

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

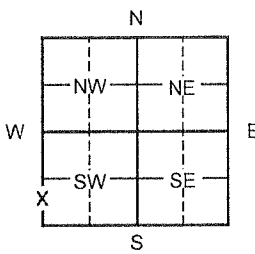
1 LOCATION OF WATER WELL: County: Brown	Fraction NW ¼ SW ¼ SW ¼	Section Number 6	Township Number T 02 S	Range Number R 15 E
--	-----------------------------------	----------------------------	----------------------------------	-------------------------------

Distance and direction from nearest town or city street address of well if located within city? ~60' E of 105 S Highway 75, Sabetha KS

Global Positioning System (decimal degrees, min. of 4 digits)
 Latitude: N 39.89036°
 Longitude: W 95.78327°
 Elevation: RIM: 1308.92; TOC: 1308.51
 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 : Ankarey, IA 50021

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



4 DEPTH OF COMPLETED WELL 25 ft.
MW4R
 Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL 9.29 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 0.28 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.
 From _____ ft. to _____ ft. From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 3 ft. to 25 ft. From _____ ft. to _____ ft.
 From _____ ft. to _____ 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? W How many feet? ~175'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2.5	Grass on top; Brown silty clay			
2.5	13	Olive gray silty clay			
13	25	Light brown silty clay			

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