

**WATER WELL RECORD Form WWC-5**

Division of Water Resources App. No.  

Well ID MW-1

Original Record  Correction  Change in Well Use

<b>1 LOCATION OF WATER WELL:</b> County: Miami	Fraction NE ¼ SW ¼ SE ¼ NW ¼	Section Number 11	Township Number T 18 S	Range Number R 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: First: Business: City of Osawatomie Address: 439 Main Street Address: City: Osawatomie State: Kansas ZIP: 66064	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"/> 432 Main Street Osawatomie, Kansas 66064
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**3 LOCATE WELL WITH "X" IN SECTION BOX:**

N

--NW--	--NE--
W   X   E	
--SW--	--SE--

S

----- 1 mile -----

**4 DEPTH OF COMPLETED WELL:** 18.0 ft.

Depth(s) Groundwater Encountered: 1) ..... ft.  
2) ..... ft. 3) ..... ft., or 4)  Dry Well

WELL'S STATIC WATER LEVEL: ..... ft.

below land surface, measured on (mo-day-yr).....  
 above land surface, measured on (mo-day-yr).....

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: 8.50 in. to 18.0 ft. and  
..... in. to ..... ft.

**5 Latitude:** 38.499366 (decimal degrees)  
**Longitude:** 94.948533 (decimal degrees)  
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:** 867 ft.  Ground Level  TOC  
**Source:**  Land Survey  GPS  Topographic Map  
 Other KOLAR

**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 .....	10. <input type="checkbox"/> Oil Field Water Supply: lease .....
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells? .....	11. Test Hole: well ID .....
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID .....	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input checked="" type="checkbox"/> Monitoring: well ID MW-1	12. Geothermal: how many bores? .....
	9. Environmental Remediation: well ID .....	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> 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 2.0 in. to 3.0 ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.

Casing height above land surface 0 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 3.0 ft. to 18.0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**GRAVEL PACK INTERVALS:** From 2.0 ft. to 18.0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

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

Grout Intervals: From 0 ft. to 1.0 ft., From 1.0 ft. to 2.0 ft., From ..... ft. to ..... ft.

**Nearest source of possible contamination:**

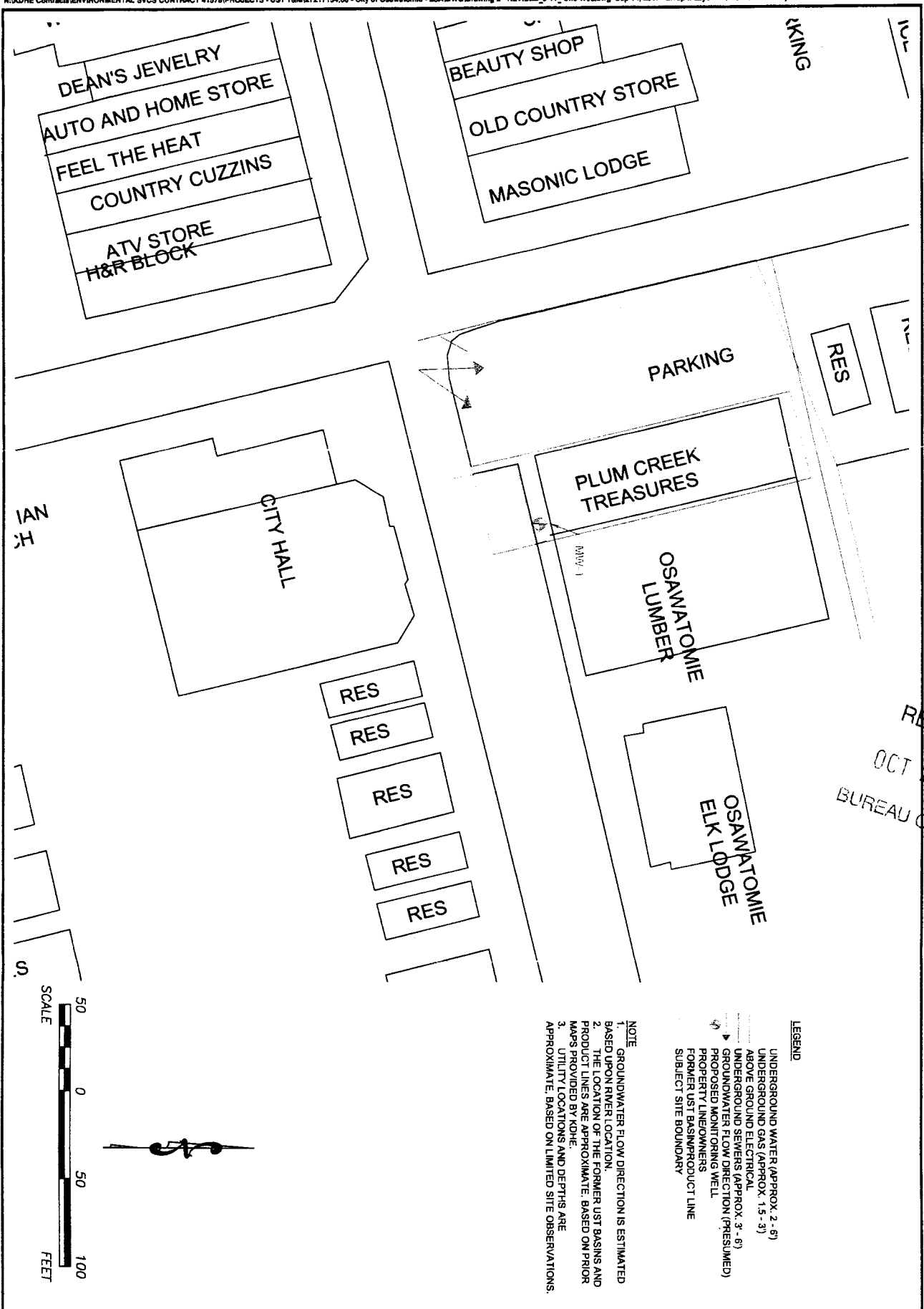
<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well

