

1 LOCATION OF WATER WELL: County: McPherson NE 1/4 NE 1/4 SE 1/4 Section Number 5 Township Number T 20 S Range Number R 3 EAP

Distance and direction from nearest town or city street address of well if located within city? NEAR McPherson KS 2180.1 N + 177.3 W of SE CORNER

2 WATER WELL OWNER: National Cooperative Refinery Assoc. RR#, St. Address, Box #: P. O. Box 1404 City, State, ZIP Code: McPherson, Ks 67460 LF-7 Board of Agriculture, Division of Water Resources Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram showing a 36-section grid with 'NW', 'NE', 'SW', 'SE' labels. An 'X' is marked in the SE section of the SW quadrant.]

4 DEPTH OF COMPLETED WELL: 178 ft. ELEVATION: 9120 ft. below land surface measured on mo/day/yr. WELL'S STATIC WATER LEVEL: 8112 ft. below land surface measured on mo/day/yr. Pump test data: Well water was 5 gpm: Well water was 181 ft. after 10 hours pumping. Bore Hole Diameter: 10 in. to 181 ft. and 10 in. to 181 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 Monitoring well. Was a chemical/bacteriological sample submitted to Department? Yes No X. If yes, mo/day/yr sample was submitted. Water Well Disinfected? Yes No X.

5 TYPE OF BLANK CASING USED: 1 Steel, 2 PVC, 3 RMP (SR), 4 ABS, 5 Wrought iron, 6 Asbestos-Cement, 7 Fiberglass, 8 Concrete tile, 9 Other (specify below), 10 Asbestos-cement, 11 Other (specify), 12 None used (open hole). Blank casing diameter: 4 in. to 168 ft. Dia. Casing height above land surface: 24 in. weight lbs./ft. Wall thickness or gauge No. 340. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel, 2 Brass, 3 Stainless steel, 4 Galvanized steel, 5 Fiberglass, 6 Concrete tile, 7 PVC, 8 RMP (SR), 9 ABS, 10 Asbestos-cement, 11 Other (specify), 12 None used (open hole). SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot, 2 Louvered shutter, 3 Mill slot, 4 Key punched, 5 Gauzed wrapped, 6 Wire wrapped, 7 Torch cut, 8 Saw cut, 9 Drilled holes, 10 Other (specify), 11 None (open hole). SCREEN-PERFORATED INTERVALS: From 168 ft. to 178 ft. GRAVEL PACK INTERVALS: From 181 ft. to 165 ft.

6 GROUT MATERIAL: 1 Neat cement, 2 Cement grout, 3 Bentonite, 4 Other. Grout Intervals: From 165 ft. to 178 ft. What is the nearest source of possible contamination: 1 Septic tank, 2 Sewer lines, 3 Watertight sewer lines, 4 Lateral lines, 5 Cess pool, 6 Seepage pit, 7 Pit privy, 8 Sewage lagoon, 9 Feedyard, 10 Livestock pens, 11 Fuel storage, 12 Fertilizer storage, 13 Insecticide storage, 14 Abandoned water well, 15 Oil well/Gas well, 16 Other (specify below). Direction from well? FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS

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) 9/20/89 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/year) 10/20/89 under the business name of Layne Western Co., Inc., Wichita, Ks. by (signature) B. Meier

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: 913-296-5514. Send one to WATER WELL OWNER and retain one for your records.