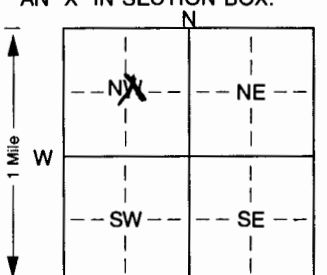


1] LOCATION OF WATER WELL: Fraction 1/4 N/C 1/4 NW 1/4 Section Number 9 Township Number T 28 S Range Number R 19 NEW  
 County: Kiowa

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

2] WATER WELL OWNER: Hengist Corp.  
 RR#, St. Address, Box # : 4005 Lindsey Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Manhattan, Ks. 66502 Application Number: 27,737

3] LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4] DEPTH OF COMPLETED WELL... 166 ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL... 104 ft. below land surface measured on mo/day/yr ..... 3-9-01 .....  
 Pump test data: Well water was ... 118 ft. after ... 2 1/2 hours pumping ... 690 gpm  
 Est. Yield ... 1000 gpm: Well water was ... 124 ft. after ... 4 hours pumping ... 925 gpm  
 Bore Hole Diameter... 28 in. to ... 165 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 Domestic (lawn & garden) 10 Monitoring well .....  
 Was a chemical/bacteriological sample submitted to Department? Yes. .... No. X ; If yes, mo/day/yrs sample was submitted  
 Water Well Disinfected? Yes No X

5] TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued. X Clamped. ....  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded .....  
 7 Fiberglass ..... Threaded .....  
 Blank casing diameter ... 16 in. to ... 132 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface. .... 12 in., weight ..... SCH 40 lbs./ft. Wall thickness or gauge No. ....  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) .....  
 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) ..... ft.  
 SCREEN-PERFORATED INTERVALS: From ..... 132 ft. to ..... 165 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From ..... 165 ft. to ..... 20 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 ..... hole plug .....  
 Grout Intervals: From ..... 20 ft. to ..... 0 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	7	Top soil			
7	22	Brown clay			
22	26	Sand and gravel clean medium loose			
26	37	Sandy brown clay			
37	46	Sand and gravel w/ clay			
46	59	Brown clay little gravel			
59	67	Sand w/ clay streaks			
67	71	Clay HARD			
71	95	Sand and gravel clean & coarse			
95	98	Hard cemented sand			
98	154	Sand and gravel clean, coarse,			
154	158	HARD clay			
158	165	Sand and gravel clean medium			

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) ..... 4-17-01 ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. .... 134 ..... This Water Well Record was completed on (mo/day/yr) ..... 4-17-01 ..... under the business name of Rosencrantz-Bemis by (signature) Dredin Rudson