WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Harvey | Fraction: SW ¼ NE ¼ NW ¼ | Section Number: 32 | Township Number: T 23 S | Range Number: R 1 E/W

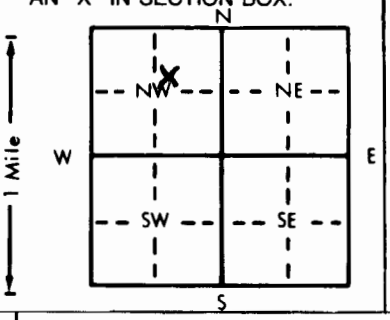
Distance and direction from nearest town or city street address of well if located within city? 2 Miles East of Halstead, Kansas

2 WATER WELL OWNER: City Water Dept. Well No. 9A

RR#, St. Address, Box # : City Bldg. Board of Agriculture, Division of Water Resources

City, State, ZIP Code : Newton, Kansas 67114 Application Number: ~~Harvey 02~~

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



4 DEPTH OF COMPLETED WELL 110 ft. ELEVATION: ~~TP~~ 1489

Depth(s) Groundwater Encountered 1. 37 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 37 ft. below land surface measured on mo/day/yr 5/13/86

Pump test data: Well water was 79 ft. after 4 hours pumping 610 gpm

Est. Yield gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter 30 in. to 110 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 X No

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile; 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass

CASING JOINTS: Glued Clamped; Welded X; Threaded

Blank casing diameter 12 in. to 80 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 27 in., weight 49.56 lbs./ft. Wall thickness or gauge No. .375

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement; 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 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 80 ft. to 110 ft., From ft. to ft.; From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 ft. to 110 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 20 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); 13 Insecticide storage

Direction from well? West How many feet? 500

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	6	Sandy top soil			
6	10	Gray clay			
10	28	Brown clay			
28	32	Fine sand			
32	48	Fine-med.sandw/clay layers			
48	60	red-brown clay			
60	68	Red-brn.clay w/sand layers			
68	101	Fine to med.sand w/clay			
101	104	Red-brn clay			
104	105	Fine - med. sand w/clay			
105	110	Fine yellow sand			
110	125	Red-brn.clay w/sand			
125	128	Shale			

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) 5/29/86 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) 6/10/86 under the business name of Layne-Western Co., Inc., Wichita, Ks by (signature) [signature]

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. ¼ ¼ ¼