MW #5

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

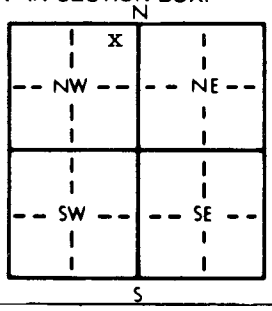
1 LOCATION OF WATER WELL: County: Wyandotte | Fraction: NC ¼ NW ¼ NW ¼ | Section Number: 4 | Township Number: T 11 S | Range Number: R 24 E/W

Distance and direction from nearest town or city street address of well if located within city?
7705 Paralle Avenue, Kansas City, Kansas

2 WATER WELL OWNER: Amoco Oil Company
RR#, St. Address, Box # : 8700 Indian Creek Parkway
City, State, ZIP Code : Overland Park, Kansas

Board of Agriculture, Division of Water Resources
Application Number:

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



4 DEPTH OF COMPLETED WELL 17.0 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 14.0 ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 4.95 ft. below land surface measured on mo/day/yr 3/2/90
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 7 in. to 18.2 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
2 PVC 4 ABS 7 Fiberglass Threaded X
Blank casing diameter 2 in. to 7.5 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface -0.41 ft in, weight lbs./ft. Wall thickness or gauge No. SCH 40 PVC

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 7.5 ft. to 16.0 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 6.5 ft. to 17.0 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 ft. to 4.5 ft., From 4.5 ft. to 6.5 ft., From 17 ft. to 18.2 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? West How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1.5'	Fill, 1.5 concrete over brown gravelly lean clay	11.5	18.2	Shale, green and orange, weathered moist, firm to very firm
1.5	9.5'	Lean Clay, brown with gray mottles moist, soft (loess) at 2.3', becoming green-brown with black mottles, petroleum hydrocarbon odor, very soft to soft at 5.0' becomes light green-brown, moist to wet, very strong odor at 7.5'			becoming maroon and gray mottled, dry becoming olive green, dry to moist crumbly to firm
9.5	11.5	Fat clay, dark brown and gray, with trace sand, moist, firm, odor (glacial till) becoming gray and orange, trace pebbles, very firm			

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) 2/27/90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 3/7/90 under the business name of Terracon Consultants by (signature) W. Semlay

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 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY I II E/W SEC. ¼ ¼ ¼