

**WATER WELL RECORD** Well #6 **Form WWC-5**

Division of Water Resources App. No.

<b>1 LOCATION OF WATER WELL:</b> County: Rawlins	Fraction NW ¼ NW ¼ NW ¼ SW ¼	Section Number 33	Township No. T 2 S	Range Number R 35 <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 <input type="checkbox"/> Intersection of Road T & Road 9 - 1/2 mile South and 1/4 mile West		<b>Global Positioning System (GPS) information:</b> Latitude: 39.50.5.8" (in decimal degrees) Longitude: 101.15.35.3" (in decimal degrees) Elevation: 3257' Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: Garmin) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m		
<b>2 WATER WELL OWNER:</b> City of Atwood RR#, Street Address, Box #: 106 South 3rd Street City, State, ZIP Code : Atwood, KS 67730				

<b>3 LOCATE WELL WITH AN "X" IN SECTION BOX:</b> <div style="text-align: center;"> </div>	<b>4 DEPTH OF COMPLETED WELL</b> 270 ft. Depth(s) Groundwater Encountered (1) 125.5 ft. (2) ft. (3) ft. WELL'S STATIC WATER LEVEL 125.5 ft. below land surface measured on mo/day/yr. 9/15/10 Pump test data: Well water was 208.5 ft. after 10 hours pumping. 300 gpm EST. YIELD 300 gpm. Well water was ft. after hours pumping gpm Bore Hole Diameter 32 in. to 270 ft., and in. to ft. WELL WATER TO BE USED AS: <input checked="" 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 type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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**5 TYPE OF CASING USED:**  Steel  PVC  Other

**CASING JOINTS:**  Glued  Clamped  Welded  Threaded

Casing diameter 16 in. to 215 ft., Diameter 16 in. to 270 ft., Diameter in. to ft.  
 Casing height above land surface 36 in., Weight 60.68 lbs./ft., Wall thickness or gauge No. 375"

**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 215 ft. to 250 ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.

**GRAVEL PACK INTERVALS:** From 182 ft. to 270 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 C-7 ft. to C-27 ft., From B-27 ft. to B-182 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 Over 1000'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		Log Attached			

**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) 9/8/10 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) 11/19/10 under the business name of Sargent Drilling Co. 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>.

# ***Sargent Drilling Co.***

**INDUSTRIAL ENGINEERING  
COMPLETE MUNICIPAL AND INDUSTRIAL  
PUMPS AND WELL SERVICE**

PO Box 627  
HC 74, Box 28

Broken Bow, Nebraska  
68822

Phone (308) 872-5125  
Fax (308) 872-3050

**TEST WELL LOG  
CITY OF ATWOOD, KS  
TEST HOLE – WELL # 6  
AUGUST 16, 2010**

**N 39° 50' 05.8" – W 101° 15' 35.3"  
Elevation 3257'**

**NW ¼, NW ¼, NW ¼, SW ¼, Section 33, Township 2 South, Range 35 West  
2263' N of South Line & 5142' W of East Line  
Rawlins County**

0	3	Topsoil
3	77	Soft Brown Clay
77	80	Stiff White Limestone
80	100	Stiff White Limestone, Soft Brown Clay, Soft Red Clay
100	114	Soft Pink Clay, Small Red Gravel
114	120	Soft Brown Clay, Stiff White Limestone
120	132	Soft Red & Pink Clay with Hard Brown Sandstone
132	136	Soft Brown Clay, Limey White Clay
136	140	Small Gravel, Coarse Sand
140	146	Small Red Gravel, Coarse Sand, Stiff Brown Sandstone
146	160	Coarse Sand, Small Red Gravel
160	180	Coarse Sand, Very Small Red Gravel with Soft White Limey Clay Traces
180	200	Very Coarse Sand, Sandstone Layers
200	211	Coarse Sand, Hard Brown Sandstone
211	218	Coarse Sand, Hard Brown Sandstone with White Limey Clay
218	220	Fine Brown Sand
220	236	Fine Sand, Small Red Gravel
236	240	Fine Sand, Small Red Gravel, Soft Brown Clay
240	256	Fine Sand, Small Red Gravel
256	260	Black and Gray Shale