

OB# 86

1 LOCATION OF WATER WELL: Fraction SW 1/4 SE 1/4 SE 1/4 Section Number 31 Township Number T 17 S Range Number R 10 EW  
 County: ELLISWORTH  
 Distance and direction from nearest town or city street address of well if located within city?  
7777 AVE Y.

2 WATER WELL OWNER: KN PROCESSING, INC.  
 RR#, St. Address, Box #: R.R. 1 BOX 5A  
 City, State, ZIP Code: BUSHTON, KS. 67427  
 Board of Agriculture, Division of Water Resources  
 Application Number:

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

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| N  | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |    |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 |

4 DEPTH OF COMPLETED WELL: 28 ft. ELEVATION: \_\_\_\_\_  
 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: 7 1/4 in. to 28 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 \_\_\_\_\_; If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes \_\_\_\_\_ No \_\_\_\_\_

5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_  
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded \_\_\_\_\_  
 Blank casing diameter 2 in. to 18 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface 0 in., weight Sched 40 lbs./ft. Wall thickness or gauge No. \_\_\_\_\_  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 2 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 2 Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) \_\_\_\_\_  
 SCREEN-PERFORATED INTERVALS: From 28 ft. to 18 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 28 ft. to 16 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 10 ft. to 0 ft., From 16 ft. to 10 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well  
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage  
 Direction from well? East How many feet? 50

| FROM | TO   | LITHOLOGIC LOG           | FROM | TO | PLUGGING INTERVALS |
|------|------|--------------------------|------|----|--------------------|
| 0    | 5    | CRUSHED LIMESTONE & CLAY |      |    |                    |
| 5    | 3    | Silty clay, very dark    |      |    |                    |
| 3    | 5    | Silty clay, olive gray   |      |    |                    |
| 5    | 7    | CLAYEY SILT, GRAY        |      |    |                    |
| 7    | 11   | SANDY CLAY, GRAY         |      |    |                    |
| 11   | 13   | Silty sand, olive gray   |      |    |                    |
| 13   | 14   | SANDY CLAY, OLIVE GRAY   |      |    |                    |
| 14   | 18   | CLAYEY SILT, BROWN       |      |    |                    |
| 18   | 20   | Silty clay, dk brown     |      |    |                    |
| 20   | 21   | SANDY SILT, dk brown     |      |    |                    |
| 21   | 24.5 | CLAYEY SILT, dk brn.     |      |    |                    |
| 24.5 | 27   | Silty clay, GRAY         |      |    |                    |
| 27   | 28   | as above                 |      |    |                    |
|      |      | Flush Mount              |      |    |                    |

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) 6-27-97 and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. 575 This Water Well Record was completed on (mo/day/yr) 9-5-97  
 under the business name of KURTZ ENVIRONMENTAL SERVICE by (signature) [Signature]