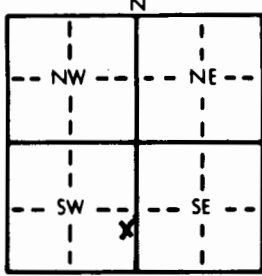


1 LOCATION OF WATER WELL: County **CRAWFORD** Fraction **NE 1/4 SE 1/4 SW 1/4** Section Number **2** Township Number **T 23 S** Range Number **R 25 E/W**

Distance and direction from nearest town or city street address of well if located within city?  
**1/2 west of Arcadia, KS**

2 WATER WELL OWNER: **Dellenbaugh Industries Inc**  
 RR#, St. Address, Box #: **18181 W 93<sup>rd</sup>**  
 City, State, ZIP Code: **Shawnee, KS 66217**  
 Board of Agriculture, Division of Water Resources  
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: **36.71** ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. **9** ft. 2. **33** ft. 3. **33** ft.  
 WELL'S STATIC WATER LEVEL: **13.11** ft. below land surface measured on mo/day/yr **2-28-95**  
 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 1/8** in. to **36.70** 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 **MW Upper Blue Jacket**  
 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:  
 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 \_\_\_\_\_  
 7 Fiberglass Threaded **X**  
 Blank casing diameter **2** in. to **33.7** ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface **36** in., weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. **Sch 40**  
 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 **33.7** ft. to **36.7** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From **31.75** ft. to **36.7** 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 **31.75** ft. to **29.7** ft., From **29.7** ft. to **1.0** 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) **MSWLF**  
 13 Insecticide storage  
 Direction from well? **West** How many feet? **492**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1.5	Full, shale, gravel, silt, sand			trace fossils, UPPER BLUE JACKET
1.5	2.5	Clay, brown, silty, moist, slightly plastic, soft. (Top soil)	33.25	36.70	SHALE, gray, firm - fissile
2.5	9.0	CLAY, brown, silty, mottled w/ orange and gray, soft-firm, low plasticity, trace fine sand, med-fine gravel, roots. (Weath. Shale)			
9.0	9.5	COAL, black soft (Weir-P.Hsburg)			
9.5	16.5	UNDERCLAY, gray, soft, dry			
16.5	30.33	SHALE, greenish-gray, soft, firm, dry, traces, carbonaceous material, gypsum			
30.33	32.75	SHALE, gray, firm, fissile locally			
32.75	33.25	MUDSTONE, brown-gray, 2' and fractures healed w/ calcite			

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) **3/16/94** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **403** This Water Well Record was completed on (mo/day/yr) **2/23/95** under the business name of **TEST** by (signature) **Don R. Surgen**