

County: Douglas Fraction NE NE SE SW Sec. 19 T 12 S R 20 E/W

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

Owner: ELR, LLC

Location was listed as:

Section-Township-Range: 19-12-20 E

Fraction (1/4 1/4 1/4): NW SW SE

Location changed to:

19-12-20 E

NE NE SE SW

Other changes: Initial statements: No datum recorded

Changed to: Datum established as WGS84

Comments: \_\_\_\_\_

Verification method: Latitude & longitude, wellsite address & city street map, and mapping tool on KGS website.

initials: DRP date: 2/16/2016

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 660473726  
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

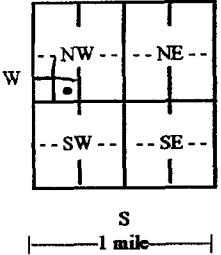
**WATER WELL RECORD**

**Form WWC-5**

Division of Water Resources App. No.

SVE-1

<b>1 LOCATION OF WATER WELL:</b> County: Douglas	Fraction NW ¼ SW ¼ SE ¼ ¼	Section Number 19	Township No. T 12 S	Range Number R 20 <input checked="" type="checkbox"/> E <input 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 <input type="checkbox"/> 1010 N. 3rd Street, Lawrence, KS		<b>Global Positioning System (GPS) information:</b> Latitude: 38.988866 (in decimal degrees) Longitude: 95.232952 (in decimal degrees) Elevation: ..... Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model: Google Earth .....) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input checked="" type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
<b>2 WATER WELL OWNER:</b> ELR, LLC RR#, Street Address, Box #: 5590 Havana Street City, State, ZIP Code : Denver, CO 80239				

<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> N 	<b>4 DEPTH OF COMPLETED WELL 15.0'</b> ..... ft. Depth(s) Groundwater Encountered (1)..... ft (2)..... ft (3)..... ft. WELL'S STATIC WATER LEVEL 7.5' ..... ft. below land surface measured on mo/day/yr. 8/21/15 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm EST. YIELD ..... gpm. Well water was ..... ft. after ..... hours pumping ..... gpm Bore Hole Diameter 8.50" in. to 15.0' ft., and ..... in. to ..... ft. WELL WATER TO BE USED AS: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input checked="" type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well <input checked="" type="checkbox"/> Vapor Ext. Well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**5 TYPE OF CASING USED:**  Steel  PVC  Other .....

CASING JOINTS:  Glued  Clamped  Welded  Threaded

Casing diameter 4.0" in. to 5.0' ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.

Casing height above land surface.. Flush in., Weight ..... lbs./ft., Wall thickness or gauge No. Sch. 40

**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 5.0' ft. to 15.0' ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**GRAVEL PACK INTERVALS:** From 3.0' ft. to 15.0' ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**6 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other Concrete .....

Grout Intervals: From 0 ft. to 1.0' ft., From 1.0' ft. to 3.0' 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 Boring Log			

**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) 07/28/2015 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 606. This Water Well Record was completed on (mo/day/year) 10/21/2015 under the business name of PSA Environmental Services, LLC by (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 785-296-5522. 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>.












































Project: Lawrence Stop 2 Shop  
 Location: 1010 N 3rd Street Lawrence, KS

Owner: CST Brands Boring No: SB-4  
 EMR Proj. No: E239-001 Monitoring Well No: (4) wells  
→ SPE-1, AS-1, VORW-1, OBW-1

Date Drilled: May 22, 2015  
 Total Depth: 15'  
 Hole Diameter: \_\_\_\_\_  
 Elev. G.L.: \_\_\_\_\_ TOC: \_\_\_\_\_  
 Water elev: Initial: \_\_\_\_\_ Static: \_\_\_\_\_

Screen Dia: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Slot Size: \_\_\_\_\_  
 Casing Dia: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Type: \_\_\_\_\_

Drilling Co: PSA  
 Method: Geoprobe  
 Driller: Rober Tieman  
 Geologist: Kaitlin Adkisson  
 Sampling Method(s): Continuous  
 Analysis Equip: MiniRae 2000

Sample Depth	Headspace (ppm)	Depth (feet)	Graph Symbol	Lithologic Description <sup>2</sup>	Observations/Remarks <sup>3</sup>																								
		2		0'-2' No Recovery	GP-6620 Drill Rig																								
		4		2'-4.5' Red Silt																									
5'	63.4	6		4.5'-5' Gray medium sand with mild odor																									
		8		5'-7' No Recovery 7'-8' Hard Red Silt																									
10'	52.4	10		8'-8.5' Moist red silt 8.5'-10' gray sand with mild odor	<table border="1"> <tr><th colspan="2">Legend</th></tr> <tr><td></td><td>Casing</td></tr> <tr><td></td><td> </td></tr> <tr><td></td><td>Screen</td></tr> <tr><td></td><td> </td></tr> <tr><td></td><td>Grout</td></tr> <tr><td></td><td> </td></tr> <tr><td></td><td>Sand</td></tr> <tr><td></td><td> </td></tr> <tr><td></td><td>Bentonite</td></tr> <tr><td></td><td> </td></tr> <tr><td></td><td>Concrete</td></tr> </table>	Legend			Casing				Screen				Grout				Sand				Bentonite				Concrete
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11'	1785.0	12		10'-12' Moist gray clay, odor																									
		14		12'-13' Grayish Red sand, medium grain, no odor																									
		16		13'-15' no recovery																									
		18																											
		20																											
		22		Total Depth = 15.0'																									
		24			 Static Water Level																								
		26																											
		28																											
		30																											

Well logged by Kaitlin Adkisson, Project Geologist  
 EMR Infrastructure and Environment, Lawrence, Kansas (785) 842-9013