

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

MW-18

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Jefferson Fraction SW 1/4 SW 1/4 SW 1/4 SW 1/4 Section Number 33 Township Number T 09 S Range Number R 19 E W

2 WELL OWNER: Last Name: Edmonds First: Phylliss 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: 503 Walnut St Oskaloosa, KS

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S 1 mile

4 DEPTH OF COMPLETED WELL: 20 ft. Depth(s) Groundwater Encountered: 1) ... ft. 2) ... ft. 3) ... ft., or 4) Dry Well WELL'S STATIC WATER LEVEL: 8.31 ft. below land surface, measured on (mo-day-yr) 10/9/18

5 Latitude: 39.21614 (decimal degrees) Longitude: 95.31010 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model) (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper

6 Elevation: 1095.72 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5. Public Water Supply: well ID 6. Dewatering: how many wells? 7. Aquifer Recharge: well ID 8. Monitoring: well ID MW-18 9. Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection 10. Oil Field Water Supply: lease 11. Test Hole: well ID Cased Uncased Geotechnical 12. Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water 13. Other (specify):

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 20 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 3 ft. to 20 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? West Distance from well? 50 ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Top Soil, Clay some sand lt brn, Sand, fine grn, some clay, dk brn, TD.

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

Jefferson SW SW SWSW 33-9-19

# FULL SITE SURVEY

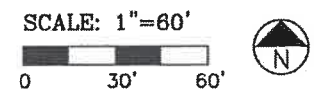
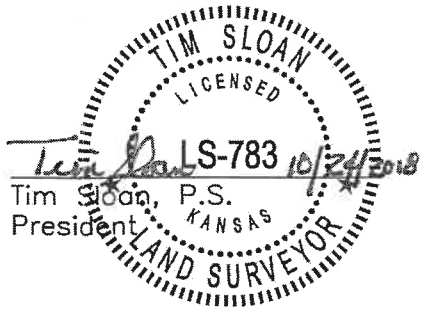
Walnut Street Station  
City of Oskaloosa, Jefferson County, Kansas

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			

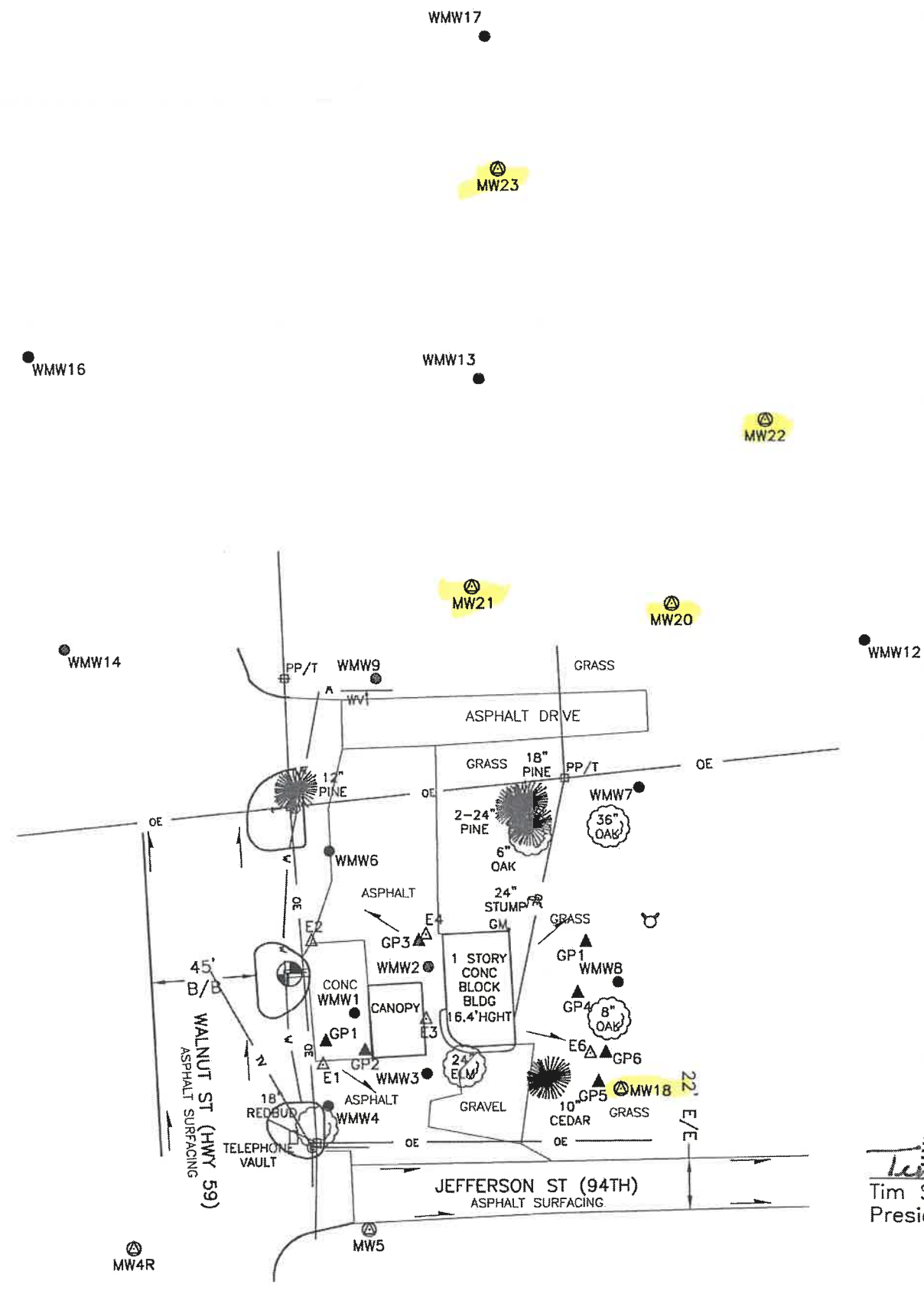
Description: " X " cut on top of southwest bolt of the southwest sign base at center of property.

### 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)