

1 LOCATION OF WATER WELL: Fraction 1/4 NW 1/4 SW 1/4 Section Number 18 Township Number 30 S Range Number 30 E/W

Distance and direction from nearest town or city street address of well if located within city? From Copeland - 6 1/2 Miles South, 3/4 Mile West, 3/4 Mile South & 290 Ft. East

2 WATER WELL OWNER: Don Schwab Board of Agriculture, Division of Water Resources RR#, St. Address, Box #: City, State, ZIP Code: Copeland, Kansas 67837 Application Number: 15202

3 LOCATE WELL'S LOCATION WITH AN 'X' IN SECTION BOX: [Diagram of a 36-acre section with 'X' in the SW corner] 4 DEPTH OF COMPLETED WELL: 415 ft. ELEVATION: 220 ft. below land surface measured on 8-1-86. Pump test data: Well water was 267 ft. after 1225 gpm hours pumping. Est. Yield 1300 gpm. Well water was 275 ft. after 1300 gpm hours pumping. Bore Hole Diameter: 30 in. to 415 ft., and in. to in. ft. WELL WATER TO BE USED AS: 2 Irrigation, 5 Public water supply, 8 Air conditioning, 11 Injection well, 12 Other (Specify below). 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. CASING JOINTS: Glued, Clamped, Welded, Threaded. Blank casing diameter: 16 in. to 270 ft., Dia. in. to in. ft., Dia. in. to in. ft. Casing height above land surface: 12 in., weight 42.05 lbs./ft. Wall thickness or gauge No. 250. 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 270 ft. to 415 ft., From ft. to ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 10 ft. to 415 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 10 ft., From ft. to ft., From ft. to ft., From ft. to 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? West How many feet? 290

Table with 4 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHOLOGIC LOG. Content: See Attached Log

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) 8-14-86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 208 This Water Well Record was completed on (mo/day/yr) 10-1-86 under the business name of Minter-Wilson Drilling Co., Inc. by (signature) Nora Keeler

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. 1/4 1/4 1/4

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Don Schwab^b
Meade County
7-21-86

Location: SW $\frac{1}{4}$ 18-30-30 - Meade County
From Copeland 6 $\frac{1}{2}$ S., 3/4 W. & 3/4 S.
240' East of Old Well

Static Water Level 210

Test #2

0	2	Top Soil
012	21	Brown clay
0421	51	Brown sandy clay
	51	64 Fine sand
0764	78	Fine to medium sand
0178	117	Brown clay
	117	124 Fine to medium sand
07124	139	Fine to medium sand - tight
01139	166	Brown clay - small sand strip
07166	170	Fine sand
17	170	248 Fine to medium sand & gravel - loose
07248	260	Fine to medium sand - loose
17	260	307 Fine to medium sand & gravel - loose
07307	320	Fine to medium sand - loose
17	320	336 Fine to medium sand & gravel
07336	365	Fine to medium sand
23	365	367 Cemented sand stone - hard pull down
17	367	393 Fine to medium sand & gravel - 15% clay - tight
04	393	404 Brown sandy clay
07	404	408 Fine to medium sand
04	408	470 Brown sandy clay