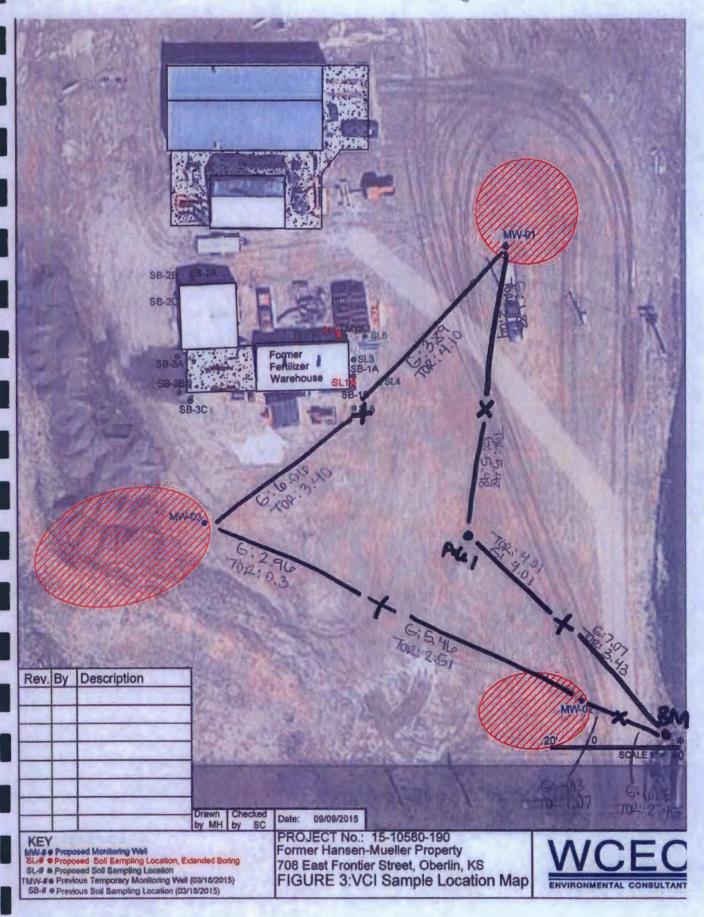
## FIGURE 1 - SITE LOCATION

KDHE VCPRP 15VCP0010

FORMER HANSEN-MUELLER PROPERTY 708 EAST FRONTIER STREET OBERLIN, KANSAS

## Survey 2/18/16 mT

ENVIRONMENTAL CONSULTANT





Thursday, March 16, 2017 3:58:28 PM - KDHE Section/Township/Range Finder