

County: Sherman Fraction SW SE NE NW Sec. 29 T 8 S R 42 E (W)

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

Owner: Frontier Ag

Location was listed as:

Location changed to:

Section-Township-Range: 8 S-42 W

29-85-42 W

Fraction (1/4 1/4 1/4): None Given

SW SE NE NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

Verification method: Latitude & Longitude, KGS' "LEO" conversion tool, and mapping tool & aerial photos on KGS website.

initials: DRJ date: 6/28/2013

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: <u>SHERMAN</u>	Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$	Section Number	Township Number T <u>8</u> S	Range Number R <u>42</u> E <u>10</u>
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Distance and direction from nearest town or city street address of well if located within city? _____

Global Positioning Systems (decimal degrees, min. of 4 digits)
 Latitude: 39.3336
 Longitude: 102.0344
 Elevation: _____
 Datum: _____
 Data Collection Method: _____

2 WATER WELL OWNER: FRONTIER AG
 RR#, St. Address, Box # : PO Box 998
 City, State, ZIP Code : GOODLAND, KS 67735

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

N	<table border="1" style="width: 100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">-- NW --</td> <td style="width: 25%; text-align: center;">-- NE --</td> </tr> <tr> <td style="width: 25%; text-align: center;">-- SW --</td> <td style="width: 25%; text-align: center;">-- SE --</td> </tr> </table>	-- NW --	-- NE --	-- SW --	-- SE --	E	S
-- NW --	-- NE --						
-- SW --	-- SE --						

4 DEPTH OF COMPLETED WELL 935 ft.

Depth(s) Groundwater Encountered (1) 165 ft. (2) ft. (3) ft.
 WELL'S STATIC WATER LEVEL 165 ft. below land surface measured on mo/day/yr 2/26/13
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 260 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 Feedlot 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; If yes, mo/day/yr
 Sample was submitted..... Water well disinfected? Yes No
HTH CertiLOCK

5 TYPE OF CASING USED:

1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped.....
<input checked="" type="radio"/> 2 PVC	4 ABS	7 Fiberglass		Welded.....
				Threaded.....

Blank casing diameter in. to ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface in., Weight lbs./ft. Wall thickness or gauge No. SCM40

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless Steel	5 Fiberglass	<input checked="" type="radio"/> 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 Gauzed wrapped	7 Torch cut	9 Drilled holes	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	<input checked="" type="radio"/> 8 Saw cut	10 Other (specify)	

SCREEN-PERFORATED INTERVALS: From 135 ft. to 235 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 40 ft. to 235 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

Grout Intervals: From ft. to 40 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: NONE IN VIEW

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? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>55</u>	<u>CLAY</u>	<u>220</u>	<u>230</u>	<u>SAND</u>
<u>55</u>	<u>60</u>	<u>SAND</u>	<u>230</u>	<u>235</u>	<u>SHALE</u>
<u>60</u>	<u>70</u>	<u>GRAVEL</u>			
<u>70</u>	<u>80</u>	<u>CLAY</u>			
<u>80</u>	<u>100</u>	<u>CLAY & SAND</u>			
<u>100</u>	<u>180</u>	<u>CLAY, SAND & GRAVEL</u>			
<u>180</u>	<u>140</u>	<u>GRAVEL</u>			
<u>140</u>	<u>160</u>	<u>CLAY & SAND</u>			
<u>160</u>	<u>200</u>	<u>HARD SAND</u>			
<u>200</u>	<u>220</u>	<u>SAND</u>			

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) 2/26/13 and this record is true to the best of my knowledge and belief.
 Kansas Water Well Contractor's License No. 484 This Water Well Record was completed on (mo/day/year) 3/7/13
 under the business name of SCHAAL DRILLING Co by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline 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/index.html>.