

mw-4

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Lincoln</u>	Fraction <u>1/4 SW 1/4 SE 1/4 SE 1/4</u>	Section Number <u>11</u>	Township No. <u>T 12 S</u>	Range Number <u>R 10</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here   
308 West Old Hwy 18  
Sylvan Grove, KS 67481

Global Positioning System (GPS) information:  
Latitude: N 39.00000000 (in decimal degrees)  
Longitude: W 98.39751 (in decimal degrees)  
Elevation: 1446  
Datum:  WGS 84,  NAD 83,  NAD 27  
Collection Method:  
 GPS unit (Make/Model: Garmin Nuvi)  
 Digital Map/Photo,  Topographic Map,  Land Survey  
Est. Accuracy:  <3 m,  3-5 m,  5-15 m,  >15 m

2 WATER WELL OWNER: USA  
RR#, Street Address, Box #: Att. Mr. Steve C. Imho (202-72-1400)  
City, State, ZIP Code: Stop 0513 Room 4714-S 5104  
1400 Independence Ave  
Washington DC 20250-0513

3 LOCATE WELL WITH AN "X" IN SECTION BOX:  
N

--NW--		--NE--	
--SW--		--SE--	
			X

S  
|-----1 mile-----|

4 DEPTH OF COMPLETED WELL 42 ft.  
Depth(s) Groundwater Encountered (1) 39 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 6 in. to 45 ft., and..... in. to..... ft.  
WELL WATER TO BE USED AS:  Public water supply  Geothermal  Injection well  
 Domestic  Feedlot  Oil field water supply  Dewatering  Other (Specify below)  
 Irrigation  Industrial  Domestic-lawn & garden  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 CASING USED:  Steel  PVC  Other.....  
CASING JOINTS:  Glued  Clamped  Welded  Threaded  
Casing diameter 2 in. to 37 ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.  
Casing height above land surface 0 in., Weight..... lbs./ft., Wall thickness or gauge No. ....  
TYPE OF SCREEN OR PERFORATION MATERIAL:  
 Steel  Stainless Steel  PVC  Other (Specify).....  
 Brass  Galvanized Steel  None used (open hole)  
SCREEN OR PERFORATION OPENINGS ARE:  
 Continuous slot  Mill slot  Gauze wrapped  Torch cut  Drilled holes  None (open hole)  
 Louvered shutter  Key punched  Wire wrapped  Saw cut  Other (specify).....  
SCREEN-PERFORATED INTERVALS: From 37 ft. to 42 ft., From..... ft. to..... ft.  
From..... ft. to..... ft., From..... ft. to..... ft.  
GRAVEL PACK INTERVALS: From 35 ft. to 45 ft., From..... ft. to..... ft.  
From..... ft. to..... ft., From..... ft. to..... ft.

6 GROUT MATERIAL:  Neat cement  Cement grout  Bentonite  Other.....  
Grout Intervals: From 1 ft. to 35 ft., From..... ft. to..... ft., From..... ft. to..... ft.  
What is the nearest source of possible contamination:  
 Septic tank  Lateral lines  Pit privy  Livestock pens  Insecticide storage  Other (specify below)  
 Sewer lines  Cesspool  Sewage lagoon  Fuel storage  Abandoned water well  
 Watertight sewer lines  Seepage pit  Feedyard  Fertilizer storage  Oil well/gas well  
Direction from well..... Distance from well.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	13	Blue clay			
13	39	White & Red Fine silty sand with clay seams			
39	45	Red & white medium silty sand			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo/day/year) 7-11-13 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 597. This Water Well Record was completed on (mo/day/year) 7-12-13 under the business name of Bart Langreer by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

