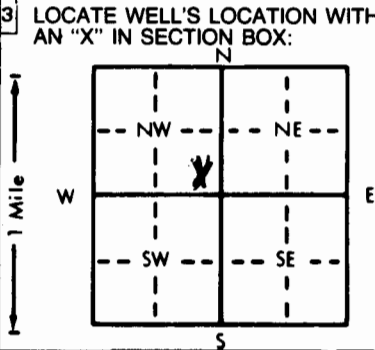


1 LOCATION OF WATER WELL: County: Seward	Fraction SE 1/4 SE 1/4 NW 1/4	Section Number 28	Township Number T 32 S	Range Number R 34 EW
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Distance and direction from nearest town or city street address of well if located within city? **From Liberal go North on Hwy 83 to Satanta cut off then go 2 mi North 5 mi West 1 1/2 mi North 1/2 mi West & North to loc.**

2 WATER WELL OWNER: **Cities Service**
 RR#, St. Address, Box # : **3545 N.W. 58th** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : **Oklahoma City, Oklahoma 73112** Application Number: **T 85-456**



4 DEPTH OF COMPLETED WELL: **385** ft. ELEVATION:

Depth(s) Groundwater Encountered 1. **170** ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL **215** ft. below land surface measured on mo/day/yr **5/22/85**.

Pump test data: Well water was ft. after hours pumping gpm

Est. Yield **75** gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter **9** in. to **385** ft., and in. to ft.

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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Observation well
		12 Other (Specify below)

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 BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued	Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded	
		7 Fiberglass		Threaded	

Blank casing diameter in. to ft., Dia in. to ft., Dia in. to ft.

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

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	11 Other (specify)
				12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes	
		7 Torch cut	10 Other (specify)	

SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout intervals: From ft. to ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	14 Abandoned water well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	16 Other (specify below)
			13 Insecticide storage	

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		Log for plugging water well			
0	4	dirt .55 cu. feet of dirt			
4	14	cement 1.36 cu. feet of cement			
14	205	sand 26.05 cu. feet of sand			
205	215	cement 1.36 cu. feet of cement			
215	385	sand 23.19 cu. feet of sand			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) **October 15, 1986** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **118**. This Water Well Record was completed on (mo/day/yr) **October 20, 1986** under the business name of **Carlile Water Well Service, Inc.** by (signature) *[Signature]*

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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.