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BUREAU OF ENVIRONMENTAL REMEDIATION

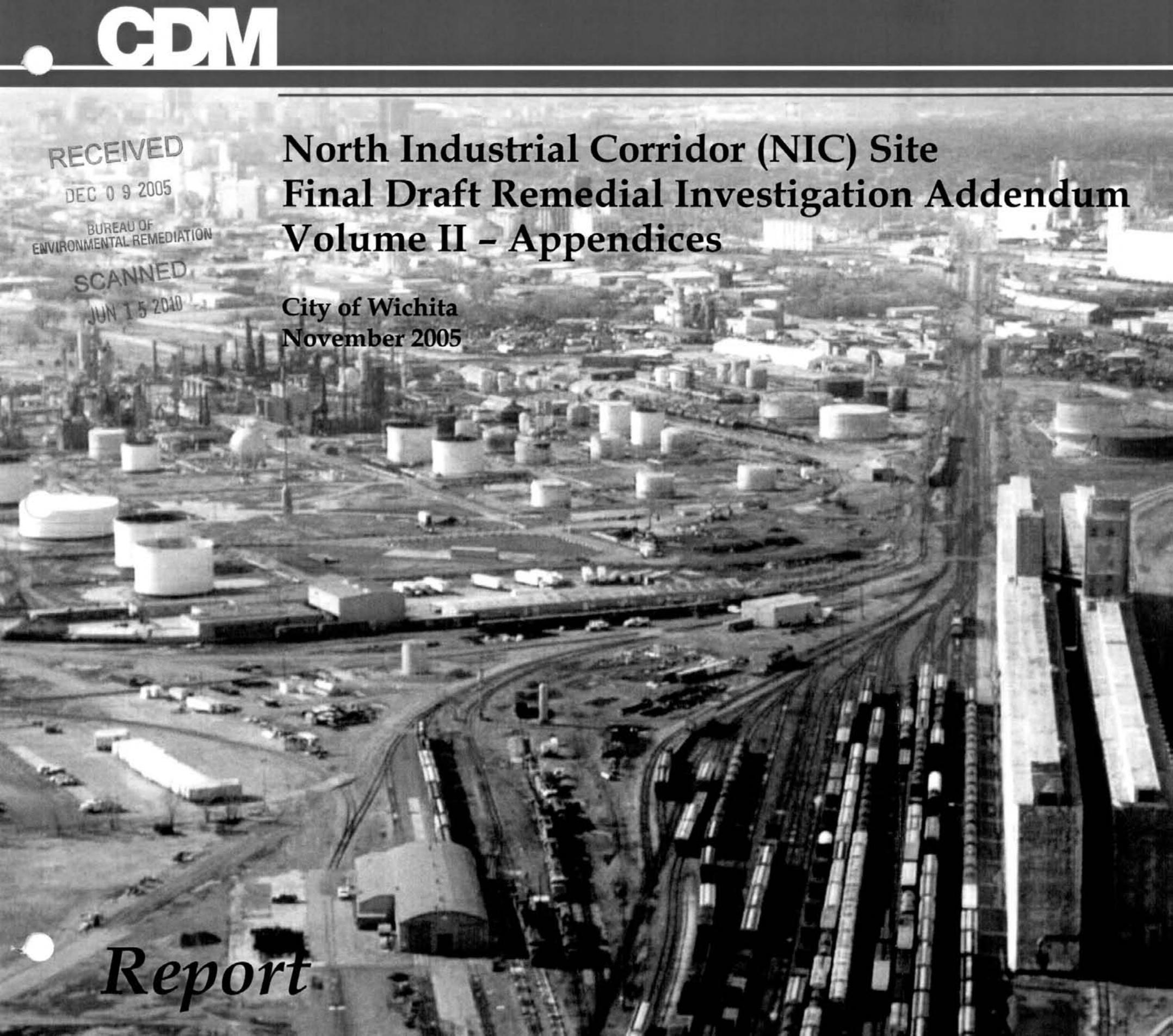
SCANNED

JUN 15 2010

North Industrial Corridor (NIC) Site Final Draft Remedial Investigation Addendum Volume II - Appendices

City of Wichita
November 2005

Report



Appendix A
WWC5 Water Well Record Forms for New
Water Level Wells

ENVIRONMENTAL PRIORITY
SERVICE, INC.

7193 E. Benfield Rd., Salina, Kansas 67401
Office: (785) 823-6205 Fax: (785) 823-6412

August 17, 2004

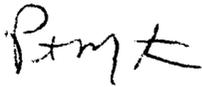
Erin Blume
Camp Dresser & McKee, Inc.
9330 E. Central, Suite 400
Wichita, Ks. 67206

RE: Copies of WWC-5 forms for NIC & Brooks Landfill

Erin,

Enclosed are copies of the WWC-5 forms for the sites in Wichita. I've also sent copies to the State for their files. If you should have any questions concerning these forms, please feel free to call me at your earliest convenience. Thank you.

Respectfully Submitted,
Environmental Priority Service, Inc.



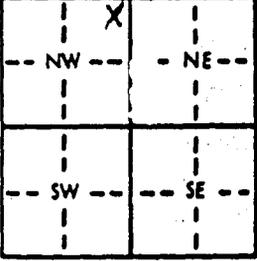
Patrick G. Martin
President, C.P.G.

