

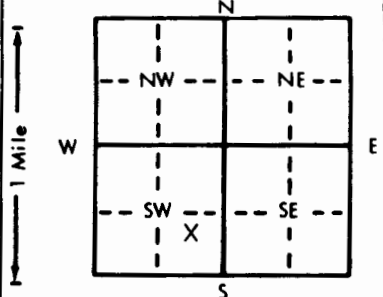
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL MW09  
 County: Wyandotte Fraction SE 1/4 SW 1/4 SW 1/4 Section Number 4 Township Number T 11 S Range Number R 24 EW

Distance and direction from nearest town or city street address of well if located within city?  
 7611 State Ave. Kansas City, KS

2 WATER WELL OWNER: Total Petroleum  
 RR#, St. Address, Box #: 999 18th Street Suite 2201 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Denver, CO 80202 Application Number: n/a

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 25.17 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL: Dry. ft. below land surface measured on mo/day/yr 12/6/91  
 Pump test data: Well water was n/a ft. after hours pumping gpm  
 Est. Yield n/a gpm Well water was ft. after hours pumping gpm  
 Bore Hole Diameter 7.75 in. to 25.17 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 X; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No X

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  
 7 Fiberglass Threaded

Blank casing diameter 2.0 in. to 15.57 ft., Dia. in. to ft., Dia. in. to ft.  
 Casing height above land surface 5.0 in., weight n/a lbs./ft. Wall thickness or gauge No. 40 guage

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)  
 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot .010 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 15.57 ft. to 24.97 ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From 12.50 ft. to 25.17 ft., From ft. to ft.  
 Bentonite interval From 8.50 ft. to 12.50 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout Intervals: From 0.0 ft. to 8.5 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: n/a  
 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)  
 13 Insecticide storage

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	4"	Asphalt			
4"	4'	Silty clay, red brown, low plasticity, stiff, slight moist, with vertical fractures (fill)			
4'	6'	Gravelly clay, gray, low plasticity, soft, dry, w/vertical fractures (fill)			
6'	10'	Silty clay, brown, low plasticity, some gravel, w/vertical fractures (fill)			
10'	14'	Silty clay, red brown, low plasticity, stiff, sl. moist, w/vertical fractures (fill)			
14'	14.5'	Silty clay, green shading to black, low plasticity, stiff (fill)			
14.5'	21'	Silty clay, black, low plasticity, stiff, moist, w/plant material & fractures (topsoil)			
21'	25.17	Silty clay, brown, low plasticity, slightly stiff, w/fractures and root vessicles (All)			

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) 12/6/91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 468 This Water Well Record was completed on (mo/day/yr) 12/10/91 under the business name of J S R Drilling Services, Inc/ by (signature) Ray Coons

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.