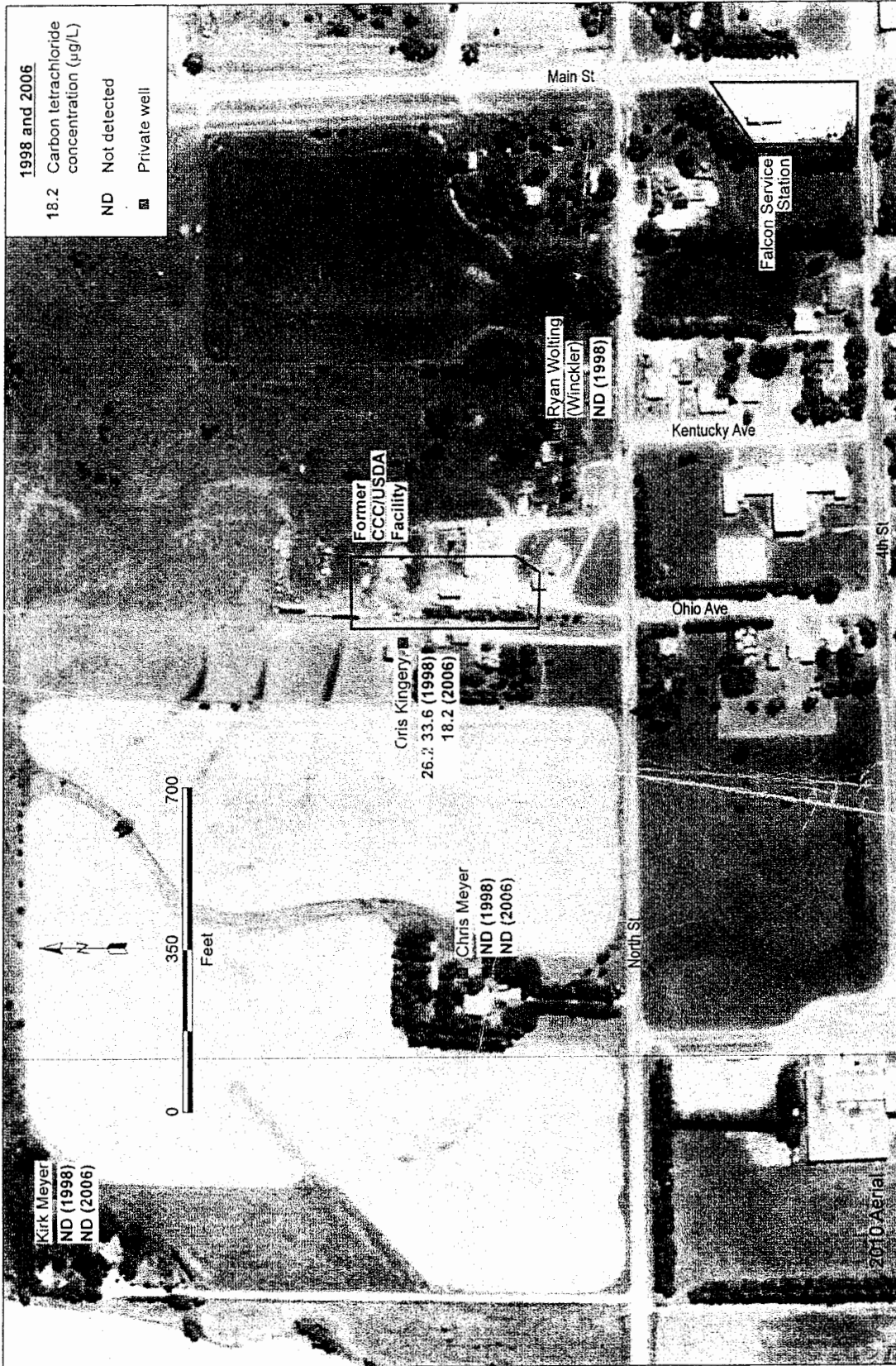


FIGURE 2.2 Historical analytical results for carbon tetrachloride in groundwater samples collected by the KDHE in 1998-2006 from four private wells near the former CCC/USDA facility. Source of photograph: NAIP (2010).

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