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<b>1 LOCATION OF WATER WELL:</b>		Fraction		Section Number		Township Number		Range Number	
County: <u>McPherson</u>		SW 1/4 SE 1/4 NW 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>1/2 south of McPherson</u>									
<b>2 WATER WELL OWNER:</b>		NCRA Refinery							
RR#, St. Address, Box # :		PO Box 1167, 2000 S. Main				Board of Agriculture, Division of Water Resources			
City, State, ZIP Code :		McPherson, KS 67460				Application Number:			
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b>		<b>4 DEPTH OF COMPLETED WELL:</b> 156 ft. <b>ELEVATION:</b> 1336							
		Depth(s) Groundwater Encountered 1. 78.45 ft. 2. ft. 3. ft.							
		WELL'S STATIC WATER LEVEL 78.45 ft. below land surface measured on mo/day/yr 9-8-87							
		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 206 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									
<b>5 TYPE OF BLANK CASING USED:</b>		5 Wrought iron    8 Concrete tile    CASING JOINTS: Glued Clamped 1 Steel    3 RMP (SR)    6 Asbestos-Cement    9 Other (specify below)    Welded 2 PVC    4 ABS    7 Fiberglass    Threaded							
Blank casing diameter 2 in. to 71 ft. Dia. in. to ft. Dia. in. to ft.									
Casing height above land surface 48 in. weight lbs./ft. Wall thickness or gauge No. SCH 40									
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC    10 Asbestos-cement 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:		5 Gauzed wrapped    8 Saw cut    11 None (open hole) 1 Continuous slot    3 Mill slot    6 Wire wrapped    9 Drilled holes 2 Louvered shutter    4 Key punched    7 Torch cut    10 Other (specify)							
SCREEN-PERFORATED INTERVALS:		From 71 ft. to 156 ft. From ft. to ft. From ft. to ft. From ft. to ft.							
GRAVEL PACK INTERVALS:		From 57 ft. to 206 ft. From ft. to ft. From ft. to ft. From ft. to ft.							
<b>6 GROUT MATERIAL:</b>		1 Neat cement    2 Cement grout    3 Bentonite    4 Other							
Grout Intervals: From 0 ft. to 34 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		130	150	Sand/Gravel			
40	65	Sand		150	168	Gravel			
65	70	Gravel		168	173	Sand			
70	72	Sand		173	180	Gravel			
72	75	Silt		180	198	Sand			
75	80	Sand		198	204	Clay			
80	83	Sand/Clay		204	206	Shale			
83	88	Sand							
88	94	Sand/Gravel							
94	97	Gravel							
97	98	Clay							
98	110	Sand							
110	116	Gravel							
116	120	Sand/Gravel							
120	130	Sand							
<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 8-17-87 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) 9-15-87 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) <i>Bruce R. Henkle</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.									