HW-1

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

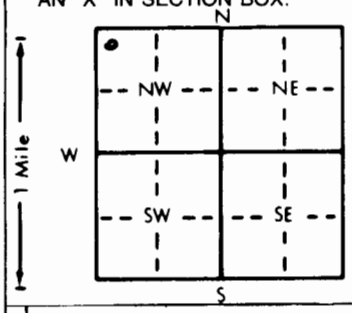
1 LOCATION OF WATER WELL: County: Stafford | Fraction: NW ¼ NW ¼ NW ¼ | Section Number: 22 | Township Number: T 24 S | Range Number: R 15 E (W)

Distance and direction from nearest town or city street address of well if located within city?
132 East Broadway , Macksville,Ks.

2 WATER WELL OWNER: Kinzie Corp.
RR#, St. Address, Box # : P.O. Box 464
City, State, ZIP Code : Macksville,Ks. 67557

Board of Agriculture, Division of Water Resources Application Number:

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



4 DEPTH OF COMPLETED WELL 30' ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 18' ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 17.83 ft. below land surface measured on mo/day/yr 9-18-97
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 8½" in. to 30' 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)

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 2.375 in. to 10' ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface Flush ft., in., weight lbs./ft. Wall thickness or gauge No. SDR-13
TYPE OF SCREEN OR PERFORATION MATERIAL: (7 PVC) 10 Asbestos-cement Sch 40
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) 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From 30' ft. to 10' ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 30' ft. to 8' 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 8' ft. to 4' ft., From 4' ft. to 0' ft., From ft. to ft.
What is the nearest source of possible contamination: (3) (2)
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
Direction from well? West S. West How many feet? 120'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7	Grass-Dk brn silty clay to clay, moist, no odor, firm.			
7	10	Pale gray brn clay w/ trace of sand & caliche, moist, firm to stiff, no odor.			
10	17.5	Lt pink brn sandy clay to clayey sand, moist, firm, no odor.			
17.5	20	White clayey sand, caliche nodules & staining, moist to wet at 19', no odor.			
20	30	White to brn fine sand, wet, no odor, well rounded & sorted.			F.H. OK'd by Don Taylor

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) 9-15-97 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 539 This Water Well Record was completed on (mo/day/yr) 10-8-97 under the business name of JB Environmental Drilling by (signature) James Bieber

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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