

**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources; App. No.  

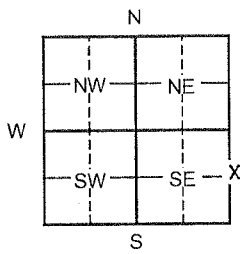
<b>1 LOCATION OF WATER WELL:</b> County: <b>Nemaha</b>	Fraction <b>SE ¼ NE ¼ SE ¼</b>	Section Number <b>1</b>	Township Number <b>T 02 S</b>	Range Number <b>R 14 E</b>
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Distance and direction from nearest town or city street address of well if located within city? ~40' N of 105 S Highway 75, Sabetha KS

**Global Positioning System** (decimal degrees, min. of 4 digits)  
 Latitude: N 39.89097°  
 Longitude: W 95.78363°  
 Elevation: RIM: 1309.52; TOC: 1308.76  
 Datum: NAVD88 MAD 27  
 Data Collection Method: legal survey

**2 WATER WELL OWNER:** **Casey's General Store, Inc.**  
 RR#, St. Address, Box # : One Convenience Blvd.  
 City, State, ZIP Code : Ankerey, IA 50021

**3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:**



**4 DEPTH OF COMPLETED WELL 25 ft.**

**MW8R**

Depth(s) Groundwater Encountered 1 \_\_\_\_\_ ft. 2 \_\_\_\_\_ ft. 3 \_\_\_\_\_ ft.

WELL'S STATIC WATER LEVEL 10.47 ft. below land surface measured on mo/day/yr 8/14/14

Pump test data: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

Est. Yield \_\_\_\_\_ gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well

1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)

2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No X; If yes, mo/day/yr  
 Sample was submitted \_\_\_\_\_ Water Well Disinfected? Yes \_\_\_\_\_ No X

**5 TYPE OF CASING USED:** 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded \_\_\_\_\_  
2 PVC 4 ABS 7 Fiberglass Threaded X

Blank casing diameter 2 in. to 5 ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.

Casing height below land surface 0.76 ft., Weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. \_\_\_\_\_

**TYPE OF SCREEN OR PERFORATION MATERIAL:**  
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 9 ABS 11 Other (specify) \_\_\_\_\_  
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

**SCREEN OR PERFORATION OPENINGS ARE:**  
 1 Continuous slot 3 Mill slot 5 Gauze wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) \_\_\_\_\_

**SCREEN-PERFORATED INTERVALS:** From \_\_\_\_\_ 5 ft. to \_\_\_\_\_ 25 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**GRAVEL PACK INTERVALS:** From \_\_\_\_\_ 3 ft. to \_\_\_\_\_ 25 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**6 GROUT MATERIAL:** 1 Neat cement 2 Cement grout 3 Bentonite 4 Other **Concrete: 0-1'**

Grout Intervals From 1 ft. to 3 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

What is the nearest source of possible contamination:  
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 15 Oil well/ gas well

Direction from well? SW How many feet? ~110'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	12	<b>Rocks on top; brown silty clay</b>			
12	25	<b>Light brown silty clay</b>			

**7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was 1 constructed, 2 reconstructed, or 3 plugged under my jurisdiction and was completed on (mo/day/year) 8/13/14 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 757. This Water Well Record was completed on (mo/day/year) 9/8/14 under the business name of Larsen & Associates, Inc. by (signature) \_\_\_\_\_

**INSTRUCTIONS:** Please fill in blanks or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell>.

DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

*KGS Copy*

Michael Jennings  
Environmental Remediation & Monitoring, Inc.  
PO Box 321  
Meriden, Kansas 66512

September 5, 2014

RE: Monitor Well Elevation Survey  
105 S. old Highway 75, Sabetha, Kansas

Proj. 14-00GG  
Casey's General Store #1184

Bench Mark: Square cut on Northeast corner of concrete sign base at SE corner of property.  
Elev: 1311.37 North 1012.39 West 54.07 (from SE Cor. Sec. 1-02-14E)

*Brown →*

MW-2R	rim	1309.95	North	1242.32	SE1/4,SE1/4,NE1/4,SE1/4
	top pipe	1309.67	West	53.40	Lat = 39.89058 Long = 95.78360
MW-4R	rim	1308.92	North	1160.46	NW1/4,NW1/4,SW1/4,SW1/4 (6-02-15E)
	top pipe	1308.51	East	36.79	Lat = 39.89036 Long = 95.78327
MW-8R	rim	1309.52	North	1350.13	SE1/4,SE1/4,NE1/4,SE1/4
	top pipe	1308.76	West	64.04	Lat = 39.89097 Long = 95.78363

Elevation derived from existing project.

Lat & Long derived from Sabetha 7.5 Quad Map

*NAD 27 DRL*

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

*September 5, 2014*  
Dennis L Handke RLS  
*Dennis L Handke*

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