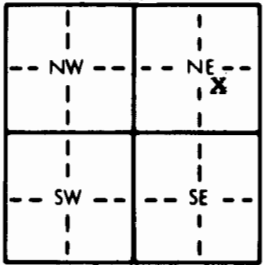


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>McPherson</u>		NW 1/4 SE 1/4 NE 1/4	5	T 20 S	R 3 EW
Distance and direction from nearest town or city street address of well if located within city? <u>Approximately 1/2 mile South of McPherson.</u>					
2 WATER WELL OWNER: <u>NCRA Refinery</u>					
RR#, St. Address, Box # : <u>P. O. Box 1167, 2000 S. Main</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <u>McPherson, Ks. 67460</u>			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL. <u>98</u> ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. <u>88.33</u> ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL <u>88.33</u> ft. below land surface measured on mo/day/yr <u>9/1/88</u>			
		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 <u>5.5/8"</u> in. to <u>20</u> ft., and <u>5</u> in. to <u>174</u> 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 <u>X</u>; If yes, mo/day/yr sample was submitted			
		Water Well Disinfected? Yes <u>X</u> 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 <u>X</u>
Blank casing diameter <u>2</u> in. to <u>98</u> ft., Dia in. to ft., Dia in. to ft.					
Casing height above land surface <u>24</u> in., weight lbs./ft. Wall thickness or gauge No. <u>SCH 40</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless steel	5 Fiberglass	7 PVC	10 Asbestos-cement
2 Brass		4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify)
				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 <u>78</u> ft. to <u>98</u> ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From <u>30</u> ft. to <u>174</u> ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <u>0</u> ft. to ft., From <u>30</u> 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? Well is in a refinery How many feet?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	10	Clay, brown	106	111	Clay, gray, w/sand streaks.
10	20	Silty, clay, tan	111	114	Sand, tan, very fine, w/some clay
20	55	Silty sand, tan, very fine	114	116	Silty sand, tan, very fine, trace clay
55	60	Silty sand, tan fine to coarse.	116	139	Sand, tan, fine to coarse
60	70	Sand, light brown, fine to coarse.	139	140	Silty sand, fine, trace clay
70	75	Clay sand, light brown, med. to C.	140	154	Sand, tan, fine to coarse.
75	80	Clay, gray w/sand streaks.	154	164	Sand, tan, med. to coarse.
80	83	Sand, gray fine to coarse	164	168	Sand, tan, med. to sm. gravel
83	87	Sand w/silt, gray fine to coarse	168	170	Sand & gravel w/clay, tan
87	92	Sand, gray, med. to coarse	170	171	Clay gravel, tan
92	95	Sand, tan, med to very coarse.	171	173	Clay, green
95	96	Gravel/clay, tan, yellow clay.	173	174	Shale, blue
96	100	Clay, yellow & gray w/gravel & sand			
100	102	Clay, gray trace gravel & sand.			
102	106	Silty sand, gray very fine w/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) <u>8/31/88</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>145</u> This Water Well Record was completed on (mo/day/yr) <u>9/13/88</u> under the business name of <u>Henkle Drilling & Supply Company, Inc.</u> by (signature) <u>Bruce J. Reichardt</u>					
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.					