

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>McPherson</u>		<u>NW</u> $\frac{1}{4}$ <u>NE</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$	<u>5</u>	<u>T 20 S</u>	<u>R 3 E</u>
Distance and direction from nearest town or city street address of well if located within city? <u>1/2 mile south of McPherson</u>					
2 WATER WELL OWNER: <u>NCRA Refinery</u>					
RR#, St. Address, Box # : <u>PO 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>158</u> ft. ELEVATION: <u>1334</u>			
 1 Mile		Depth(s) Groundwater Encountered <u>1</u> <u>85.29</u> ft. <u>2</u> ft. <u>3</u> ft.			
		WELL'S STATIC WATER LEVEL <u>85.29</u> ft. below land surface measured on mo/day/yr <u>9-8-87</u>			
		Pump test data: Well water was <u>N/A</u> 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>160</u> 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 <u>X</u> ; If yes, mo/day/yr sample was submitted					
Water Well Disinfected? Yes 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	
Blank casing diameter <u>2</u> in. to <u>78</u> ft., Dia.		7 Fiberglass		Threaded	
Casing height above land surface <u>24</u> in., weight lbs./ft.				SCH. <u>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>158</u> ft., From ft. to ft.					
From ft. to ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From <u>76</u> ft. to <u>160</u> ft., From ft. to ft.					
From ft. to ft., From ft. to ft.					
6 GROUT MATERIAL: <u>1 Neat cement</u> 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <u>0</u> ft. to <u>35</u> 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? How many feet?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	40	Clay			
40	65	Silt			
65	71	SAnd			
71	79	Clay			
79	86	Sand			
86	90	SAnd/Gravel			
90	96	Gravel			
96	101	Clay			
101	110	Sand			
110	120	Gravel			
120	140	Sand			
140	150	Silt			
150	154	SAnd			
154	159	Clay			
159	160	Shale			
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>8-25-87</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>9-15-87</u> under the business name of <u>Henkle Drilling & Supply Co., Inc.</u> by (signature) <u>Bruce Richmuth</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.					