

$\frac{1}{2}$

DRILLER'S LOG AND WELL RECORD FIELD SHEET

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Sedgwick	SW ¼ SW ¼ SE ¼	12	T 26 S	R 1W W
Distance and direction from nearest town or city street address of well if located within city?				
2 mi. S. of Valley Center on Meridian & 0.5 mi. W. on 61st St. North. About 5 ft W. of fence & 30 ft. N. of 61st St.				

2	WATER WELL OWNER:	Ground Water Management District 11	
	RR#, St. Address, Box # :	313 Spruce, Halstead, Ks. 67056	Board of Agriculture, Division of Water Resources
	City, State, ZIP Code :		Application Number: N/A

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

1 Mile	W		E

4 DEPTH OF COMPLETED WELL: 30.0 ft. ELEVATION: 1338

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
2 Irrigation	4 Industrial	7 Lawn and garden only
		9 Dewatering
		10 Observation well
		12 Other (Specify below)

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	
<u>2 PVC</u>	4 ABS	7 Fiberglass		<u>Threaded.</u>	
Blank casing diameter in. to 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:		<u>7 PVC</u>	10 Asbestos-cement		
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:		5 Gauzed wrapped		8 Saw cut	
<u>1 Continuous slot</u>	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 25 ft.,	From ft. to ft.		
		From ft. to ft.,	From ft. to ft.		
GRAVEL PACK INTERVALS:		From 30 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 ft. to surface 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)

Direction from well? NW & NNW 13 Insecticide storage tilled field-6 ft. east

How many feet? 1 mile dirt road-10 ft. west

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	Loamy, sandy, silty, angular to sub-rd, qtz grains 90% are less than 0.25 mm diam. A few, less than 1%, grains to 1 mm. Organic debris, dark-chestnut brown, non-calc.	18	23	fresh-looking grains, possibly authigenic quartz. About one-half of qtz grains are lightly coated with Fe_2O_3 . Non-calc. Quartz sand. 90% 0.5 mm to 1.00 mm. Perhaps 5% are larger, rounded, water-worn qtz pebbles to 14 mm long axis. Some chert pebbles to 5-10 mm. About one-half iron stained. Overall, coarser than above. Angular to sub-rd. Non-calc.
3	8	Fine qtz sand ranging from 0.125 to 1 mm diam; angular to sub-rd. 1 to 2% rounded, water-worn quartz and igneous rk pebbles to 10 mm; some black-stained grains poss Mn stain. Non-calc.	23	28	Same as 18-23. Chert & ig rock pebbles to 18 mm X 12 mm. Avg. sand 0.5 to 1.0 mm diam. Ferromagnesian xl incl in qtz pebbles. Non-calc.
8	13	Same as 3-8, a few more larger pieces to 13 mm. Vol. of smaller grains (0.125 to .25 mm) lessening, sand becoming bigger. Non-calc.	28	33	Poss. 20% of sand grains to 2.0 mm, rounded to subangular. Some feldspar & granitic
13	18	Same as 8-13--grain size holding. Same			

7 COMPLETION:

Date Well Completed: 20.../...6.../1991

Site Geologist.....

Lawrence, H. Skelton

Signature.....*James W. Smith*.....

(Over)

.....USE BACK OF SHEET FOR ADDITIONAL REMARKS.....

grains. Larger pebbles to 10-15 mm, sub-ang. to sub-rd. Non-calc.