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EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

DRILLER'S LOG AND WELL RECORD FIELD SHEET

Well No. EB121A

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number		
County: Sedgwick		C E/2 SW 1/4 NE 1/4	13	T 26 S	R 1W 1W		
Distance and direction from nearest town or city street address of well if located within city? Two mi. S. of Valley Center on Meridian, west on 61st St. No. approx. 0.25 mi., south on dirt residential st. into Fox Meadows Subdivision, East side of pond at south							
2 WATER WELL OWNER:		end of sub div.					
RR#, St. Address, Box # :		Ground Water Management District II					
City, State, ZIP Code :		313 Spruce, Halstead, Kansas 67056					
		Board of Agriculture, Division of Water Resources					
		Application Number: N/A					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 29.5 ft. ELEVATION: approx. 1325					
		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:					
		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: If yes, mo/day/yr sample was submitted					
		Water Well Disinfected? Yes No					
5 TYPE OF BLANK CASING USED:		CASING JOINTS: Glued Clamped					
1 Steel 3 RMP (SR)		Welded					
2 PVC 4 ABS		Threaded					
7 Fiberglass							
Blank casing diameter in. to 0.23 ft., Dia in. to ft., Dia in. to ft.							
Casing height above land surface 30 in., weight lbs./ft. Wall thickness or gauge No.							
TYPE OF SCREEN OR PERFORATION MATERIAL:		10 Asbestos-cement					
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 29.5 ft. to 24.5 ft., From ft. to ft.							
GRAVEL PACK INTERVALS: From 29.5 ft. to 19 ft., From ft. to ft.							
Colorado Silica Sand From ft. to ft., From ft. to ft.							
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other							
Grout Intervals: From 19.9 ft. to surface ft., From ft. to ft., From ft. to ft.							
What is the nearest source of possible contamination:		10 Livestock pens 14 Abandoned water well					
1 Septic tanks 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard		11 Fuel storage 15 Oil well/Gas well					
		12 Fertilizer storage 16 Other (specify below)					
		13 Insecticide storage Storm water disp. pit.					
Direction from well? West		How many feet? 25 ft.					
FROM	TO	LITHOLOGIC LOG		FROM	TO	LITHOLOGIC LOG	
0	3	Unconsol. silt to v. fine to fine sand, non-calc., chestnut brown containing scattered qtz. sand grains to 0.5 mm diam.		13	18	Qtz sand, non-calc., well sorted, rounded to angular. More than one-half is 0.5 mm to 1 mm. Infrequent qtz and chert pebbles to 1 cm. Blk stained frags. No mica seen.	
3	8	Well sorted, angular to sub-rd, clean quartz sand, grains + 0.25 to 0.5 mm, less than 1% mica not exceeding 1 mm, scattered qtz frags to 2 mm, Scattered unident. dark-colored to blk frags..poss. Fe ₂ O ₃ or organic. Light-brown sand. Sil. calcareous.		18	23	Sandy, clayey, quartz & chert pebbles, rounded, smoothed, up to 2 cm diam, but usually + 1 cm. Non-calc.	
8	13	Same as 3-8 ft. Incr number of larger quartz frags to 2 mm, less mica, scattered rounded chert frags to 2.0 mm. Light-brown.		23	28	Predom. qtz/chert pebbles ranging from 0.5 mm to 2.0 cm. Red, brown, white, in clay/sand mix. Sand is quartz - to 0.5 mm.	
		Dark particles are Fe or Mn stained. Less than 1% chert grains vel to orange. Qtz grains incr. in size, a few to 4 mm.		28	29.5	Coarse quartz sand, sub-rd to sub-ang., grains to 2 mm diam. Chert & granite pebbles to 18 X 9 mm to 15 X 12 mm.	

7 COMPLETION:

Date Well Completed: 20 / 6 / 1991
Site Geologist: Lawrence H. Skelton

Signature: