

1 LOCATION OF WATER WELL: County: Rawlins	Fraction SW 1/4 SE 1/4 SE 1/4 SW 1/4	Section Number 21	Township No. T 2 S	Range Number R 35 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
Northeast Corner of Intersection - Road U & Road 9

Global Positioning System (GPS) information:
Latitude: .39.51'.27.1"..... (in decimal degrees)
Longitude: 101.15'.11.0"..... (in decimal degrees)
Elevation: 3223'.....
Datum: WGS 84, NAD 83, NAD 27
Collection Method:
 GPS unit (Make/Model: Garmin.....)
 Digital Map/Photo, Topographic Map, Land Survey
Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: City of Atwood
RR#, Street Address, Box #: 106 South 3rd Street
City, State, ZIP Code : Atwood, KS 67730

3 LOCATE WELL WITH AN "X" IN SECTION BOX:
N

W	---NW---	---NE---	E
	---SW---	---SE---	
		X	
	S		

-----1 mile-----

4 DEPTH OF COMPLETED WELL 297..... ft.
Depth(s) Groundwater Encountered (1).174..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL.....174..... ft. below land surface measured on mo/day/yr. 9/23/10.....
Pump test data: Well water was 249.5..... ft. after 5..... hours pumping 400..... gpm
EST. YIELD. 375..... gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter 32..... in. to 297..... ft., and..... in. to..... ft.
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 .16..... in. to .247..... ft., Diameter .16..... in. to 297..... 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...247..... ft. to ...282..... ft., From..... ft. to..... ft.
From..... ft. to..... ft., From..... ft. to..... ft.
GRAVEL PACK INTERVALS: From...220..... ft. to ...297..... 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-0..... ft. to C-20..... ft., From B-20..... ft. to B-220..... 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) 9/13/10..... 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) *[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 # 8
AUGUST 17, 2010

N 39° 51' 27.1" – W 101° 15' 11.0"

Elevation 3223'

SW ¼, SE ¼, SE ¼, SW ¼, Section 21, Township 2 South, Range 35 West
94' N of South Line & 3210' W of East Line
Rawlins County

0	2	Topsoil
2	80	Soft Brown Clay
80	108	Soft Brown Clay, Limey White Clay
108	120	Soft Brown Clay, Limey White Clay with Stiff Limestone Layers
120	134	Soft Brown Clay, White Limey Clay with Stiff Limestone Traces
134	140	Fine Sand, Brown and White Soft Clay, Very Small Red Gravel
140	158	Fine Sand, Small Red Gravel with Hard White Limestone Layers
158	162	Red Sandy Clay
162	167	Small Red Gravel, Hard Sandstone, Course Sand
167	180	Small Red Gravel, Fine Sand
180	194	Fine Sand, Small Red Gravel with Hard Limestone Layers
194	212	Soft Brown Clay
212	220	Soft Brown Clay, Fine Sand, Cemented Clay Layers
220	232	Red Sandy Clay, Coarse Sand
232	240	Coarse Sand, Very Small Red Gravel, Fine Sand
240	249	Coarse Sand, Very Small Red Gravel
249	260	Coarse Sand, Very Small Red Gravel w/ Cemented Sandstone Layers and White Limey Clay Traces
260	273	Coarse Sand, Soft Red and White Clay
273	280	Coarse Sand, Small Red Gravel with Cemented Clay Layers
280	284	Coarse Sand, Small Red Gravel
284	290	Hard Black Shale