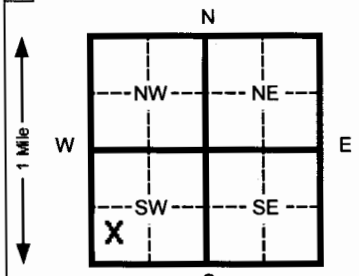
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. MW-9

1 LOCATION OF WATER WELL: County: Shawnee | Fraction: SW ¼ SW ¼ SW ¼ | Section Number: 11 | Township Number: T 12 S | Range Number: R 15 (E)W

Distance and direction from nearest town or city street address of well if located within city?
2808 Gage Boulevard, Topeka, Kansas

2 WATER WELL OWNER: Pemcor Refining Group
RR#, St. Address, Box # : 8182 Maryland Street, Suite 600
City, State, ZIP Code : St. Louis, Missouri 63105-3721
Board of Agriculture, Division of Water Resources Application Number:

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



4 DEPTH OF COMPLETED WELL 20.0 ft. ELEVATION:
Depth(s) Groundwater Encountered 1 10.0 ft. 2 ft. 3 ft.
WELL'S STATIC WATER LEVEL 7.28 ft. below land surface measured on mo/day/yr 12/08/06
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield NA gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 8.5 in. to 20.0 ft. and in. to ft.
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 Lawn and garden (domestic) (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) (2) PVC 4 ABS 5 Wrought Iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued Clamped Welded Threaded X
Blank casing diameter 2.375 in. to 5.0 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface Flush Mount in., weight lbs./ft. Wall thickness or gauge No. Schedule 40
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile (7) PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter (3) Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
SCREEN-PERFORATED INTERVALS: From 20.0 ft. to 5.0 ft. From ft. to ft.
From ft. to ft. From ft. to ft.
GRAVEL PACK INTERVALS: From 20.0 ft. to 3.0 ft. From ft. to ft.
From ft. to 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 1.0 ft. From 1.0 ft. to 3.0 ft. From ft. to ft.
What is the nearest source of possible contamination:
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens (11) Fuel storage (former) 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/ Gas well 16 Other (specify below)
Direction from well? South How many feet? 180

FROM	TO	CODE	LITHOLOGIC LOG
0.0	0.5		Topsoil
0.5	7.0		Brown very silty clay, laminated, firm, moist
7.0	9.0		Red brown very silty clay, firm, moist
9.0	17.0		Red brown very silty clay, firm-plastic, moist-very moist
17.0	20.0		Red brown very silty clay, plastic, very moist, discolored gray-dark gray, trace hydrocarbon odor
			Flush-mount well completion waiver existent for site.

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/yr) 12/06/06 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 692 This Water Well Record was completed on (mo/day/yr) 12/12/06 under the business name of Quad State Services, Inc. by (signature)

INSTRUCTIONS:. Please fill in blanks and circle the correct answers. Send three copies to Kansas Department of Health and Environment, Bureau of Water, 1000 S W Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R SEC

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