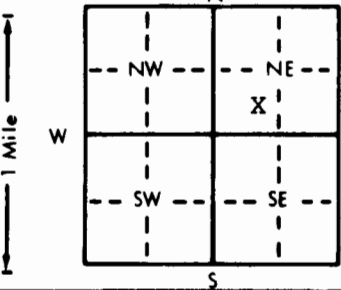


1 LOCATION OF WATER WELL:		Fraction	Section Number		Township Number		Range Number	
County: McPherson		SE 1/4 SW 1/4 NE 1/4	5		T 20 S		R 3	
Distance and direction from nearest town or city street address of well if located within city? Approximately 1/2 mile South of McPherson.								
2 WATER WELL OWNER: NCRA REFINERY								
RR#, St. Address, Box # : P. O. Box 1167, 2000 S. Main								
City, State, ZIP Code : McPherson, Ks. 67460								
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: 95 ft. ELEVATION: 1397					
			Depth(s) Groundwater Encountered 1. 81.09 ft. 2. ft. 3. ft.					
			WELL'S STATIC WATER LEVEL 81.09 ft. below land surface measured on mo/day/yr 9/9/87					
			Pump test data: Well water was N/A ft. after hours pumping gpm					
			Est. Yield gpm: Well water was ft. after hours pumping gpm					
			Bore Hole Diameter 5.5/8" in. to 1.00 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 Observation well								
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted								
Water Well Disinfected? Yes X No								
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 2 in. to 6.5 ft. Dia in. to ft. Dia in. to ft.								
Casing height above land surface 24 in., weight lbs./ft. Wall thickness or gauge No. SCH 40								
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 65 ft. to 95 ft. From ft. to ft.								
From ft. to ft. From ft. to ft.								
GRAVEL PACK INTERVALS: From 60 ft. to 100 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 Formation clay & silt								
Grout intervals: From 0 ft. to 20 ft. From 20 ft. to 50 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? Inside Refinery area. How many feet?								
FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG								
0 27 Clay								
27 36 Clay/Silt								
36 50 Silt								
50 68 Clay								
68 80 Silt/Clay								
80 84 Sand								
84 95 Sand/Clay								
95 100 Clay								
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) 8/30/88 and this record is true to the best of my knowledge and belief. Kansas								
Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) 9/13/88								
under the business name of Henkle Drilling & Supply Company, Inc. by (signature) Bruce J. Richman								
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 Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.								