

1 LOCATION OF WATER WELL: County: Nemaha	Fraction NE ¼ NE ¼ SE ¼	Section Number 28	Township Number T 3 S	Range Number R 13E E/W
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Distance and direction from nearest town or city street address of well if located within city?
2½ miles east and 1½ mile north of Kelly

2 WATER WELL OWNER: **Brian Haverkamp**
 RR#, St. Address, Box # : **1326 M4 Rd**
 City, State, ZIP Code : **Seneca, Ks. 66538**
 Board of Agriculture, Division of Water Resources
 Application Number:

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

N			
W			E
S			

4 DEPTH OF COMPLETED WELL **250** ft. ELEVATION:

Depth(s) Groundwater Encountered 1 ft. 2 ft. 3 ft.
 WELL'S STATIC WATER LEVEL **78** ft. below land surface measured on mo/day/yr **9-4-07** ft.
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield **50.4** gpm: Well water was ft. after hours pumping gpm
 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/yr sample was submitted
 Water Well Disinfected? Yes **X** No

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 **5** in. to ft. Dia in. to ft. Dia in. to ft.
 Casing height above land surface **24** in., weight **2.82** lbs./ft. Wall thickness or guage No. **.258**

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:

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes	
		7 Torch cut	10 Other (specify)	

SCREEN-PERFORATED INTERVALS: From **65** ft. to **85** ft., From **205** ft. to **215** ft.
 From **220** ft. to **230** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **25** ft. to **250** 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 **1** ft. to **25** 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	creek

Direction from well? **Northeast** How many feet? **70'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	top soil	219	223	clay grey sandy
4	7	brown clay	XXXXXXXXXXXXXXXXXX		
7	10	fine/course sand med pea brown			
10	16	grey brown clay	223	234	fine/course sand grey
16	21	tan clay	234	239	clay grey sandy
21	23	course sand pea brown	239	250	grey limestone
23	29	tan clay mix course sand pea brown			
29	38	course sand pea brown grey mix			
38	78	course sand pea 3/8 brown			
78	87	pea 3/8, 1/2 grey brown mix			
87	172	clay grey sandy			
172	181	very fine sand grey			
181	197	fine/course sand grey boulders			
197	219	course sand grey boulders			

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) **9-4-07** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No **182** This Water Well Record was completed on (mo/day/yr) **9-27-07** under the business name of **Strader Drilling Co., Inc.** by (signature) *B. Strader*