

1 LOCATION OF WATER WELL: McPherson NE 1/4 NE 1/4 NE 1/4 Section Number 29 Township Number 19 Range Number 4

2 WATER WELL OWNER: National Cooperativer Refinery Assoc. Special MW 1

RR#, St. Address, Box #: PO BOX 1404 Board of Agriculture, Division of Water Resources

City, State, ZIP Code: McPherson KS 67404 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: 76'10" ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 24.5 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL: 24.5 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: 10 in. to 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 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: 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 X

Blank casing diameter: 4 in. to 77 ft. Dia. in. to ft. Dia. in. to ft.

Casing height above land surface: 30 in., weight: 3-40 lbs./ft. Wall thickness or gauge No.

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 9 Drilled holes

2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 77 ft. to 37 ft. From ft. to ft.

From ft. to ft. From ft. to ft.

GRAVEL PACK INTERVALS: From 77 ft. to 33 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 33 ft. From ft. to ft. From ft. to ft.

What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well

1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well

2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)

3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage BRINE POND

Direction from well? NWS How many feet? 500

FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS

0 4 dk brown clay

4 7 lt. brown to red clay

7 28 red clay

28 35 gray-brown to red clay

35 41 gray-brown to red med-hard clay

41 72 red shalish (med-hard) clay w/green shale lens

72 79 red shale w/green shale lens

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) 8/16/89 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/yr) 9-8-89

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.