

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources: App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: <b>Pottawatomie</b>	Fraction <b>NW ¼ SW ¼ SE ¼</b>	Section Number <b>10</b>	Township Number <b>T 10 S R 12 E</b>	Range Number <b>12 E</b>
Distance and direction from nearest town or city street address of well if located within city? <b>114 E. Bertrand St. Mary's, KS</b>		<b>Global Positioning System</b> (decimal degrees, min. of 4 digits) Latitude: <b>N 39.19111°</b> Longitude: <b>W 96.06244°</b> Elevation: <b>RIM: 957.86 TOC: 957.56</b> Datum: <b>above mean sea level</b> Data Collection Method: <b>legal survey</b>		
<b>2 WATER WELL OWNER: Paul Zapp (St. Mary's Oil)</b> RR#, St. Address, Box # : <b>114 E. Bertrand</b> City, State, ZIP Code : <b>St. Mary's, KS 66536</b>				

<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>	<b>4 DEPTH OF COMPLETED WELL</b> <u>37</u> ft.
	Depth(s) Groundwater Encountered <u>1</u> ft. <u>2</u> ft. <u>3</u> ft. <b>MW7</b> WELL'S STATIC WATER LEVEL <u>26.8</u> ft. below land surface measured on mo/day/yr <u>6/26/08</u> Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) <b>10 Monitoring well</b> Was a chemical/bacteriological sample submitted to Department? Yes _____ No <b>X</b> ; If yes, mo/day/yr _____ Sample was submitted _____ Water Well Disinfected? Yes _____ No <b>X</b>

<b>5 TYPE OF CASING USED:</b>	5 Wrought Iron 8 Concrete tile 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) 2 PVC 4 ABS 7 Fiberglass	CASING JOINTS: Glued _____ Clamped _____ Welded _____ Threaded <b>X</b>
Blank casing diameter <u>2</u> in. to <u>22</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.	Casing height below land surface <u>0.30</u> ft., Weight _____ lbs./ft. Wall thickness or gauge No. _____	
TYPE OF SCREEN OR PERFORATION MATERIAL:		
1 Steel 3 Stainless steel 5 Fiberglass <b>7 PVC</b> 9 ABS 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)		
SCREEN OR PERFORATION OPENINGS ARE:		
1 Continuous slot <b>3 Mill slot</b> 5 Gauze wrapped 7 Torch cut 9 Drilled holes 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify)		
SCREEN-PERFORATED INTERVALS: From <u>22</u> ft. to <u>37</u> ft. From _____ ft. to _____ ft.		
GRAVEL PACK INTERVALS: From <u>21</u> ft. to <u>37</u> ft. From _____ ft. to _____ ft.		

<b>6 GROUT MATERIAL:</b>	1 Neat cement 2 Cement grout <b>3 Bentonite</b> <b>4 Other Concrete: 0-2 ft.</b> Grout Intervals From <u>2</u> ft. to <u>21</u> ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.	
What is the nearest source of possible contamination:		
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below) 2 Sewer lines 5 Cess pool 8 Sewage lagoon <b>11 Fuel storage</b> 14 Abandoned water well 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/ gas well		
Direction from well? <b>E</b> How many feet? <b>~50</b>		

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	1	Grass, Clay, brown, with limestone gravel fill, slightly moist, no odor	28	37	Coarse sand, brown, poorly sorted, wet
3	5	Clay, brown, some silt, Fe oxide veining, moderate plasticity, moist, no odor			
8	10	Clay with silt, brown, moderate plasticity, moist, no odor			
13	15	Silty clay, brown, some very fine sand, moist, no odor			
18	25	Fine sand, brown, moderately sorted, moist, no odor			Flushmount waiver from BOW

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was **1** constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 6/26/08 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 757. This Water Well Record was completed on (mo/day/year) 7/8/08 under the business name of Larsen & Associates, Inc. by (signature) \_\_\_\_\_

**INSTRUCTIONS:** Please fill in blanks or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell>.

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NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.

