

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.  

<b>1 LOCATION OF WATER WELL:</b> County: <b>NORTON</b>	Fraction NW ¼    ¼    ¼    ¼	Section Number <b>11</b>	Township No. T <b>2</b> S	Range Number R <b>24</b> <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"/> <b>4.2 MILES NORTH OF NORTON, KS ON HWY 283, WEST ON ROAD H 5.6</b>		<b>Global Positioning System (GPS) information:</b> Latitude: <b>39.54' 0.03" N</b> (in decimal degrees) Longitude: <b>99.59' 42.40" W</b> (in decimal degrees) Elevation: <b>2514 FT</b> Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" 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> <b>SCHULZE FARMS LLC</b> RR#, Street Address, Box #: <b>15290 ROBINSON CREEK LANE</b> City, State, ZIP Code : <b>NORTON, KS 67654</b>				

<p><b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b></p> <div style="text-align: center;"> </div>	<p><b>4 DEPTH OF COMPLETED WELL 225</b> ft.</p> <p>Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.</p> <p>WELL'S STATIC WATER LEVEL <b>138</b> ft. below land surface measured on mo/day/yr. <b>5/12/14</b></p> <p>Pump test data: Well water was <b>172</b> ft. after <b>1</b> hours pumping, <b>101</b> gpm</p> <p>EST. YIELD <b>194</b> gpm. Well water was <b>225</b> ft. after <b>3</b> hours pumping, <b>175</b> gpm</p> <p>Bore Hole Diameter <b>28</b> in. to <b>225</b> ft., and ..... in. to ..... ft.</p> <p>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 checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn &amp; garden <input type="checkbox"/> Monitoring well</p> <p>Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, mo/day/yr sample was submitted.....</p> <p>Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
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**5 TYPE OF CASING USED:**  Steel  PVC  Other

CASING JOINTS:  Glued  Clamped  Welded  Threaded

Casing diameter **16** in. to **145** ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.

Casing height above land surface **10** in., Weight ..... lbs./ft., Wall thickness or gauge No. **50**

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 **145** ft. to **225** ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From **20** ft. to **225** ft., From ..... ft. to ..... ft.

**6 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other

Grout Intervals: From **0** ft. to **20** 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 **SOUTH** Distance from well **1800 FT.**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		<b>WELL LOG INCLUDED</b>			

**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) **05/07/2014** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **748**. This Water Well Record was completed on (mo/day/year) **6/2/14** under the business name of **DOWNEY DRILLING, INC.** by (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>

# well log



CUSTOMER NAME: SCHULZE FARMS, LLC

LEGAL: NW/NE/NW 11-2S-24W

COUNTY: NORTON, KANSAS

GPS: 39 54' 0.03456" N

99 59' 42.40290" W

DATE: 10/17/2013

FROM	TO	TYPE	HARDNESS	COLOR	OTHER/DRILLING ACTION
0	4	TOPSOIL	SOFT	DARK	SMOOTH
4	14	LOESS	SOFT	LIGHT BROWN	SMOOTH
14	30	CLAY	SOFT	LIGHT BROWN	SMOOTH
30	65	CLAY AND VERY FINE SAND STRIPS	SOFT	LIGHT BROWN	SMOOTH
65	75	CLAY AND MEDIUM SAND STRIPS	SOFT	LIGHT BROWN	SMOOTH
75	79	FINE SAND	SOFT	BROWN	SLIGHT CLATTER
79	82	CLAY	SOFT	LIGHT BROWN	SMOOTH
82	90	SANDSTONE, CALICHE, AND MEDIUM SAND	FIRMER	BROWN	SLIGHTLY ROUGH / SLIGHT CLATTER
90	96	SANDY CLAY AND CEMENTED SAND LAYERS	FIRM	LIGHT BROWN	SMOOTH
96	100	SANDSTONE AND FINE SAND	SOFTER	BROWN	SOME CLATTER
100	102	CALICHE	HARDNESS	LIGHT BROWN	PULL DOWN
102	104	SANDSTONE, SAND, AND CALICHE STRIPS	SOFTER	BROWN	SLIGHT CLATTER
104	112	CLAY WITH FINE SAND LAYERS	SOFTER	LIGHT BROWN	SMOOTH
112	116	FINE SAND	SOFTER	BROWN	SLIGHT CLATTER
116	122	CALICHE AND FINE-MEDIUM SAND	FIRMER	BROWN	PULL DOWN
122	123	CALICHE	HARD	BROWN	PULL DOWN
123	125	SANDSTONE, SAND, AND CALICHE STRIPS	FIRMER	BROWN	PULL DOWN
125	132	SANDSTONE AND MEDIUM SAND	SOFTER	BROWN	SOME CLATTER
132	133	CLAY	SOFTER	BROWN	SMOOTH
133	141	SANDSTONE AND MEDIUM SAND	SOFTER	BROWN	CLATTERING
141	142	FINE-MEDIUM SAND AND SANDSTONE	SOFTER	BROWN	CLATTERING
142	165	COURSE SAND, FINE GRAVEL, AND THIN CLAY STRIPS	SOFTER	BROWN	CLATTERING
165	175	MEDIUM-COURSE SAND, FINE GRAVEL, AND CLAY STRIPS	SOFTER	BROWN	CLATTERING
175	176	CLAY	FIRMER	BROWN	SMOOTH
176	180	SANDSTONE	SOFTER	BROWN	CLATTERING
180	195	FINE-MEDIUM SAND AND THIN CLAY STRIPS	SOFTER	BROWN	CLATTERING
195	209	MEDIUM SAND AND COURSE SAND	SOFTER	BROWN	CLATTERING
209	210	OCHRE	VERY HARD	YELLOW / ORANGE	PULL DOWN
210	225	OCHRE	FIRM	YELLOW / ORANGE	SMOOTH