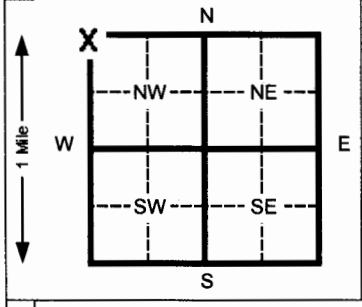
WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No. MW-9R

1 LOCATION OF WATER WELL: County: Shawnee | Fraction: NW ¼ NW ¼ NW ¼ | Section Number: 36 | Township Number: T 11 S | Range Number: R 15 (E)W

Distance and direction from nearest town or city street address of well if located within city?
2501 W. 6th Street, 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 10.21 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

OFFICE USE ONLY

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought Iron 8 Concrete tile 9 Other (specify below)
(2) PVC 4 ABS 6 Asbestos-Cement 7 Fiberglass
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: (7) PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot (3) Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
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.

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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 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
Direction from well? Northwest How many feet? 105

| FROM | TO | CODE | LITHOLOGIC LOG |
|---|---|---|---|
| 0.0 | 0.5 | | Topsoil |
| 0.5 | 6.0 | | Brown very silty clay, trace gravel, laminated, firm, moist |
| 6.0 | 12.0 | | Gray brown very silty clay, firm, moist |
| 12.0 | 15.0 | | Gray brown very silty clay, firm-plastic, moist-very moist, discolored gray-blue, strong hydrocarbon odor |
| 15.0 | 20.0 | | Gray brown very silty clay, firm-plastic, moist-very moist, discolored dark gray-blue, very strong hydrocarbon odor |
| | | | Flush-mount well completion waiver existent for site. |

SEC

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.

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