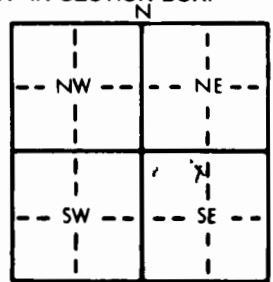


1 LOCATION OF WATER WELL: County: McPherson		Fraction: $\frac{SE}{4}$ $\frac{NW}{4}$ $\frac{SE}{4}$		Section Number: 5	Township Number: T 20 S	Range Number: R 3 EW																														
Distance and direction from nearest town or city street address of well if located within city? 1 MILE S of McPherson LF-2																																				
2 WATER WELL OWNER: National Cooperative Refinery Assoc. RR#, St. Address, Box #: P. O. Box 1404 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: 88' 3" ft. ELEVATION: Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 80' 4" ft. below land surface measured on mo/day/yr 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: 12 in. to ft., and in. to ft. WELL WATER TO BE USED AS: 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. ; 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: 4 in. to 78' 3" ft., Dia. in. to ft., Dia. in. to ft. Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No. 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 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 SCREEN-PERFORATED INTERVALS: From 78' ft. to 88' ft., From ft. to ft. GRAVEL PACK INTERVALS: From 45' ft. to 88' ft., From ft. to ft.																																				
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Intervals: From 0 ft. to 45' 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) Surrounding Direction from well? How many feet? <table border="1"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th></tr></thead><tbody><tr><td>0</td><td>35</td><td>silty clay</td><td></td><td></td><td></td></tr><tr><td>35</td><td>42</td><td>silty clay w/trace sand</td><td></td><td></td><td></td></tr><tr><td>42</td><td>50</td><td>sandy clay</td><td></td><td></td><td></td></tr><tr><td>50</td><td>90.5</td><td>fine tan sand</td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	35	silty clay				35	42	silty clay w/trace sand				42	50	sandy clay				50	90.5	fine tan sand			
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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) 12/10/87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 102 This Water Well Record was completed on (mo/day/yr) 1/20/88 under the business name of Layne Western Co., Inc., Wichita, Ks. by (signature) Brad J. Meyer 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.																																				