

**WATER WELL RECORD Form WWC-5**

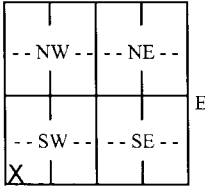
Division of Water Resources App. No.

Well ID MW-23

Original Record  Correction  Change in Well Use

<b>1 LOCATION OF WATER WELL:</b> County: <b>Jefferson</b>	Fraction <b>SW¼ SW¼ SW¼ SW¼</b>	Section Number <b>33</b>	Township Number <b>T 09 S</b>	Range Number <b>R 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W</b>
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<b>2 WELL OWNER:</b> Last Name: <b>Edmonds</b> First: <b>Phyliss</b> Business: Address: <b>816 Cherokee St.</b> Address: City: <b>Oskaloosa</b> State: <b>KS</b> ZIP: <b>66066</b>	Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/> <b>412 Sycamore St</b> <b>Oskaloosa, KS</b>
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<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  S -----1 mile-----	<b>4 DEPTH OF COMPLETED WELL:</b> <b>13</b> ft. Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <b>Dry</b> ..... ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <b>10/9/18</b> . <input type="checkbox"/> above land surface, measured on (mo-day-yr) ..... ft. Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm Well water was ..... ft. after ..... hours pumping ..... gpm Estimated Yield: ..... gpm Bore Hole Diameter: <b>8.25</b> in. to <b>13</b> ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> <b>39.21721</b> ..... (decimal degrees) <b>Longitude:</b> <b>95.31024</b> ..... (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model: .....) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: .....
<b>6 Elevation:</b> <b>1076.50</b> ..... ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other .....		

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID ..... 6. <input type="checkbox"/> Dewatering: how many wells? ..... 7. <input type="checkbox"/> Aquifer Recharge: well ID ..... 8. <input checked="" type="checkbox"/> Monitoring: well ID <b>MW-23</b> .....	10. <input type="checkbox"/> Oil Field Water Supply: lease ..... 11. Test Hole: well ID ..... <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? ..... a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify): .....
2. <input type="checkbox"/> Irrigation	9. Environmental Remediation: well ID ..... <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	
3. <input type="checkbox"/> Feedlot		
4. <input type="checkbox"/> Industrial		

**Was a chemical/bacteriological sample submitted to KDHE?**  Yes  No If yes, date sample was submitted: .....

Water well disinfected?  Yes  No

**8 TYPE OF CASING USED:**  Steel  PVC  Other ..... CASING JOINTS:  Glued  Clamped  Welded  Threaded  
Casing diameter **2** in. to **5** ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface **0.5** in. Weight ..... lbs./ft. Wall thickness or gauge No. **Sch 40** .....

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 Steel  Stainless Steel  Fiberglass  PVC  Other (Specify) .....  
 Brass  Galvanized Steel  Concrete tile  None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify) .....  
 Louvered Shutter  Key Punched  Wire Wrapped  Saw Cut  None (Open Hole)

SCREEN-PERFORATED INTERVALS: From **5** ft. to **13** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
GRAVEL PACK INTERVALS: From **3** ft. to **13** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....

Grout Intervals: From **1** ft. to **3** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**Nearest source of possible contamination:**  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) **Contaminated site U4-044-14690** .....

Direction from well? **South** ..... Distance from well? **260** ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2.5	Landscape rock and soil			
2.5	10	Clay, lt brn to brn to olv brn			
10	13	Shale, gray, dry			
13		TD auger refusal			

**Notes:**  
**U4-044-14690**  
**Walnut Street Station**

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-year) **10/8/18** ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **585** ..... This Water Well Record was completed on (mo-day-year) **10/30/18** ..... under the business name of **Associated Environmental, Inc.** Signature *[Signature]*

Jefferson SW SW SWSW

33-9-19

# FULL SITE SURVEY

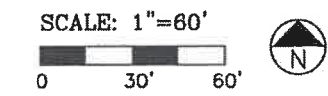
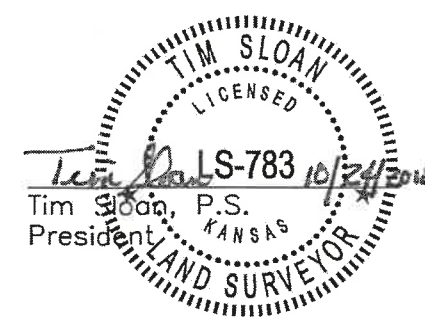
Walnut Street Station  
City of Oskaloosa, Jefferson County, Kansas

