

WATER WELL RECORD Form WWC-5 1173973

Original Record Correction Change in Well Use

Division of Water Resources App. No. _____ Well ID _____

1 LOCATION OF WATER WELL: County: _____	Fraction 1/4 1/4 1/4 1/4	Section Number	Township Number T S	Range Number R <input type="checkbox"/> E <input type="checkbox"/> W
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2 WELL OWNER: Last Name: _____ First: _____ Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here:

Business: _____
 Address: _____
 Address: _____
 City: _____ State: _____ ZIP: _____

<p>3 LOCATE WELL WITH "X" IN SECTION BOX: N</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <table style="width:100%; border-collapse: collapse;"> <tr><td style="width:33%;">NW</td><td style="width:33%; text-align: center;">X</td><td style="width:33%;">NE</td></tr> <tr><td style="border-left: 1px solid black; border-right: 1px solid black;">W</td><td style="border-left: 1px solid black; border-right: 1px solid black;">E</td><td></td></tr> <tr><td style="width:33%;">SW</td><td style="width:33%;">SE</td><td></td></tr> </table> <p style="text-align: center;">S -----1 mile----- </p> </div>	NW	X	NE	W	E		SW	SE		<p>4 DEPTH OF COMPLETED WELL: ft. Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> above land surface, measured on (mo-day-yr)..... Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield:gpm Bore Hole Diameter: in. to ft. and in. to ft.</p>	<p>5 Latitude:(decimal degrees) Longitude:(decimal degrees) Datum: <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:</p> <hr/> <p>6 Elevation:ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other</p>
NW	X	NE									
W	E										
SW	SE										

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input type="checkbox"/> Oil Field Water Supply: lease
6. <input type="checkbox"/> Dewatering: how many wells?	7. <input type="checkbox"/> Aquifer Recharge: well ID	11. Test Hole: well ID
8. <input type="checkbox"/> Monitoring: well ID	9. Environmental Remediation: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	12. Geothermal: how many bores?
		a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
		b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
		13. <input type="checkbox"/> Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted:

Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded

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

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify)
 Brass Galvanized Steel Concrete tile None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify)
 Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole)

SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From ft. to ft., From ft. to ft., From ft. to ft.

Nearest source of possible contamination:

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well
<input type="checkbox"/> Other (Specify)				

Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
					Notes:

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo-day-year) under the business name of

Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

Form	WWC5
Contractor	Woofter Pump & Well, Inc.
Well Owner	Leland Zeigler
Doc ID	1173973

Litholgy

From	To	LithologicLog
0	7	surface
7	35	loess
35	41	clay
41	50	med sand & gravel
50	59	caliche w/fine sand strks
59	65	clay w/sand
65	72	clay
72	82	sand & gravel
82	88	clay w/cemented sand
88	90	caliche
90	102	clay w/sand strk
102	110	clay
110	130	fine & med sand
130	140	clay w/strks of sand
140	155	clay
155	175	fine & med sand w/gravel
175	182	fine sand w/strks of clay
182	191	fine sand
191	200	fine sand w/gravel
200	217	fine & med sand w/gravel
217	223	yellow ochre
223	225	black shale



Murfin Drilling Company, Inc.
250 N. Water Suite #300
Wichita Kansas 67202
(316) 267-3241

WATER WELL

I Leland Ziegler hereby after this date 1-17 2014
Or (after Murfin Rig # 16 moves off (well name) Ziegler 1-30
Sec. 30 T. 9 R. 27. County Sheridan St. KS
Takes all and full responsibilities of water well drilled on lease.

Drilled for the purpose of supplying Murfin Rig # 16 with water to drill
Above said lease.

SIGNED: Leland Ziegler
LAND OWNER

SIGNED: [Signature]
MDC REPRESENTATIVE

RECEIVED
JAN 27 2014
BUREAU OF WATER

WATER RESOURCES
RECEIVED
JAN 23 2014
KS DEPT OF AGRICULTURE