

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: McPherson		NW 1/4 NE 1/4 NE 1/4	5	T 20 S	R 3 E
Distance and direction from nearest town or city street address of well if located within city? 1/2 mile south of McPherson					
2 WATER WELL OWNER: NCRA Refinery					
RR#, St. Address, Box # : Box 1167, 2000 S. Main			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : McPherson, KS 67460			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 127 ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 86 ft. below land surface measured on mo/day/yr 7-29-87			
		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 18 1/2 in. to 127 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 Oil Recovery			
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 X
			7 Fiberglass		Threaded.
Blank casing diameter .. 12 3/4" in. to 127 ft., Dia. in. to ft., Dia. in. to ft.					
Casing height above land surface 12 in., weight 49.56 lbs./ft. Wall thickness or gauge No. 375					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
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:					
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. 82 ft. to 122 ft., From ft. to ft.					
From. ft. to ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From. 70 ft. to 127 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 70 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? All around well			How many feet? Immediate Area		
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Top Soil			
3	20	Brown sandy clay			
20	40	Brown clay, sticky; few sand stks.			
40	60	Brown sandy clay, few sand stks.			
60	65	Blue clay, few sand stks.			
65	75	Sand, very fine; few clay stks.			
75	90	Sand, fine to medium, few white rock			
90	95	Brown sandy clay			
95	110	Sand, fine to medium, very few clay stks.			
110	115	Brown clay			
115	125	Sand, fine to medium, few clay stks.			
125	127	Brown sandy 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) 7-29-87 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) 12-14-87					
under the business name of Henkle Drilling & Supply Co., Inc. by (signature) <i>Bruce Reichmuth</i>					
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.					