

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Thomas	SW 1/4 SW 1/4 NW 1/4	21	T 10 S	R 36 W

Distance and direction from nearest town or city street address of well if located within city?

13 miles south and 1 mile east of Brewster, KS

2 WATER WELL OWNER:	Kansas Geological Survey	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # :	1930 Constant Ave.	Application Number:
City, State, ZIP Code :	Lawrence, KS 66046	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 164.6 ft. ELEVATION: 3326
	Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
	WELL'S STATIC WATER LEVEL 104.5 ft. below land surface measured on mo/day/yr 12-1-88
	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 .. 6. in. to .. 164.6 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 <u>x</u>; If yes, mo/day/yr sample was submitted	
Water Well Disinfected? Yes No <u>x</u>	

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <u>x</u> Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
2 PVC	4 ABS	7 Fiberglass	Welded
Blank casing diameter 2. in. to .. 164.6 ft., Dia			Threaded
Casing height above land surface ... 29.16 in., weight			lbs./ft. Wall thickness or gauge No. Sch. 40
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	8 RMP (SR)	11 Other (specify)
2 Brass	4 Galvanized steel	9 ABS	12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped	8 Saw cut
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 .. 104.5 ft. to .. 114.5 ft.	From
GRAVEL PACK INTERVALS:		From .. 102 ft. to .. 116 ft.	From

6 GROUT MATERIAL:	1 Neat cement	2 Cement grout	3 Bentonite	4 Other volclay
Grout Intervals:	From .. 120 ft. to .. 116 ft.	From .. 102 ft. to .. 94.6 ft.	From .. 2 ft. to .. 0 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?			How many feet?	

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	3	greyish/brown topsoil	109.5	110	gravel
3	43	grey, pink & tan sandy clays, some caliche	110	136	light grey sandyclay w sand/gravel, some caliche
43	48	sand and gravel	136	164	sand/gravel, some caliche
48	50	clay	164	179	sand
50	63	sand & gravel	179	209	sand & gravel
63	81.5	pinkish/tan sandy clay	209	236	sand & gravel, caliche, clay lense
81.5	82	gravel	236	239	weathered shale
82	85	sandy clay			
85	87	gravel			
87	89	sandy clay interbedded w sand & gravel			
89	91	hard zone, caliche?			
91	95	sandy clay			
95	104	sand & gravel			
104	105.5	gravel			
105.5	109.5	tan/pinkish clay, some caliche			

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) 12-1-88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) 12-20-88 under the business name of Kansas Geological Survey by (signature) <i>SABINE BOG</i>
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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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.