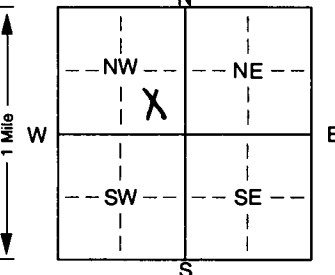


1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number  
 County: Hodgeman n-c 1/4 SE 1/4 NW 1/4 18 T 22 S R 21 EW

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

2 WATER WELL OWNER: Ruff Farms Inc.  
 RR#, St. Address, Box # : Rt. 1-Box H 78 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Hanston, Ks. 67849 Application Number: 38,233

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL... 163... ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL ..... 70... ft. below land surface measured on mo/day/yr ..... 8-7-01.....  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield ... 550... gpm: Well water was ... 118' 9" ft. after ..... 6... hours pumping ... 500... gpm  
 Bore Hole Diameter. ... 28... in. to ... 163... 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/yr sample was submitted  
 Water Well Disinfected? Yes No X

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 ... 115... 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: 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) ..... ft.  
 SCREEN-PERFORATED INTERVALS: From. .... 115... ft. to ... 163... ft., From ..... ft. to ..... ft.  
 From. .... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From. .... 163... 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 .....  
 Direction from well? north How many feet? 20'

| FROM | TO  | LITHOLOGIC LOG              | FROM | TO  | PLUGGING INTERVALS |
|------|-----|-----------------------------|------|-----|--------------------|
| 0    | 3   | Top soil                    | 131  | 132 | sand rock- Hard    |
| 3    | 9   | Tan clay                    | 132  | 163 | sand rock          |
| 9    | 15  | Redish brown clay           |      |     |                    |
| 15   | 19  | Gray shale                  |      |     |                    |
| 19   | 26  | Fire clay                   |      |     |                    |
| 26   | 29  | Gray shale                  |      |     |                    |
| 29   | 30  | Sand rock                   |      |     |                    |
| 30   | 64  | Gray shale                  |      |     |                    |
| 64   | 66  | Sand rock                   |      |     |                    |
| 66   | 68  | Gray shale                  |      |     |                    |
| 68   | 86  | Sand rock                   |      |     |                    |
| 86   | 111 | shale, streaks of sand rock |      |     |                    |
| 111  | 126 | Sand rock                   |      |     |                    |
| 126  | 131 | Shale- streaks of sand rock |      |     |                    |

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) ..... 8-13-01..... 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) ... 8-17-01..... under the business name of Rosenkrantz-BEmis by (signature) Freddie Dodson