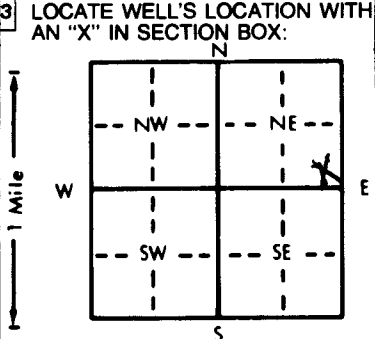


1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 NE 1/4 Section Number 19 Township Number T 28 S Range Number R 20 5W
 County: Kiowa

Distance and direction from nearest town or city street address of well if located within city?
Mullinville, Ks. 3/4 west 1/2 north

2 WATER WELL OWNER: Ben Ratzloff
 RR#, St. Address, Box #: North St. Road Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Elkhart, Ks. 67950 Application Number: 12,416



4 DEPTH OF COMPLETED WELL... 110 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL ... 58 ft. below land surface measured on mo/day/yr 4-30-93

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield 1200 gpm: Well water was ... 76 1/2 ft. after ... 2 hours pumping ... 800 gpm

Bore Hole Diameter... 28 in. to ... 110 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 h+h No

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ... X ... Clamped

1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded

2 PVC 4 ABS 7 Fiberglass Threaded

Blank casing diameter 16 in. to ... 90 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 12 in., weight SDR32.5 lbs./ft. Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 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 90 ft. to ... 110 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 20 ft. to ... 110 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 0 ft. to ... 20 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)
 13 Insecticide storage none

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Top soil			
3	12	Clay			
12	20	Silty clay			
20	57	Sand and gravel small withy fire clay streaks			
57	62	Dark sand and gravel coarse			
62	64	Tan clay			
64	68 1/2	White & tan clay gravel mixed			
68 1/2	71	Sand and gravel clean & loose			
71	72 1/2	Clay			
72 1/2	74 1/2	Sand and gravel			
74 1/2	75	Clay			
75	78	Sand and gravel with clay streaks			
78	109	Sand and gravel clean coarse loose flat rock			
109	110	Yellow & white clay			

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) 5-12-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 134 ... This Water Well Record was completed on (mo/day/yr) ... 6-4-93 ... under the business name of Rosencrantz-Bemis by (signature) Freddie Dodson

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.

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