Point	North Coordinate	East Coordinate	Distance SE Cor. North	From Sec. 33 West	* Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
SE Cor. Sec. 33-T09S-R19E	40000	40000						
Well - M.W. - 1R	39895.18	34663.41	104.82 S.	5336.59	1112.72		39.21574	95.31099
Well - M.W. - 2	39844.18	34704.31	155.82 S.	5295.69	1116.11		39.21560	95.31084
Well - M.W. - 3	39920.05	34680.56	79.65 S.	5319.44	1111.60		39.21581	95.31093
Well - M.W. - 4R	39977.84	34706.76	22.16 S.	5293.24	1109.87		39.21597	95.31083
Well - M.W. - 5	39982.53	34806.90	17.47 S.	5193.10	1103.98		39.21643	95.31116
Well - M.W. - 6	39836.72	34584.31	163.28 S.	5415.69	1120.20		39.21558	95.31126
Well - M.W. - 7	39973.19	34635.54	26.81 S.	5364.46	1112.79		39.21596	95.31109
Well - M.W. - 18	40038.34	34915.30	38.34 S.	5084.70	1096.18	1095.72	39.21614	95.31010
Well - M.W. - 20	40243.39	34943.79	243.39 S.	5056.21	1090.93	1090.48	39.21670	95.31000
Well - M.W. - 21	40253.28	34860.21	253.28 S.	5139.79	1093.40	1093.12	39.21673	95.31030
Well - M.W. - 22	40319.63	34985.81	319.63 S.	5014.19	1086.51	1086.20	39.21691	95.30985
Well - M.W. - 23	40429.24	34877.23	429.24 S.	5122.77	1076.00	1076.50	39.21721	95.31024
Well - W.M.W. - 1	40074.39	34804.15	74.39 S.	5195.85	1100.94	1100.54	39.21624	95.31049
Well - W.M.W. - 2	40092.93	34836.15	92.93 S.	5163.85	1100.72	1100.40	39.21629	95.31038
Well - W.M.W. - 3	40047.75	34834.00	47.75 S.	5166.00	1101.14	1100.76	39.21616	95.31039
Well - W.M.W. - 4	40035.49	34791.45	35.49 S.	5208.55	1102.80	1102.56	39.21613	95.31054
Well - W.M.W. - 5	40144.38	34614.60	144.38 S.	5385.40	1102.91	1102.50	39.21643	95.31116
Well - W.M.W. - 6	40143.31	34795.77	143.31 S.	5204.23	1098.20	1097.77	39.21642	95.31052
Well - W.M.W. - 7	40165.89	34927.46	165.89 S.	5072.54	1094.02	1093.77	39.21649	95.31006
Well - W.M.W. - 8	40083.76	34915.62	83.76 S.	5084.38	1095.73	1095.20	39.21626	95.31010
Well - W.M.W. - 9	40215.72	34818.19	215.72 S.	5181.81	1094.40	1094.01	39.21662	95.31044
Well - W.M.W. - 10	39924.35	35022.45	75.65 S.	4977.55	1103.73	1103.43	39.21583	95.30972
Well - W.M.W. - 11	40086.96	35083.16	86.96 S.	4916.84	1085.95	1085.73	39.21627	95.30951
Well - W.M.W. - 12	40224.87	35024.69	224.87 S.	4975.31	1084.71	1084.44	39.21665	95.30971
Well - W.M.W. - 13	40341.03	34866.12	341.03 S.	5133.88	1084.90	1084.67	39.21697	95.31028
Well - W.M.W. - 14	40232.60	34686.71	232.60 S.	5313.29	1096.15	1095.74	39.21667	95.31091
Well - W.M.W. - 15	40324.01	35094.42	324.01 S.	4905.58	1075.68	1075.36	39.21692	95.30947
Well - W.M.W. - 16	40356.97	34675.69	356.97 S.	5324.31	1083.40	1083.01	39.21701	95.31095
Well - W.M.W. - 17	40485.70	34873.61	485.70 S.	5126.39	1073.31	1070.08	39.21737	95.31025
Well - E.C. - 1	40053.1	34789.9	53.1 S.	5210.1	GND 1101.8		39.21618	95.31054
Well - E.C. - 2	40105.4	34786.7	105.4 S.	5213.3	1100.1		39.21632	95.31055
Well - E.C. - 3	40078.8	34837.3	70.8 S.	5165.7	1101.0		39.21623	95.31038
Well - E.C. - 4	40106.5	38835.6	106.5 S.	5164.4	1100.8		39.21632	95.31038
Well - E.C. - 6	40054.0	34902.9	54.0 S.	5097.1	1097.3		39.21618	95.31014
Well - G.P. - 1	40062.5	34791.6	62.5 S.	5208.4	1104.5		39.21620	95.31054
Well - G.P. - 2	40058.1	34807.8	58.1 S.	5192.2	1101.2		39.21619	95.31048
Well - G.P. - 3	40103.8	34832.4	103.8 S.	5167.6	1100.8		39.21632	95.31039
Well - G.P. - 4	40079.6	34898.6	79.6 S.	5101.4	1097.3		39.21625	95.31016
Well - G.P. - 5	40041.6	34905.9	41.6 S.	5094.1	1097.0		39.21615	95.31013
Well - G.P. - 6	40053.9	34909.5	53.9 S.	5090.5	1096.6		39.21618	95.31012
Well - G.P. - 7	40101.0	34902.7	101.0 S.	5097.3	1096.7		39.21631	95.31014
Site B.M.	40091.49	34776.06	91.49 S.	5223.94	B.M. Elev. = 1101.40			