Other (Specify) .....

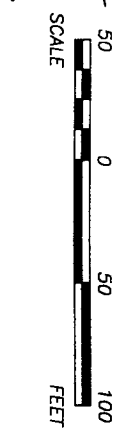
Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	.50	Concrete			
.50	1.0	Gravel			
1.0	2.50	Clay, Dk. Gravish, Brown, Moist, Soft			
2.50	5.0	Clay, Med. Stiff, Olive Brown, Moist, Stiff			
5.0	18.0	Fat Clay, Light Grayish Brown, Moist, Stiff			
Notes: <span style="float: right; font-size: 2em; font-family: cursive;">COPY from KOLAR</span>					

**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) 10/04/2017 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 606 This Water Well Record was completed on (mo-day-year) 10/25/2017 under the business name of Dakota Technologies Company, L.L.C.



RECEIVED  
 OCT 28 2017  
 BUREAU OF WATER



*[Handwritten signature]*

**NOTE**  
 1. GROUNDWATER FLOW DIRECTION IS ESTIMATED BASED UPON RIVER LOCATION.  
 2. THE LOCATION OF THE FORMER UST BASINS AND PRODUCT LINES ARE APPROXIMATE, BASED ON PRIOR MAPS PROVIDED BY KDHE.  
 3. UTILITY LOCATIONS AND DEPTHS ARE APPROXIMATE, BASED ON LIMITED SITE OBSERVATIONS.

**LEGEND**  
 UNDERGROUND WATER (APPROX. 2 - 5')  
 UNDERGROUND GAS (APPROX. 1.5 - 3')  
 ABOVE GROUND ELECTRICAL  
 UNDERGROUND SEWERS (APPROX. 3' - 6')  
 GROUNDWATER FLOW DIRECTION (PRESUMED)  
 PROPOSED MONITORING WELL  
 PROPERTY LINES/OWNERS  
 FORMER UST BASIN/PRODUCT LINE  
 SUBJECT SITE BOUNDARY

2 of 5 DRAWING NO.	DATE 9/14/17 CDMA FILE	<b>SCS ENGINEERS</b> 7311 W. 120th St., Ste. 100 Overland Park, Kansas 66210 PH: (913) 881-0500 FAX: (913) 881-0012		CLIENT <b>KDHE</b> CITY OF OSAWATOMIE OSAWATOMIE, KS KDHE Project No.: U4-061-14910	SHEET TITLE <b>FIGURE 1 - SITE BASE MAP</b>	REV. DATE	DR
		27217154.00 RCW			PROJECT TITLE <b>LIMITED SITE ASSESSMENT</b>	1 2 3 4 5	RCW SLM RCW