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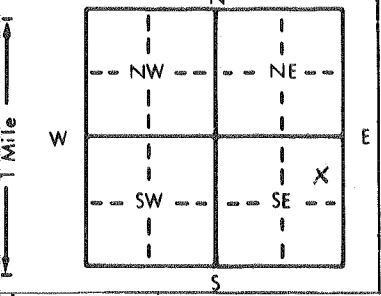
mw-1

1] LOCATION OF WATER WELL: Fraction SE 1/4 NE 1/4 SE 1/4 Section Number 3 Township Number T 14 S Range Number R 18 EW
 County: ELLIS

Distance and direction from nearest town or city street address of well if located within city?
~ 300 ft Northwest from CROSS MANUFACTURING PLANT

2] WATER WELL OWNER: CROSS MANUFACTURING, INC
 RR#, St. Address, Box #: HIGHWAY 40 & CANTERBURY RD Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: BOX 367 HAYS, KANSAS 67601 Application Number:

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



4] DEPTH OF COMPLETED WELL: 43.25 ft. ELEVATION: 1998
 Depth(s) Groundwater Encountered 1. MID ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 33.03 ft. below land surface measured on mo/day/yr 4/12/90
 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: 5.0 in. to 43.25 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 X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No X

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 _____
 7 Fiberglass Threaded X
 Blank casing diameter 2.0 in. to 32.5 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 3.3 in., weight _____ lbs./ft. Wall thickness or gauge No. Sch. 40

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 11 Other (specify) _____
 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
 7 Torch cut 10 Other (specify) _____

SCREEN-PERFORATED INTERVALS: From 33.0 ft. to 42.5 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 22.4 ft. to 43.25 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 Enviroplug
 Grout intervals: From 2.5 ft. to 22.4 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 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well? West How many feet? ~ 180 ft

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	22	Stiff to very stiff, lt brown, low plastic, silty CLAY - CL - w/ several zones of calcareous cementation			
22	34	Very dense, yellow, fine grained, clayey SAND - SC - w/ layers of clay and silt			
34	41	Dense, coarse grained, poorly graded SAND-SP - w/ layers of fine grained, clayey sand			
41	43.25	SHALE! Weathered, olive brown, clayey			

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) 4-3-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 399 This Water Well Record was completed on (mo/day/yr) 4-16-90 under the business name of WOODWARD-CLYDE CONSULTANTS by (signature) Rubén K. Martínez

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.