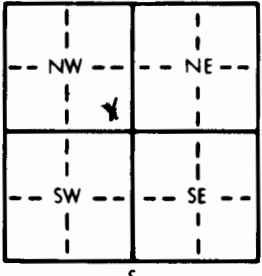


1 LOCATION OF WATER WELL: County: <b>Seward</b>	Fraction <b>SE 1/4 SE 1/4 NW 1/4</b>	Section Number <b>28</b>	Township Number <b>T 32 S</b>	Range Number <b>R 34 E/W</b>
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Distance and direction from nearest town or city street address of well if located within city? **From Liberal go North on Hwy 83 to Satanta Cut off go 2mi North 5mi West 1 1/2 MI North 1/2 mi West and North into location.**

2 WATER WELL OWNER: <b>Cities Service</b> RR#, St. Address, Box # : <b>3545 N.W. 58th Street</b> City, State, ZIP Code : <b>Okla. City, Oklahoma 73112</b>	Board of Agriculture, Division of Water Resources Application Number: <b>T 85-456</b>
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3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	4 DEPTH OF COMPLETED WELL: <b>385</b> ft. ELEVATION: Depth(s) Groundwater Encountered 1. <b>170</b> ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL <b>215</b> ft. below land surface measured on mo/day/yr <b>5/22/85</b> Pump test data: Well water was ft. after hours pumping gpm Est. Yield <b>75</b> gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter <b>9</b> in. to <b>385</b> 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 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well Was a chemical/bacteriological sample submitted to Department? Yes No; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes No
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5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 2 PVC 4 ABS	5 Wrought iron 8 Concrete tile 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass	CASING JOINTS: Glued Clamped Welded Threaded
Blank casing diameter <b>5</b> in. to <b>300</b> ft., Dia. in. to ft., Dia. in. to ft. Casing height above land surface <b>28</b> in., weight <b>2.85</b> lbs./ft. Wall thickness or gauge No. <b>265</b>	TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 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 <b>300</b> ft. to <b>385</b> ft., From ft. to ft., From ft. to ft.	
GRAVEL PACK INTERVALS: From <b>205</b> ft. to <b>385</b> ft., From ft. to ft., From ft. to ft.		

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other	Grout Intervals: From <b>0</b> ft. to <b>10</b> 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? <b>Northeast of water well</b> How many feet? <b>100'</b>

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	24	sandy clay			
24	38	gravel			
38	83	clay			
83	92	gravel			
92	123	clay			
123	221	med. to large sand			
221	385	streaks of clay & med. to large 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) **May 22, 1985** 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) **May 30, 1985** 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T 1 R EW SEC. 1/4 1/4 1/4