

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

LOCATION OF WATER WELL: County: _____	Fraction _____ 1/4 _____ 1/4 _____ 1/4 _____ 1/4	Section _____	Township T _____ S	Range R _____ <input type="checkbox"/> E <input type="checkbox"/> W
---	---	------------------	-----------------------	--

Owner: _____

Location was listed as:

Sec. _____ T _____ S R _____ E W

Fraction: _____

Location changed to:

Sec. _____ T _____ S R _____ E W

Fraction: _____

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: _____

_____ initials: _____ date: _____

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.

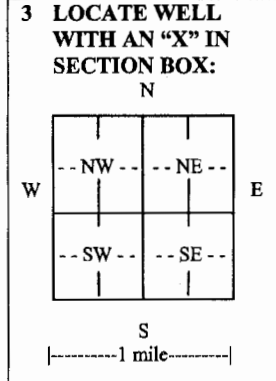
[Empty box for application number]

1 LOCATION OF WATER WELL: County: <u>Norton</u>	Fraction <u>1/4 1/4 1/4NW 1/4</u>	Section Number <u>13</u>	Township No. <u>T 2 S</u>	Range Number <u>R 25</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W
---	--------------------------------------	-----------------------------	------------------------------	--

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here W11 & I

Global Positioning System (GPS) information:
 Latitude: 39° 53' 06.55" (in decimal degrees)
 Longitude: 100° 04' 55" (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

2 WATER WELL OWNER: A & N Farms
 RR#, Street Address, Box #: 7551 Road 5
 City, State, ZIP Code : Norton, KS 67454



4 DEPTH OF COMPLETED WELL 310 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
 WELL'S STATIC WATER LEVEL 154 ft. below land surface measured on mo/day/yr. 5:21:14
 Pump test data: Well water was.....ft. after..... hours pumping..... gpm
 EST. YIELD: 150 gpm. Well water was.....ft. after..... hours pumping..... gpm
 Bore Hole Diameter 30 in. 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 110 in. to 170 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 121 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 170 ft. to 310 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 25 ft. to 150 ft., From ft. to ft.
 From 170 ft. to 310 ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 5 ft. to 25 ft., From 150 ft. to 170 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
		See attached logs			

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) and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 433. This Water Well Record was completed on (mo/day/year) 7/11/14
 under the business name of Sargent Irrigation by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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>.

Sargent Irrigation

WELL AND PUMP SERVICE

PO Box 268
Holdrege, NE 68949

825 Brewster Road

Phone: (308) 995-6143
1-800-860-2946

TEST HOLE LOG

CUSTOMER: A & N Farms / Ed Braun	DATE: 04/14/2014
WELL ID:	
LOCATION: NW ¼, 13-T2S-R25W Norton Co., KS	
LATITUDE: N 39° 53' 06.5"	
LONGITUDE: W 100° 04' 52.5"	
FOOTAGES:	
DRILLED BY: Chris	

SWL:
PWL:
GPM:

from feet - to feet

0	2	Topsoil
2	20	Sandy clay and fine sand
20	40	Sandy brown clay
40	60	Sandy clay with caliche streaks and sand streaks
60	70	Med sand with clay layers and caliche streaks
70	80	Hard caliche with sand streaks
80	91	Hard sandstone with caliche streaks
91	100	Hard sandstone with caliche streaks and few clay layers
100	110	Fine sand with hard sandstone layers and clay streaks
110	120	Hard sandstone with caliche streaks
120	140	Hard sandstone with caliche streaks
140	144	Hard sandstone
144	156	Coarse sand with clay streaks and few limestone layers
156	160	Hard siltstone
160	170	Med-coarse sand with green clay layers
170	180	Med-coarse sand
180	184	hard caliche
184	192	Med sand with clay streaks and caliche streaks
192	198	Hard caliche
198	200	Med sand
200	212	Med-coarse sand
212	220	Med-coarse sand with clay streaks and few brown siltstone layers
220	226	Caliche and clay with sand streaks
248	254	Fine-med sand
254	260	Fine-med sand with caliche and clay streaks
260	280	Med sand with caliche streaks and few clay streaks
280	286	Med coarse sand
286	300	Med coarse sand with few clay streaks
300	304	Med sand
304	310	Med sand with green and yellow clay layers
310	320	Yellow ochre and black shale