NWL-273

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

1] LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NW 1/4 Section Number 16 Township Number T 27 S Range Number R 1 E/W
 County: Sodawick
 Distance and direction from nearest town or city street address of well if located within city?
15' N of 13th St 15 W of Mosley St.

2] WATER WELL OWNER: City of Wichita Board of Agriculture, Division of Water Resources
 St. Address, Box #: Wichita, KS 67206 Application Number:
 City, State, ZIP Code:

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

 4] DEPTH OF COMPLETED WELL: 20.5 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 13.65 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 2.25 in. to 2.05 in. 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 8 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 2 PVC 2 3 RMP (SR) 4 ABS 5 Wrought Iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued Clamped Welded Threaded
 Blank casing diameter in. to 10.5 in. Dia. in. to ft. Dia. in. to ft. Dia. in. to ft.
 Casing height above land surface Flush in. weight lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 7 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 3 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 7 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
 SCREEN-PERFORATED INTERVALS: From 10.5 ft. to ft. From ft. to ft. From ft. to ft. From ft. to ft.
 GRAVEL PACK INTERVALS: From 8 ft. to 10.5 ft. From ft. to ft. From ft. to ft. From ft. to ft.

6] GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 3 4 Other
 Grout Intervals: From 1 ft. to 8 ft. From ft. to ft. From ft. to 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 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well?		LITHOLOGIC LOG		PLUGGING INTERVALS	
FROM	TO	FROM	TO	FROM	TO
0	1				
1	7	TOPSOIL			
7	8	SILT SAND			
8	20.5				

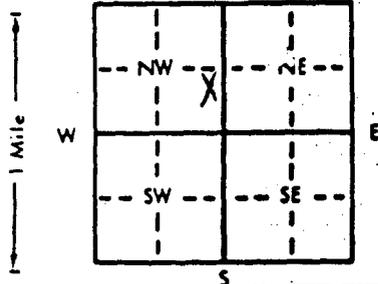
7] FACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) JUNE 14, 2004 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 This Water Well Record was completed on (mo/day/yr) AUG. 13, 2004 under the business name of Environmental Priority, Inc by (signature) [Signature]

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.

1 LOCATION OF WATER WELL: Frac^{tion} NE 1/4 SE 1/4 NW 1/4 Section Number 16 Township Number T 27 S Range Number R 1 E
 County: Sedgwick
 Distance and direction from nearest town or city street address of well if located within city?
 SW corner of 11th and Mosley St, 15' W of Mosley on 11th St

2 WATER WELL OWNER: City of Wichita
 St. Address, Box #: Wichita, KS 67206
 State, ZIP Code: 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: 20.5 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 13.50 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: 2.5 in. to 20.5 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
 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 X

Blank casing diameter: 1 in. to 10.5 ft., Dia. ... in. to ... ft., Dia. ... in. to ... ft.
 Casing height above land surface: Flush in., weight ... lbs./ft. Wall thickness or gauge No. ...

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

SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 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 10.5 ft. to 20.5 ft., From ... ft. to ... ft.
 GRAVEL PACK INTERVALS: From 8.5 ft. to 10.5 ft., From ... ft. to ... ft.

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

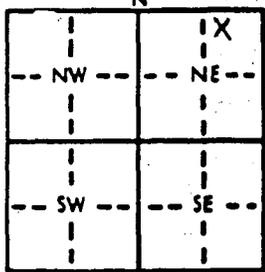
Direction from well?		LITHOLOGIC LOG	How many feet?		PLUGGING INTERVALS
FROM	TO		FROM	TO	
0'	1'	Topsoil			
1'	6'	Silt			
6'	20.5'	SANDS			

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) June 14, 2001 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 This Water Well Record was completed on (mo/day/year) Aug 13, 2004 under the business name of Environmental Priority SW, Inc by (signature) [Signature]

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

1] LOCATION OF WATER WELL: Fraction NW 1/4 NE 1/4 N6 1/4 Section Number 16 Township Number T 27 S Range Number R 1 SW
 County: Sedgwick
 Distance and direction from nearest town or city street address of well if located within city?
260' E of Masley St. 10' N of 12th St N

2] WATER WELL OWNER: City of Wichita Board of Agriculture, Division of Water Resources
 Rt. Address, Box #: Wichita, KS 67206 Application Number:
 City, State, ZIP Code

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

 4] DEPTH OF COMPLETED WELL: 20 ft. ELEVATION:
 Depth(s) Groundwater Encountered 12.46 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 12.46 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: 3.25 in. to 20 in. and _____ in. to _____ in.
 WELL WATER TO BE USED AS:
 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 X
 Blank casing diameter _____ in. to _____ in. Dia. _____ in. to _____ in. Dia. _____ in. to _____ in. Dia.
 Casing height above land surface Flush in., weight _____ lbs./ft. Wall thickness or gauge No. _____
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 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 _____ ft. to _____ ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From _____ ft. to _____ ft. From _____ ft. to _____ ft.

6] GROUT MATERIAL: 1 Neat cement 8 2 Cement grout 3 Bentonite 4 Other _____
 Grout intervals: From _____ ft. to _____ 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?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0'	1'	TOPSOIL			
1'	7'	SILT			
7'	20'	SAND			

7] TRACTOR'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) June 14, 2004 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 6607 This Water Well Record was completed on (mo/day/yr) Aug. 13, 2004 under the business name of Environmental Priority Sol, Inc by (signature) [Signature]

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.

