

**WATER WELL RECORD** Well #2 **Form WWC-5**

Division of Water Resources App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: Rice	Fraction NE ¼ SW ¼ SW ¼ SE ¼	Section Number 14	Township No. T 18 S	Range Number R 7 <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 type="checkbox"/> 3 miles south and 5 miles east of Genesco, KS		<b>Global Positioning System (GPS) information:</b> Latitude: 38° 28' 47.5" (in decimal degrees) Longitude: 098° 03' 30.3" (in decimal degrees) Elevation: 1704' Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: <u>Garmin</u> ) <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> Zenith Project RR#, Street Address, Box #: 320 NE 14th St. City, State, ZIP Code : Abilene, KS67410				

<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> <div style="text-align: center;"> </div>	<b>4 DEPTH OF COMPLETED WELL</b> 107 ft. Depth(s) Groundwater Encountered (1) 60 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 60 ft. below land surface measured on mo/day/yr. 09/20/11 Pump test data: Well water was 90 ft. after 2 hours pumping 7 gpm EST. YIELD 7 gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 12 in. to 107 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 checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**5 TYPE OF CASING USED:**  Steel  PVC  Other

CASING JOINTS:  Glued  Clamped  Welded  Threaded

Casing diameter .6 in. to .67 ft., Diameter in. to ft., Diameter in. to ft.  
 Casing height above land surface 24 in., Weight lbs./ft., Wall thickness or gauge No.

**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 67 ft. to 107 ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.

**GRAVEL PACK INTERVALS:** From 64 ft. to 107 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 0 ft. to 64 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 East Distance from well 400

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		See attached			

**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) 09/20/2011 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 755. This Water Well Record was completed on (mo/day/year) 02/10/2012 under the business name of Sargent Drilling 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 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>.

**Sargent Drilling**  
**INDUSTRIAL ENGINEERING**  
 COMPLETE MUNICIPAL AND INDUSTRIAL  
 WELL AND PUMP SERVICE

PO Box 367  
 Geneva, NE 68361-0367

846 South 13<sup>th</sup> St.

Phone: (402) 759-3902  
 1-888-496-3902

**TEST HOLE LOG**

CUSTOMER: Zenith Project	
WELL ID: Stock Well #2	
LOCATION: NE ¼ SE ¼ SW ¼ SE ¼, 14-T18S-R7W, Rice Co., KS	
LATITUDE: 38° 28' 47.5"	
LONGITUDE: 098° 3' 30.3"	
ELEVATION: 1704'	
FOOTAGES: 534 feet from the south section line and 1448 feet from the East section line.	
DATE: 9-20-11	DRILLED BY: Scott, Blue, Trevor and Larry K.

SWL: 60'  
 PWL: 90'  
 GPM: 7-8

<u>from feet</u>	<u>- to feet</u>	
0	5	Topsoil and brown clay
5	7	Sandstone
7	20	White and tan shale with iron pyrite
20	34	White, tan and gray clay with sandstone strips
34	40	Sandstone with white shale
40	49	Fine sandstone with white and tan clay
49	60	Gray shale with iron pyrite strips
60	80	Gray shale with fine sandstone strip
80	83	Fine sandstone
83	100	Gray shale with fine sandstone
100	117	Gray shale with hard shale layers
117	119	Hard limestone
119	120	Black shale
120	140	Gray shale with hard rock strip
140	160	Gray shale with hard shale spots
160	180	Gray shale with black shale strip and hard shale spots
180	200	Gray shale with hard shale and rock spots

Well Depth: 107'  
Bore Hole Dia: 12"

Plain casing: 67' of 6"  
Perf. casing: 40' of 6" slot size: .020"

Gravel pack from 64' to 107'  
Bentonite from 0' to 64'

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