

County: Republic Fraction NW SE NE NW Sec. 21 T 4 S R 4 E(W)

CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5)
(to rectify lacking or incorrect information)

Owner: United Farmers Coop

Location was listed as:

Section-Township-Range: 21-4S-4W

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): SE NE NW

Location changed to:

21-4S-4W

NW SE NE NW

Other changes: Initial statements: Cloud County

NW $\frac{1}{4}$ of Sec. 21, T4S, R4W in Cloud County

Changed to: Republic County

NW $\frac{1}{4}$ of Sec. 21, T4S, R4W in Republic County

Comments: _____

Verification method: Latitude & Longitude, KGS' "LEO" conversion tool,
legal description, well owner's address, & mapping tool &
aerial photos on KGS website. initials: DR date: 1/9/2014

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: CLOUD	Fraction $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number 21	Township No. T 4 S	Range Number R 4 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐.
 NW1/4 OF SEC. 21, T4S, R4W IN CLOUD COUNTY

2 WATER WELL OWNER: UNITED FARMERS COOP
 RR#, Street Address, Box #: 107 NELSON AVENUE
 City, State, ZIP Code : NORWAY, KS 66961

Global Positioning System (GPS) information:
 Latitude: 39.694861 (in decimal degrees)
 Longitude: 97.7745 (in decimal degrees)
 Elevation:
 Datum: ☐ WGS 84, ☒ NAD 83, ☐ NAD 27
 Collection Method:
☐ GPS unit (Make/Model:)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
 Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m

3 LOCATE WELL WITH AN "X" IN SECTION BOX:

N

NW	NE
SW	SE

 S
 |-----1 mile-----|

4 DEPTH OF COMPLETED WELL 80 ft.
 Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL..... 18 ft. below land surface measured on mo/day/yr.....
 Pump test data: Well water was.....ft. after..... hours pumping..... gpm
 EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm
 Bore Hole Diameterin. toft., andin. toft.
 WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well
☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below)
☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☐ Monitoring well
 Was a chemical/bacteriological sample submitted to Department? ☐ Yes ☐ No
 If yes, mo/day/yr sample was submitted.....
 Water well disinfected? ☐ Yes ☐ No

5 TYPE OF CASING USED: ☐ Steel ☒ PVC ☐ Other
 CASING JOINTS: ☒ Glued ☐ Clamped ☐ Welded ☐ Threaded
 Casing diameter .5..... in. to ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface..... in., Weightlbs./ft., Wall thickness or gauge No.
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 40..... ft. to 80..... ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 30..... ft. to 80..... ft., From ft. to ft.
 From ft. to 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 Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	7	TOP SOIL			
7	38	SAND			
38	60	GRAVEL			
60	64	GRAVEL WITH SMALL ROCK			
64	77	GRAVEL WITH SMALL ROCK			
77	80	CLAY			

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) 4/15/13..... and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 39227..... This Water Well Record was completed on (mo/day/year) 4/24/13.....
 under the business name of WILLIAMS DRILLING CO., INC..... by (signature) *Don Williams*

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>