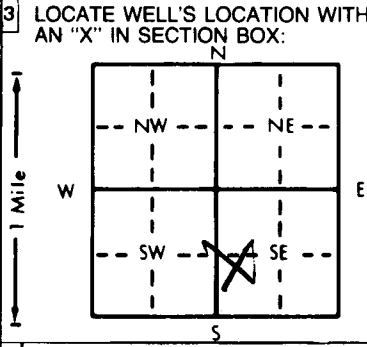


1 LOCATION OF WATER WELL: County: Pottawatomie Fraction: NW 1/4 SW 1/4 SE 1/4 Section Number: 10 Township Number: T 10 S Range Number: R 12 E

Distance and direction from nearest town or city street address of well if located within city?  
114 E. Bertrand

2 WATER WELL OWNER: Paul Zapp MW2  
 RR#, St. Address, Box #: 114 E. Bertrand Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: St Mary KS 66536 Application Number:



4 DEPTH OF COMPLETED WELL: 38 ft. ELEVATION:  
 Depth(s) Groundwater Encountered: 1. ~30 ft. 2. ... ft. 3. ... ft.  
 WELL'S STATIC WATER LEVEL: ... ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was ... ft. after ... hours pumping ... gpm  
 Est. Yield ... gpm: Well water was ... ft. after ... hours pumping ... gpm  
 Bore Hole Diameter: ... in. to ... ft., and ... in. to ... ft.  
 WELL WATER TO BE USED AS:  
 5 Public water supply 8 Air conditioning 11 Injection well  
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well  
 Was a chemical/bacteriological sample submitted to Department? Yes No; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes No

5 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ... Clamped ...  
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 Blank casing diameter: 2 in. to 23 ft. Dia. 23 in. to ... ft. Dia. 23 in. to ... ft.  
 Casing height above land surface: 0 in. weight ... lbs./ft. Wall thickness or gauge No. ...  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes  
 7 Torch cut 10 Other (specify) ...  
 SCREEN-PERFORATED INTERVALS: From 23 ft. to 38 ft. From ... ft. to ... ft.  
 GRAVEL PACK INTERVALS: From 22 ft. to 38 ft. From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other ...  
 Grout Intervals: From 0 ft. to 19 ft. From 19 ft. to 21 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 14 Abandoned water well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) ASTS  
 Direction from well? N-NW How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Topsoil			
5	7	Silt, Fine Sand, Brn			
10	12	Silt, minor clay, DK Brn			
15	17	Silt, minor clay, iron stringers, DK Brn			
20	22	Silt, clay, fine sand, thin sand stringers, DK Brn			
25	27	Clay, silt, fine sand stringers, DK Brn, gray			
30	32	Silt, clay, 7-m sand lenses, DK Brn & gray			

Flushmount Well Waiver  
by D. Taylor

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) 3/10/97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 483 This Water Well Record was completed on (mo/day/yr) 3/15/97 under the business name of TEST by (signature) Bob Robinson by LL

~~Keis Copy~~

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.

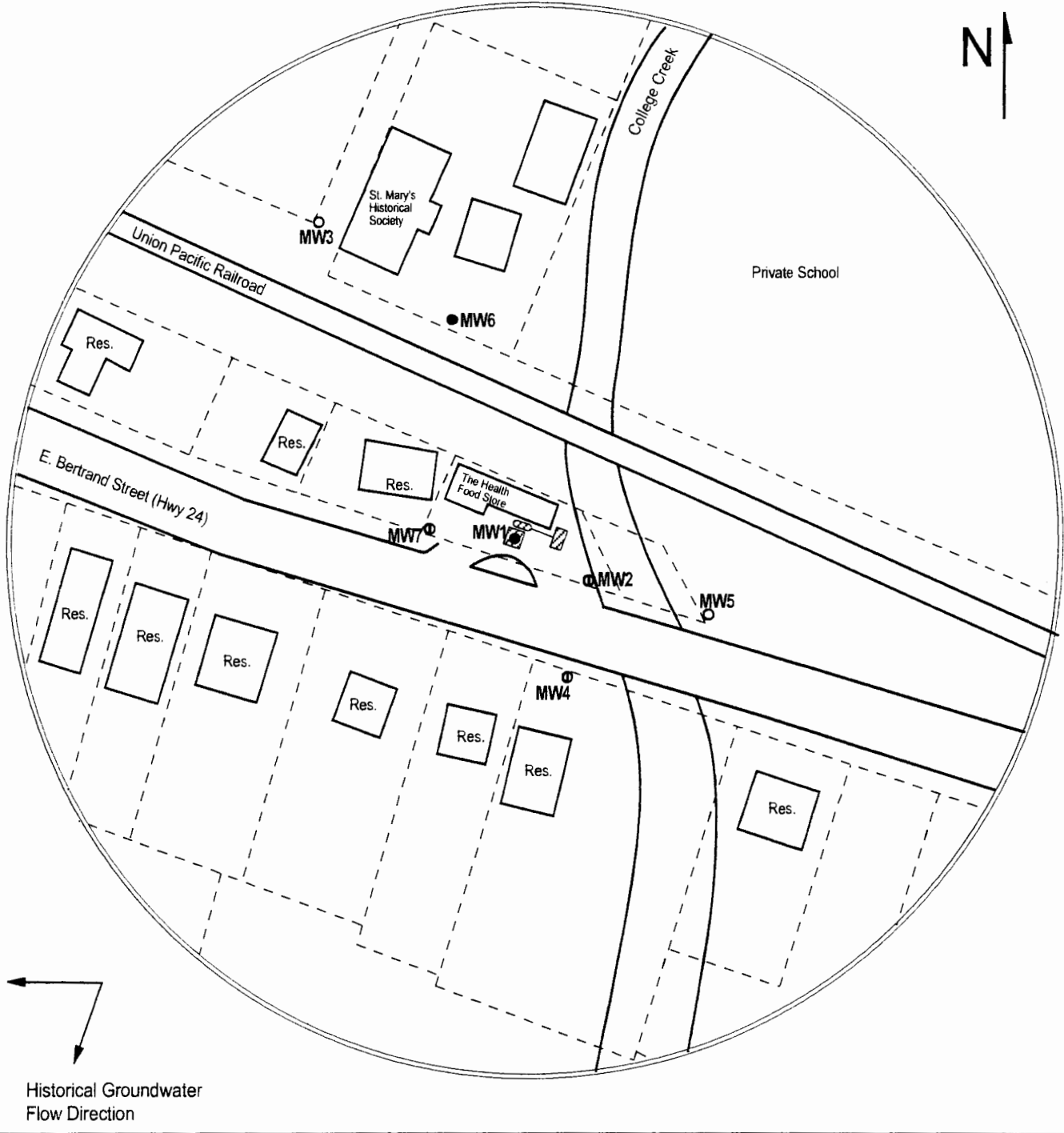







FIGURE 1 - 350' RADIUS AREA BASE MAP

**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



1311 E 25th St., Suite B (785) 841-8707 office  
 Lawrence, KS 66046 (785) 865-4282 fax