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# EQUUS BEDS' GROUNDWATER MANAGEMENT DISTRICT NO. 2

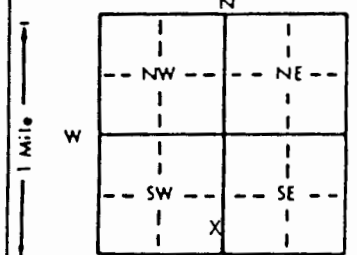
## DRILLER'S LOG AND WELL RECORD FIELD SHEET

Well No. EB-131A

1 LOCATION OF WATER WELL: County: Sedgwick	Fraction NEc SE 1/4 SW 1/4	Section Number 19	Township Number T 26 S	Range Number R 1E E
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Distance and direction from nearest town or city street address of well if located within city? Miles Sand Co., 4852 North Meridian, Wichita 67204  
Approx. 0.75 mi. S. of 53rd St. North and 0.5 mi. E. of Meridian on E side of lake.

2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :	Ground Water Management District II 313 Spruce, Halstead, Kansas 67056	Board of Agriculture, Division of Water Resources Application Number: N/A
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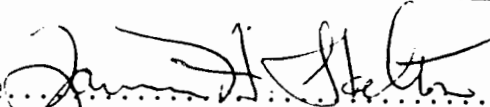
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: 28.5 ft. ELEVATION: Approx. 1328 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr Pump test data: Well water was ft. after hours pumping gpm Est. Yield gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter in. to ft. and in. to ft. WELL WATER TO BE USED AS: 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
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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) Blank casing diameter in. to ft. Dia. in. to ft. Dia. in. to ft. Casing height above land surface 36 in., weight lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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 28.5 ft. to 23.5 ft. From ft. to ft. GRAVEL PACK INTERVALS: From 28.5 ft. to 15.0 ft. From ft. to ft. Colorado Silica Sand From ft. to ft. From ft. to ft.	CASING JOINTS: Glued Clamped Welded Threaded
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6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other	GROUT INTERVALS: From 12.3 ft. to surface ft. From ft. to ft. From ft. to ft.
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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 Sand pit pond  
Direction from well? West How many feet? 30 ft.

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Dark-brn, sandy, silt. Qtz grains range from 0.1 & smaller to 0.2 mm. Lightly stained with Fe <sub>2</sub> O <sub>3</sub> . Grains angular to rounded. Non-calc. Less than 0.5% mica. Color lightens below 18 inches. There are a few ± 1% qtz grains up to 3 mm diam.	8	13	Tan qtz sand ranging from approx 0.5 to 2.0 mm diam. Angular to sub-rd, frosted to transparent, pebbles to 18 mm, comp. of granite, qtz, ss. Pebbles rounded, smooth, comprise perhaps 15-20% by vol. of sample. Non-calc. Some mica.
3	8	Yellow to tan, poorly sorted sand/pebble mixture. Predominately qtz, less 1% ea. mica and feldspar. Smaller grains angular to subangular. Larger round to sub-rd & frosted. Pebbles are qtz, few granite & sandstone. Avg size range of sand 0.1 to 0.5 mm, pebbles from 5 to 10-15 mm. Contains unmeasured amount of silt-size silica particles.	13	18	Tan qtz sand predom, 0.25 to 1.5 mm diam. Chert & qtz pebbles to 14 mm constitute less than 5% by vol. One mm size qtz grain shows etched xl faces, poss. authigenic qtz. Less than 1% ang. black-coated grains, either Mn or Fe stain. Some sand-size feldspar, ig. & meta rock grains.
			18	23	Similar to 13-18

7 COMPLETION: Date Well Completed: 20.../...6.../1991. Site Geologist: Lawrence H. Skelton	Signature: 
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AR-86-2 USE BACK OF SHEET FOR ADDITIONAL REMARKS.....

- 23 28 Similar to 18-23. Fewer pebbles, sand-size fraction increasing.
- 28 33 Well-sorted, light-tan , angular to rounded quartz sand, avg. 0.25 to 1.0 mm diam. Fewer pebbles.  
A few 0.2 mm diam mica flakes