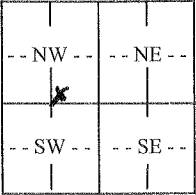


**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: <b>MARSHALL</b>	Fraction <b>SW 1/4 SW 1/4 NW 1/4 1/4</b>	Section Number <b>12</b>	Township No. <b>T 5 S</b>	Range Number <b>R 8</b> <input checked="" type="checkbox"/> <b>E</b> <input type="checkbox"/> <b>W</b>
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> <b>3/4 WEST OF THE INTERSECTION OF ZODIAC ROAD &amp; APACHE LANE OR 4 1/2 SOUTHWEST OF FRANKFORT</b>		Global Positioning System (GPS) information: 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		
<b>2 WATER WELL OWNER: JUSTIN ARMSTRONG</b> RR#, Street Address, Box #: <b>3055 19TH ROAD</b> City, State, ZIP Code : <b>FRANKFORT, KS 66427</b>		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>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> N  W E S -----1 mile-----	<b>4 DEPTH OF COMPLETED WELL</b> ..... <b>100</b> ..... ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL... <b>60</b> .....ft. below land surface measured on mo/day/yr. <b>2/29/12</b> Pump test data: Well water was .....ft. after ..... hours pumping ..... gpm EST. YIELD.. <b>1.5</b> gpm. Well water was .....ft. after ..... hours pumping ..... gpm Bore Hole Diameter ..... <b>8</b> .....in. to ..... <b>100</b> .....ft., and ..... <b>6</b> .....in. to ..... <b>160</b> .....ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input checked="" 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 type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & 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
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**5 TYPE OF CASING USED:**  Steel  PVC  Other .....

CASING JOINTS:  Glued  Clamped  Welded  Threaded  
Casing diameter ..... **5** ..... in. to ..... **60** ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface..... **1.8** ..... in., Weight **200** .....lbs./ft., Wall thickness or gauge No. .... **258** .....

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..... **60** ..... ft. to ..... **100** ..... ft., From ..... ft. to ..... ft.  
From..... ft. to ..... ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From..... **30** ..... 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 ..... **5** ..... ft. to ..... **30** ..... 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 ..... **NONE PRESENT** ..... Distance from well .....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	8	BROWN CLAY	60	64	LIMESTONE
8	12	YELLOW SHALE	64	84	DARK GRAY SHALE
12	13	LIMESTONE	84	91	LIGHT GRAY SHALE
13	18	TAN SHALE	91	106	RED SHALE
18	30	RED SHALE	106	115	LIMESTONE
30	34	LIMESTONE	115	124	BLACK SHALE
34	39	LIGHT GRAY SHALE	124	156	LIGHT GRAY SHALE
39	45	RED SHALE	156	161	GYPSON
45	55	LIMESTONE & SHALE			
55	60	LIGHT GRAY SHALE			

**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) **2/29/12** and this record is true to the best of my knowledge and belief.  
Kansas Water Well Contractor's License No. **518** This Water Well Record was completed on (mo/day/year) **3/10/12** under the business name of **BLUE VALLEY DRILLING INC.** by (signature) *Justin Armstrong*

**INSTRUCTIONS:** Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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>.