

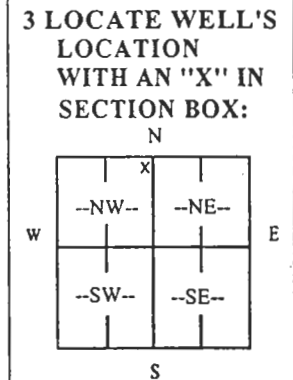
X Well# 12 Corrected Copy

**1 LOCATION OF WATER WELL:**  
 County: Norton  
 Fraction: NE 1/4 NE 1/4 NW 1/4  
 Section Number: 33  
 Township Number: T 2 S  
 Range Number: R 21 E **(W)**

Distance and direction from nearest town or city street address of well if located within city? Approximately 3 1/4 miles south and 1 mile east of Alma

**Global Positioning Systems** (decimal degrees, min. of 4 digits)  
 Latitude: 39.84171  
 Longitude: -99.694776  
 Elevation: Unknown  
 Datum: NAD83  
 Data Collection Method: WAAS GPS Unit

**2 WATER WELL OWNER:** City of Alma  
 RR#, St. Address, Box # : 415 Main Street  
 City, State, ZIP Code : Alma, KS 67622



**4 DEPTH OF COMPLETED WELL** 183 ft.

Depth(s) Groundwater Encountered (1) \_\_\_\_\_ ft. (2) \_\_\_\_\_ ft. (3) \_\_\_\_\_ ft.

**WELL'S STATIC WATER LEVEL** 108 ft. below land surface measured on mo/day/yr. 03-21-07

Pump test data: Well water was Not checked ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm

Est. Yield Unknown 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 \_\_\_\_\_

**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 \_\_\_\_\_

Blank casing diameter 8 in. to 147 ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft., Diameter \_\_\_\_\_ in. to \_\_\_\_\_ ft.

Casing height above land surface 12 in., weight 8.25 lbs./ft. Wall thickness or gauge No. 500

**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 Gauzed 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 147 ft. to 182 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**GRAVEL PACK INTERVALS:** From 137 ft. to 183 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 50% Bentonite Holeplug/50% Sand  
 Compacted Soil Bentonite Holeplug

Grout Intervals: From 0-5 ft. to 5-30 ft., From 127 ft. to 137 ft., From 30 ft. to 127 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 None known

Direction from well? \_\_\_\_\_ How many feet? \_\_\_\_\_

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	2	Topsoil			
2	17	Clay, brown			
17	22	Cemented sand, hard			
22	50	Cemented sand and sand, with clay			
50	118	Cemented sand and sand			
118	127	Clay, brown			
127	140	Cemented sand and sand, with clay			
140	170	Cemented sand and sand, soft			
170	183	Cemented sand and sand, with clay			
183	184	Clay, yellow and brown			

**CORRECTED**

**CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was **(1) constructed** **(2) reconstructed** **(3) plugged** under my jurisdiction and was completed on (mo/day/year) 03-21-07 and this record is true to the best of my knowledge and belief.

Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on (mo/day/year) 4-3-07

Under the business name of Clarke Well & Equipment, Inc. by (signature) *Clarke Well & Equipment, Inc.*

**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.