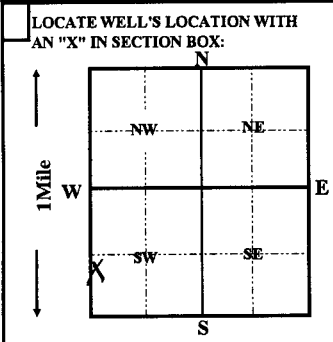


1	LOCATION OF WATER WELL: <b>Cowley</b>	FRACTION <b>NW 1/4 SW 1/4 SW 1/4</b>	Section Number <b>11</b>	Township Number <b>T 31 S</b>	Range Number <b>R 3E E/W</b>
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Distance and direction from nearest town or city street address of well if located within city?

**3 1/2 m. E., 1 1/2 m. S., 1/8 m E., Cowley County**

WATER WELL OWNER: <b>TERREL, Kermit</b>	Board of Agriculture, Division of Water Resource Application Number:
RR#, ST. ADDRESS, BOX #: <b>Box 68 RR #3</b>	
CITY, STATE, ZIP CODE: <b>Udall, Kansas</b>	



4	DEPTH OF COMPLETED WELL	<b>106</b>	ft.	ELEVATION:
	Depth(s) groundwater Encountered	<b>1</b>	ft.	<b>2</b> ft. <b>3</b> ft.
	WELL'S STATIC WATER LEVEL	<b>50</b>	FT. BELOW LAND SURFACE MEASURED ON	<b>11/19/1998</b>
	Pump test data:	Well water was	ft. after	hours pumping
	Est. Yield	gpm: Well water was	ft. after	hours pumping
	Bore Hole Diameter	<b>12</b>	in. to <b>106</b>	ft. and in. to ft.
	WELL WATER TO BE USED AS:	<b>5</b> Public water supply	<b>8</b> Air conditioning	<b>11</b> Injection well
		<b>1</b> Domestic	<b>3</b> Feedlot	<b>6</b> Oil field water supply
		<b>2</b> Irrigation	<b>4</b> Industrial	<b>7</b> Lawn and garden only
			<b>9</b> Dewatering	<b>12</b> Other (Specify below)
			<b>10</b> Monitoring well	
	Was a chemical/bacteriological sample submitted to Department? Yes			No <b>X</b> ; If yes, mo/day/yr sample was submitted
	Water Well Disinfected?	Yes <b>X</b>	No	

5	TYPE OF CASING USED:	<b>5</b> Wrought iron	<b>8</b> Concrete tile	CASING JOINTS:	Glued <b>X</b> Clamped
	<b>1</b> Steel	<b>3</b> RMP (SR)	<b>6</b> Asbestos-Cement	<b>9</b> Other (Specify below)	Welded
	<b>2</b> PVC	<b>4</b> ABS	<b>7</b> Fiberglass	<b>SDR-26</b>	Threaded
	Blank casing Diameter	<b>5</b> in. to <b>50</b>	ft., Dia	in. to ft., Dia	in. to ft.
	Casing height above land surface	<b>12</b> in.,	weight <b>2.35</b>	lbs. / ft.	Wall thickness or gauge No. <b>.214</b>
	TYPE OF SCREEN OR PERFORATION MATERIAL:	<b>7</b> PVC	<b>10</b> Asbestos-cement		
	<b>1</b> Steel	<b>3</b> Stainless Steel	<b>5</b> Fiberglass	<b>8</b> RMP (SR)	<b>11</b> other (specify)
	<b>2</b> Brass	<b>4</b> Galvanized steel	<b>6</b> Concrete tile	<b>9</b> ABS	<b>12</b> None used (open hole)
	SCREEN OR PERFORATION OPENING ARE:	<b>5</b> Gauzed wrapped	<b>8</b> Saw cut	<b>11</b> None (open hole)	
	<b>1</b> Continous slot	<b>3</b> Mill slot	<b>6</b> Wire wrapped	<b>9</b> Drilled holes	
	<b>2</b> Louvered shutter	<b>4</b> Key punched	<b>7</b> Torch cut	<b>10</b> Other (specify)	
	SCREEN-PERFORATION INTERVALS:	from <b>50</b>	ft. to <b>106</b>	ft., From	ft. to ft.
		from	ft. to	ft., From	ft. to ft.
	GRAVEL PACK INTERVALS:	from <b>24</b>	ft. to <b>106</b>	ft., From	ft. to ft.
		from	ft. to	ft., From	ft. to ft.

6	GROUT MATERIAL:	<b>1</b> Neat cement	<b>2</b> Cement grout	<b>3</b> Bentonite	<b>4</b> Other
	Grout Intervals: From <b>4</b>	ft. to <b>24</b>	ft. From	ft. to	ft. From
	ft. to	ft.	ft.	ft.	ft.
	What is the nearest source of possible contamination:	<b>10</b> Livestock pens	<b>14</b> Abandon water well		
	<b>1</b> Septic tank	<b>4</b> Lateral lines	<b>7</b> Pit privy	<b>11</b> Fuel storage	<b>15</b> Oil well/Gas well
	<b>2</b> Sewer lines	<b>5</b> Cess pool	<b>8</b> Sewage lagoon	<b>12</b> Fertilizer storage	<b>16</b> Other (specify below)
	<b>3</b> Watertight sewer lines	<b>6</b> Seepage pit	<b>9</b> Feedyard	<b>13</b> Insecticide storage	<b>None Apparent</b>
	Direction from well?	How many feet?			

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<b>0</b>	<b>3</b>	<b>topsoil</b>			
<b>3</b>	<b>6</b>	<b>clay</b>			
<b>6</b>	<b>25</b>	<b>limestone boulders</b>			
<b>25</b>	<b>75</b>	<b>grey shale</b>			
<b>75</b>	<b>106</b>	<b>red shale</b>			

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) 11/19/1998 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) 11/20/98 Under the business name of Harp Well & Pump by (signature) Todd S. Harp