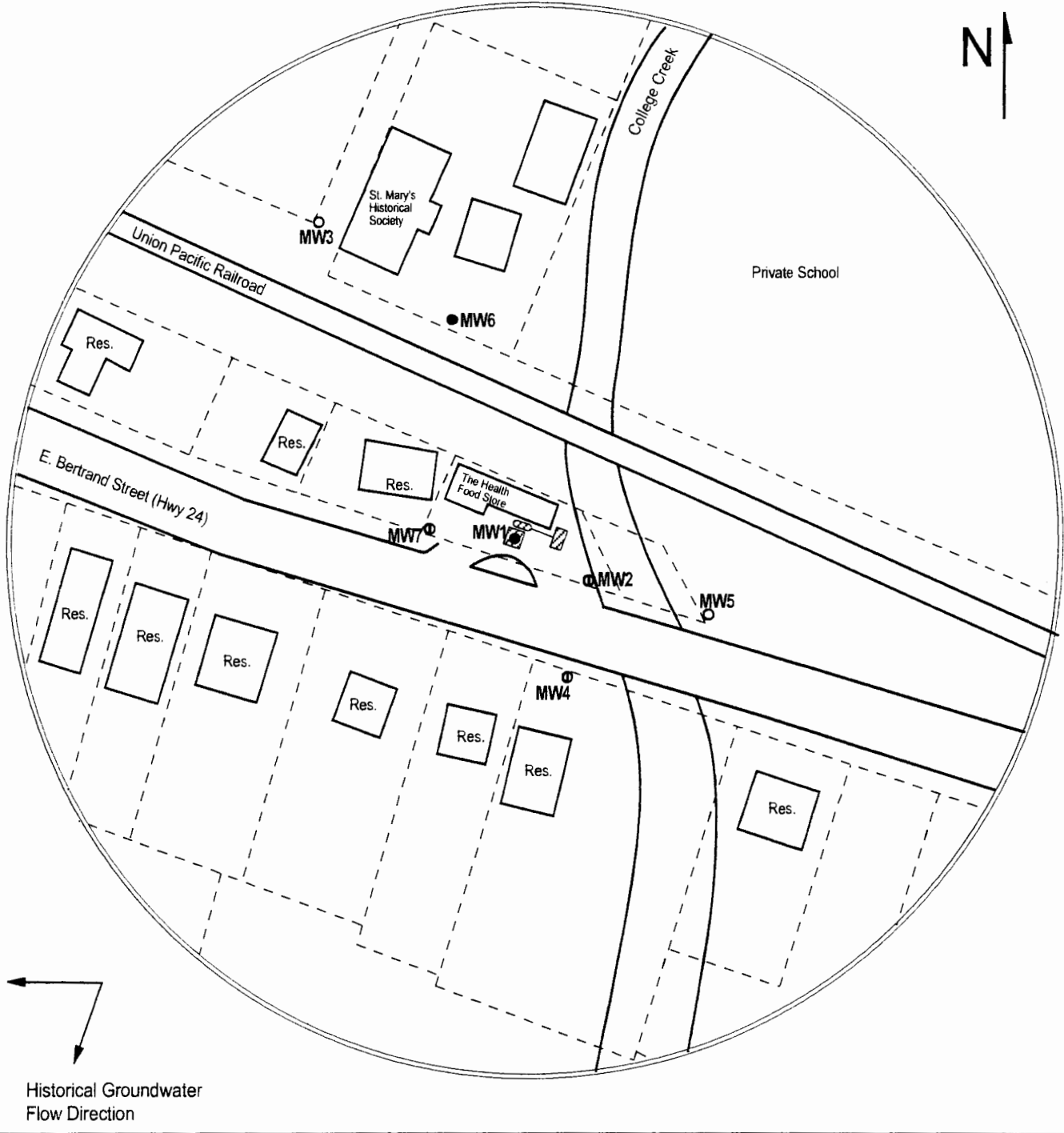







FIGURE 1 - 350' RADIUS AREA BASE MAP

**LEGEND:**

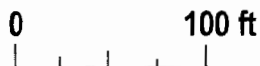
-  Approximate Location of Former UST Basin, Pump Island, and Product Lines
-  Approximate Location of Property Lines
-  Monitoring Well
-  Destroyed Monitoring Well
-  Plugged Monitoring Well

NOTE: Benchmark location not available. Measurements from MW1 used to plot well locations.



**PROJECT:**

St. Mary's Oil  
 114 E Bertrand  
 St. Mary's, KS  
 KDHE ID: U4-075-10765  
 Date: 5/14/14



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