

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: Ellis	Fraction ¼ NW ¼ NW ¼ NW ¼	Section Number 7	Township No. T 14 S	Range Number R 17 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input checked="" type="checkbox"/> .		<b>Global Positioning System (GPS) information:</b> Latitude: ..... (in decimal degrees) Longitude: ..... (in decimal degrees) Elevation: ..... Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model: .....) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
<b>2 WATER WELL OWNER:</b> Esca Services, LLC RR#, Street Address, Box #: 1942 HWY 40 City, State, ZIP Code : HAYS, KS 67601				

<p><b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> N</p> <div style="text-align: center;"> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="width: 20px;">W</td> <td style="width: 40px; text-align: center;">NW</td> <td style="width: 40px; text-align: center;">NE</td> <td style="width: 20px;">E</td> </tr> <tr> <td></td> <td style="text-align: center;">X</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">SW</td> <td style="text-align: center;">SE</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">S</td> <td></td> <td></td> </tr> </table> <p>-----1 mile-----</p> </div>	W	NW	NE	E		X				SW	SE			S			<p><b>4 DEPTH OF COMPLETED WELL</b> 360 ..... ft.                  Depth(s) Groundwater Encountered (1) 310 ..... ft. (2) ..... ft. (3) ..... ft.                  WELL'S STATIC WATER LEVEL 175 ..... ft. below land surface measured on mo/day/yr. 1-17-14 .....                  Pump test data: Well water was 175 ..... ft. after 4 ..... hours pumping 60 ..... gpm                  EST. YIELD 60 ..... gpm. Well water was ..... ft. after ..... hours pumping ..... gpm                  Bore Hole Diameter 10 ..... in. to 360 ..... ft., and ..... in. to ..... ft.                  WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well  <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below)  <input type="checkbox"/> Irrigation <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn &amp; garden <input type="checkbox"/> Monitoring well .....                  Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                  If yes, mo/day/yr sample was submitted .....                  Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
W	NW	NE	E														
	X																
	SW	SE															
	S																

**5 TYPE OF CASING USED:**  Steel  PVC  Other .....  
**CASING JOINTS:**  Glued  Clamped  Welded  Threaded  
 Casing diameter 10 ..... in. to 60 ..... ft., Diameter 5 ..... in. to 360 ..... ft., Diameter ..... in. to ..... ft.  
 Casing height above land surface 24 ..... in., Weight 3.53 ..... lbs./ft., Wall thickness or gauge No. 17 .....  
**TYPE OF SCREEN OR PERFORATION MATERIAL:**  
 Steel  Stainless Steel  PVC  Other (Specify) .....  
 Brass  Galvanized Steel  None used (open hole)  
**SCREEN OR PERFORATION OPENINGS ARE:**  
 Continuous slot  Mill slot  Gauze wrapped  Torch cut  Drilled holes  None (open hole)  
 Louvered shutter  Key punched  Wire wrapped  Saw cut  Other (specify) .....  
**SCREEN-PERFORATED INTERVALS:** From 360 ..... ft. to 320 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
**GRAVEL PACK INTERVALS:** From 360 ..... ft. to 100 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**6 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....  
 Grout Intervals: From 100 ..... ft. to 0 ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 What is the nearest source of possible contamination:  
 Septic tank  Lateral lines  Pit privy  Livestock pens  Insecticide storage  Other (specify below)  
 Sewer lines  Cesspool  Sewage lagoon  Fuel storage  Abandoned water well  
 Watertight sewer lines  Seepage pit  Feedyard  Fertilizer storage  Oil well/gas well .....  
 Direction from well ..... Distance from well .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Top soil	319	360	Sandrock
3	18	Gumbo clay			
18	36	Sand			
36	170	Shale			
170	180	Shale & rock			
180	298	Dakota clay			
298	300	Sandrock			
300	309	Clay			
309	313	Sandrock			
313	319	Clay			

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo/day/year) 01/15/14 ..... and this record is true to the best of my knowledge and belief.  
 Kansas Water Well Contractor's License No. 0199 ..... This Water Well Record was completed on (mo/day/year) 2/4/14 .....  
 under the business name of Karst Water Well Drilling & Service, Inc. .... by (signature) *[Signature]*

**INSTRUCTIONS:** Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send one copy to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>