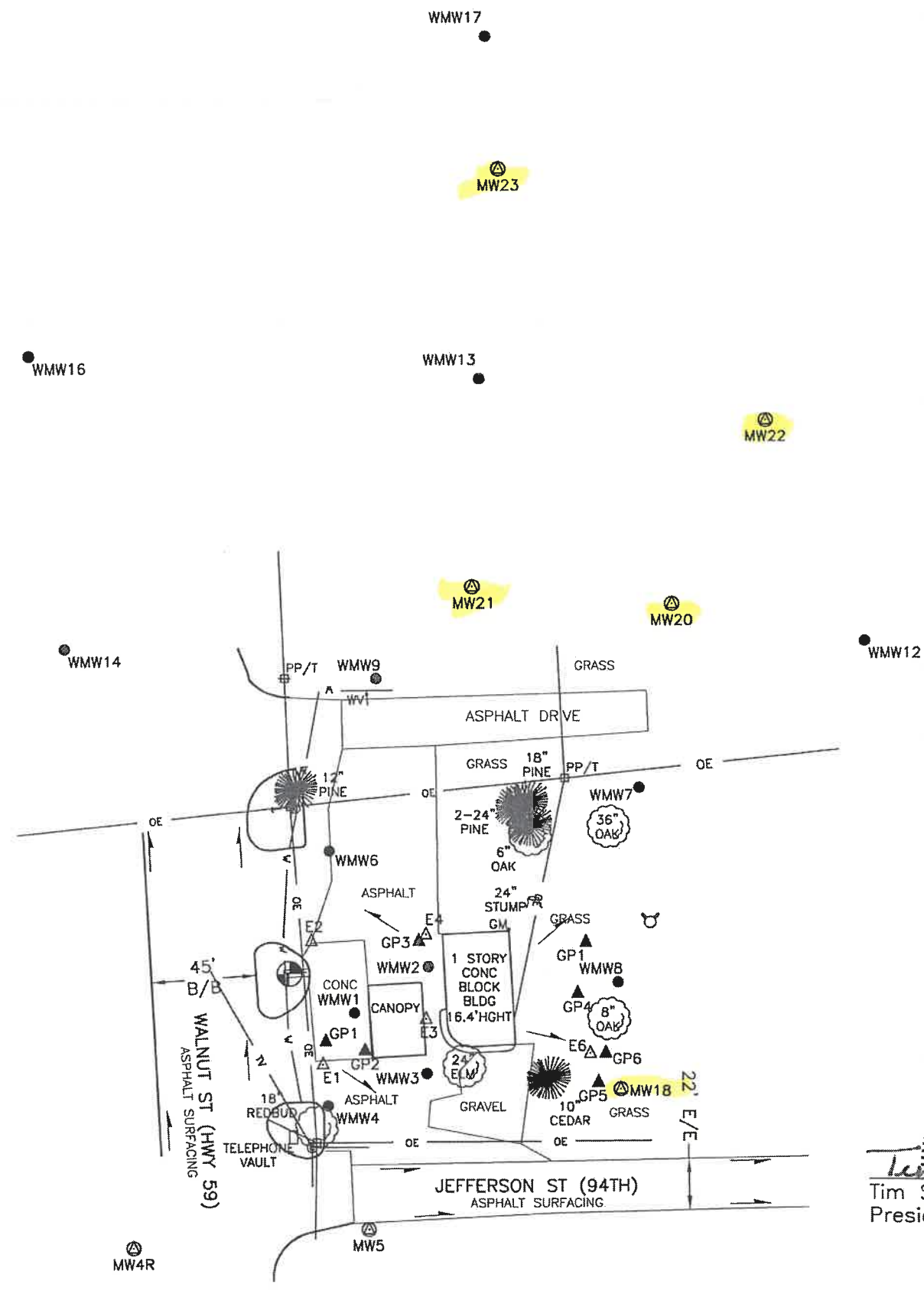
Description: " X " cut on top of southwest bolt of the southwest sign base at center of property.

### LEGEND

- WMW1 ● MONITOR WELL LOCATION
- GP1 ▲ GEOPROBE BORING LOCATION
- E1 ▲ EC PROBE LOCATION
- ⊕ SITE BENCHMARK
- ⊕ POWER POLE
- PP/T ⊕ POWER POLE W/ TRANSFORMER
- DEADMAN ANCHOR
- ⊕ FIRE HYDRANT
- WV ⊕ WATER VALVE
- GM ⊕ GAS METER
- ⊕ TELEPHONE PEDESTAL
- ⊕ TELEPHONE POLE
- ⊕ CABLE TV POLE
- DRAINAGE DIRECTION
- OE — OVERHEAD ELECTRIC LINE
- W — WATER LINE
- TV — OVERHEAD CABLE TV LINE
- ⊕ TREES



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Project #1810MN1286 DD #112



MW 6 (87' SOUTH) MW 1R (26' SOUTH) MW 3 (SOUTH) MW 2 (75' SOUTH)