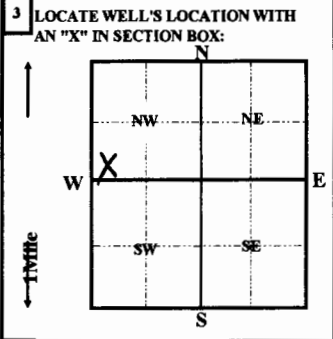


1 LOCATION OF WATER WELL: <b>Cowley</b>	FRACTION <b>SW 1/4 NW 1/4 NW 1/4</b>	Section Number <b>19</b>	Township Number <b>T 31 S</b>	Range Number <b>R 3E E/W</b>
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Distance and direction from nearest town or city street address of well if located within city?  
**5 m. S. of Udall, Ks., 1 m. W. of Udall Rd, 1/4 S., E side of road.**

2 WATER WELL OWNER: <b>MORTON, Jeffrey</b> RR#, ST. ADDRESS, BOX #: <b>709 E. 7th</b> CITY, STATE, ZIP CODE: <b>Winfield, Kansas</b>	Board of Agriculture, Division of Water Resource Application Number:
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4 DEPTH OF COMPLETED WELL **80** ft. ELEVATION:

Depth(s) groundwater Encountered 1 ft. 2 ft. 3 ft.

WELL'S STATIC WATER LEVEL **30** FT. BELOW LAND SURFACE MEASURED ON **10/16/1992**

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 **12** in. to **80** ft., and in. to ft.

WELL WATER TO BE USED AS:

1 Domestic	3 Feedlot	6 Oil field water supply	8 Air conditioning	11 Injection well
2 Irrigation	4 Industrial	7 Lawn and garden only	9 Dewatering	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 CASING USED:

1 Steel	3 RMP (SR)	5 Wrought Iron	8 Concrete tile	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (Specify below)	Welded
		7 Fiberglass	<b>SDR-26</b>	Threaded

Blank casing Diameter **5** in. to **30** ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface **12** in., weight **2.35** lbs./ft. Wall thickness or gauge No. **.214**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless Steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement	11 other (specify)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	12 None used (open hole)	

SCREEN OR PERFORATION OPENING 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-PERFORATION INTERVALS: from **30** ft. to **80** ft., From ft. to ft.

GRAVEL PACK INTERVALS: from **24** ft. to **80** ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From **4** ft. to **24** 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 Abandon 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	<b>None Apparent</b>

Direction form well?		LITHOLOGIC LOG		How many feet?		PLUGGING INTERVALS	
FROM	TO			FROM	TO		
0	3	topsoil					
3	22	clay					
22	31	fine sand					
31	35	medium sand					
35	80	grey shale					

RECEIVED

MAY 07 1993

BUREAU OF WATER

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) **10/16/1992** 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) **04/06/93**

Under the business name of **Harp Well & Pump Service, Inc.** by (signature) *Jane Grederick*

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