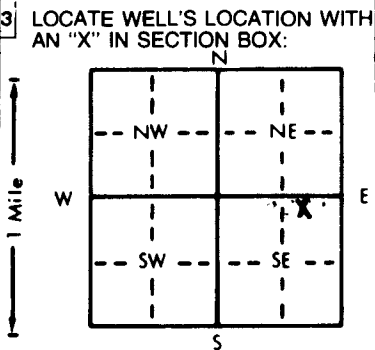


1 LOCATION OF WATER WELL: County: **COWLEY** Fraction: **NW** 1/4 NE 1/4 SE 1/4 Section Number: **18** Township Number: **T 34 S** Range Number: **R 4 E EW**

Distance and direction from nearest town or city street address of well if located within city?  
**1/8 mile West of East Section Line, Just South of 1/2 Section Line** **Arkansas City, KS**

2 WATER WELL OWNER: **Phillip McFarland**  
 RR#, St. Address, Box #: **R. R. #2** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: **Arkansas City, KS. 67005** Application Number:



4 DEPTH OF COMPLETED WELL: **33.5** ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. \_\_\_\_\_ ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: **20** ft. below land surface measured on mo/day/yr **2-8-91**  
 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: **24** in. to \_\_\_\_\_ 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 **recovery 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:  
 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 **XX**  
 7 Fiberglass Threaded \_\_\_\_\_  
 Blank casing diameter: **16** in. to **13.5** ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: **24** in., weight: **42.05** lbs./ft. Wall thickness or gauge No. **1/4**  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 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 **13.5** ft. to **33.5** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From **10.5** ft. to **33.5** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite **HOLE PLUG**  
 Grout Intervals: From **5** ft. to **8** ft., From **8** ft. to **10.5** 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 **gasoline spill from pipeline**  
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Medium to dark brown silt and clay trace of very fine sand	26	29	Gravel as above with fine to coarse sand
3	9	Medium to dark brown silt and clay becoming more dense with depth	29	31	Mixture brown clay - tan and brown gravel - medium to coarse sand
9	14	as above - very damp			
14	16	Very dark brown clay - very damp sticky	31	33 1/2	As above with increasing amounts of fine medium coarse grain sand
16	16.4	Very dark brown to tan clay			
16.4	20	Mixture of Medium brown clay and 1/2 to 1/2" gravel			
20	21	Medium brown to tan clay, medium to coarse grain sand and gravel -			
21	23 1/2	Medium Brown to tan gravel coarse grain sand			
23 1/2	26	Tan brown white gravel			

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) **2-15-91** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **236** This Water Well Record was completed on (mo/day/yr) **3-10-91** under the business name of **Harp Well & Pump Service, Inc.** by (signature) *Mary Arnold*

OFFICE USE ONLY

T

R

EW

SEC

1/4

1/4

1/4