WATER WELL RECORD Well	#6 Form WWC-5	Division of Wate	r Resources App. N	To		
1 LOCATION OF WATER WELL: County: Republic	Fraction NE 1/4 NE 1/4 SE 1/4 SW	Section Number 8	Township No. T 3 S	Range Number R 01 □E ☑W		
Street/Rural Address of Well Location; if unknown, distance & direction Global Positioning System (GPS) information:						
from nearest town or intersection: If at owner's address, check here . Latitude: .39° 48' 07.3"						
100' south and 400' west of intersec	in Elevation: 1599'	Elevation: 1599'				
	Cuba, KS			Datum: WGS 84, M NAD 83, NAD 27		
2 WATER WELL OWNER: City of RR#, Street Address, Box #: 313 Bai	Collection Method:	Collection Method:				
C' C TID C 1	Digital Man/Ph	☐ GPS unit (Make/Model: Garmin) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey				
Odba, 1	(S 66940	Est. Accuracy: -	<3 m, ☐ 3-5 m, ☐] 5-15 m, [] >15 m		
3 LOCATE WELL	COMPLETED WELL 215	£.				
WITH AN "X" IN 4 DEPTH OF Depth(s) Ground	dwater Encountered (1) 133	ft (2)	ft.	(3) ft.		
N WELL'S STAT	N WELL'S STATIC WATER LEVEL 133 ft below land surface measured on mo/day/vr. 11/29/11					
Pump	Pump test data: Well water was 169.6" ft. after 3 hours pumping 15 gpm					
NW NE EST. YIELD 15gpm. Well water was 1996ft. after 3 hours pumping 19						
W Bore Hole Diameter 14.5 in. to .215 ft., and in. to						
SW - X SE Domestic Feedlot Oil field water supply Dewatering Other (Specify below)						
Irrigation						
Was a chemical/bacteriological sample submitted to Department? ✓ Yes ☐ No If yes, mo/day/yr sample was submitted 01/23/2012						
S If yes, mo	ifected? Yes No					
5 TYPE OF CASING USED: Stee		1000.00.00.00.00				
CASING JOINTS: Glued Clar			•••••			
Casing diameter .6 J.D in. to .180.	ft., Diameter 6 J.D. i	n. to .209-215ft., D	Diameter	in. to ft.		
Casing height above land surface. 36	in., Weight 4.95	lbs./ft., Wall thi	ckness or gauge I	٧٥ <u>39</u> 0"		
TYPE OF SCREEN OR PERFORATION Steel Stainless Steel		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. 180 ft. to 200 ft., From ft. to ft.						
From						
GRAVEL PACK INTERVALS: From						
6 GROUT MATERIAL: Neat cement Comment grout Bentonite Other.						
Grout Intervals: From ft. t	o ft., From .3	ft. to ft.	, From	ft. toft.		
What is the nearest source of possible cont		1	t	than (anacify halayy)		
✓ Septic tank						
☐ Watertight sewer lines ☐ Scepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well						
Direction from well . East				UGGING INTERVALS		
FROM TO LITHOLOG	GIC LOG FROM	TO LITHO. L	OG (cont.) or PL	OUGING INTERVALS		
See attached						
				· · · · · · · · · · · · · · · · · · ·		
	DIG CUDENTIAL CLASS CO.	11		A4-3 - P-7 1 1		
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) .11.29.2011 and this record is true to the best of my knowledge and belief.						
Kansas Water Well Contractor's License No755 This Water Well Record was completed on (mo/day/year) .02/02/2012						
under the business name of Sargent Drilling by (signature)						
INSTRUCTIONS: Use typewriter or ball point pen. <u>PLEASE PRESS FIRMLY</u> and <u>PRINT</u> clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Depar tment of Health and E nvironment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 666 12-1367.						
Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Vi sit us at						
http://www.kdheks.gov/waterwell/index.html.		Classi- 177 11	Thita Camer TT	Phys Conv. Dieds Com		
KSA 82a-1212		Check: X W	mic copy, 🔲 E	Blue Copy, 📙 Pink Copy		

Sargent Drilling

INDUSTRIAL ENGINEERING COMPLETE MUNICIPAL AND INDUSTRIAL WELL AND PUMP SERVICE

PO Box 367 Geneva, NE 68361-0367 846 South 13th St.

Phone: (402) 759-3902

1-888-496-3902

TEST HOLE LOG

CUSTOMER: City of Cuba, KS

WELL ID: Well #6

LOCATION: NE ¼ NE ¼ SE ¼ SW ¼, 8-T3N-R1W, Republic Co., KS

LATITUDE: 39° 48' 07.3"

LONGITUDE: 097° 27' 13.5"

ELEVATION: 1599'

FOOTAGES: 1169 feet from the South section line and 2798 feet from the East section line.

DATE: 11-29-11 DRILLED BY: Scott & Rick

SWL:

PWL

from feet	- to feet	
0	15	Topsoil and tan clay with white mineral
15	19	Yellow clay
19	20	Hard brown rock
20	35	White and yellow clay with strips of limestone
35	40	Gray clay with limestone and black shale
40	56	Gray shale with thin limestone layers and black shale strips
56	60	Gray and white shale
60	80	Medium hard black and gray shale with blue shale strips
80	100	Medium hard black and gray shale with hard strips and blue shale traces
100	108	Medium black and gray shale
108	120	Gray shale
120	140	Gray shale with thin layers of limestone
140	160	Gray shale with thin layers of limestone and fine sandstone
160	167	Gray shale
167	176	White shale with black shale layer
176	196	Fine sandstone
196	200	White and gray shale and limestone strip
200	220	Shale and limestone

Well Depth: 215'

Bore Hole Dia.: 14 1/2"

Plain casing: 180' of 6" PVC Perf. casing: 20' of 6" PVC Plain casing: 15' of 6" PVC

Neat cement grout from 0' to 30' Bentonite grout from 30' to 175' Gravel pack from 175' to 215'

slot size: .032"

dh