

1 LOCATION OF WATER WELL: County: Riley Fraction: SW 1/4 SW 1/4 NE 1/4 Section Number: 28 Township Number: T 10 S Range Number: R 7

Distance and direction from nearest town or city street address of well if located within city?  
3 mi West of Manhattan

2 WATER WELL OWNER: Advance Genetic Sciences  
 RR#, St. Address, Box #: R. R. 1 P.O. Box 1373  
 City, State, ZIP Code: Manhattan, KS.  
 Board of Agriculture, Division of Water Resources  
 Application Number: 36056

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 70 ft. ELEVATION:  
 Depth(s) Groundwater Encountered: 1. 19 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 19 ft. below land surface measured on mo/day/yr 9-29-82  
 Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Est. Yield 1000 gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 30 in. to \_\_\_\_\_ ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic  3 Feedlot  6 Oil field water supply  9 Dewatering  11 Injection well   
 2 Irrigation  4 Industrial  7 Lawn and garden only  10 Observation well  12 Other (Specify below) \_\_\_\_\_  
 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)  6 ~~Asbestos-Cement~~  9 Other (specify below) \_\_\_\_\_  
 2 PVC  4 ABS  7 Fiberglass  10 Asbestos-cement   
 Blank casing diameter: 16 in. to 31 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: 12 in., weight 32 lbs./ft. Wall thickness or gauge No. .75 in.  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 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:  
 1 Continuous slot  5 Gauzed wrapped  8 Saw cut  11 None (open hole) \_\_\_\_\_  
 2 Louvered shutter  6 Wire wrapped  9 Drilled holes  10 Other (specify) \_\_\_\_\_  
 3 Mill slot  7 Torch cut  10 Other (specify) \_\_\_\_\_  
 SCREEN-PERFORATED INTERVALS: From 31 ft. to 70 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 15 ft. to 70 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 10 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? NONE with 800 ft How many feet? \_\_\_\_\_

| FROM | TO | LITHOLOGIC LOG              | FROM | TO | LITHOLOGIC LOG |
|------|----|-----------------------------|------|----|----------------|
| 0    | 2  | Top Soil                    |      |    |                |
| 2    | 17 | FINE SAND                   |      |    |                |
| 17   | 23 | MEDIUM COURSE SAND          |      |    |                |
| 23   | 31 | COURSE GRAY SAND + GRAVEL   |      |    |                |
| 31   | 33 | GRAY CLAY                   |      |    |                |
| 33   | 42 | MEDIUM COURSE GRAY SAND     |      |    |                |
| 42   | 47 | MEDIUM COURSE BROWN SAND    |      |    |                |
| 47   | 62 | COURSE YELLOW SAND + GRAVEL |      |    |                |
| 62   | 70 | COURSE RED SAND + GRAVEL    |      |    |                |
| 70   | 71 | LIMESTONE                   |      |    |                |

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) 9-29-82 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 138 This Water Well Record was completed on (mo/day/yr) 10-27-82 under the business name of PETERSON IRRIGATION INC by (signature) Mike Peterson  
 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY  
T 10  
R  
7  
SEC. 28  
SW 1/4  
SW 1/4  
NE 1/4