

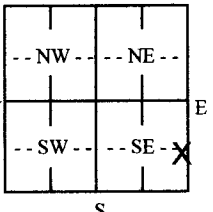
**WATER WELL RECORD Form WWC-5**

Original Record  Correction  Change in Well Use

Division of Water Resources App. No.  Well ID

<b>1 LOCATION OF WATER WELL:</b> County: <b>Hodgeman</b>	Fraction NE 1/4 NE 1/4 SE 1/4 SE 1/4	Section Number <b>32</b>	Township Number T <b>22</b> S	Range Number R <b>25</b> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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<b>2 WELL OWNER:</b> Last Name: <b>Ravenstein</b> First: <b>Mark</b> Business: Address: <b>21993 zmw 208 Rd</b> Address: City: <b>Jetmore</b> State: <b>KS</b> ZIP: <b>67854</b>	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: <input checked="" type="checkbox"/>
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<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N  W S ----- 1 mile -----	<b>4 DEPTH OF COMPLETED WELL:</b> <b>525</b> ft. Depth(s) Groundwater Encountered: 1) <b>360</b> ft. 2) <b>400</b> ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: <b>291</b> ft. <input checked="" type="checkbox"/> below land surface, measured on (mo-day-yr) <b>04/23/2014</b> <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: <b>45</b> gpm Bore Hole Diameter: <b>9</b> in. to <b>525</b> ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> <b>38.09080</b> (decimal degrees) <b>Longitude:</b> <b>100.08227</b> (decimal degrees) Datum: <input checked="" type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 <b>Source for Latitude/Longitude:</b> <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: .....
		<b>6 Elevation:</b> <b>2500</b> ft. <input checked="" type="checkbox"/> Ground Level <input type="checkbox"/> TOC <b>Source:</b> <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input checked="" type="checkbox"/> Other <b>KOLAR</b>

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input checked="" type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID .....	10. <input type="checkbox"/> Oil Field Water Supply: lease .....
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells? .....	11. Test Hole: well ID .....
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID .....	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input type="checkbox"/> Monitoring: well ID .....	12. Geothermal: how many bores? .....
	9. Environmental Remediation: well ID .....	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	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 **5** in. to **525** ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface **12** in. Weight ..... lbs./ft. Wall thickness or gauge No. **SDR 17**

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 **380** ft. to **520** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
GRAVEL PACK INTERVALS: From **20** ft. to **525** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....

Grout Intervals: From **5** ft. to **20** ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

Nearest source of possible contamination:  
 Septic Tank  Lateral Lines  Pit Privy  Livestock Pens  Insecticide Storage  
 Sewer Lines  Cess Pool  Sewage Lagoon  Fuel Storage  Abandoned Water Well  
 Watertight Sewer Lines  Seepage Pit  Feedyard  Fertilizer Storage  Oil Well/Gas Well  
 Other (Specify) .....

Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	20	Top Soil, Fine Med Sand	520	560	Gray Sandstone with Red/Gray Clay Streak
20	40	White Clay Caliche, Rock Layer			
40	60	Yellow / Tan Clay			
60	70	Yellow Clay			
70	300	Blue Shale			
300	340	Blue Clay			
340	360	Blue Gray Clay			
360	400	Gray Clay with Sandstone Layers			
400	520	Gray Sandstone with Gray Clay Streaks			

**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) **04/23/2014** ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **846** ..... This Water Well Record was completed on (mo-day-year) **06/04/2014** ..... under the business name of **Nash Water Well Service, LLC** .....