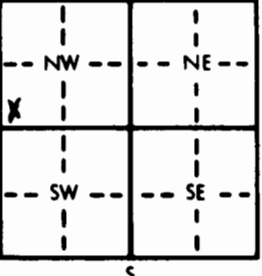


1 LOCATION OF WATER WELL: County: <u>Haskell</u>		Fraction SW 1/4 SW 1/4 NW 1/4		Section Number <u>2</u>	Township Number T <u>29</u> S	Range Number R <u>34</u> E/W																																																																														
Distance and direction from nearest town or city street address of well if located within city? <u>From Sublette go 6 mi North on Hwy 83 8 mi West on Hwy 160 1/2 mi South and East into location.</u>																																																																																				
2 WATER WELL OWNER: <u>Cities Service</u> RR#, St. Address, Box # : <u>3545 N.W. 58th Street</u> City, State, ZIP Code : <u>Oklahoma City, Oklahoma 73112</u> Board of Agriculture, Division of Water Resources Application Number: <u>T 86-37</u>																																																																																				
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL: <u>440</u> ft. ELEVATION: Depth(s) Groundwater Encountered 1. <u>125</u> ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL <u>315</u> ft. below land surface measured on mo/day/yr <u>February 3, 1986</u> Pump test data: Well water was ft. after hours pumping gpm Est. Yield <u>70</u> gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter <u>9</u> in. to <u>440</u> 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 <u>6 Oil field water supply</u> 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																																																																																		
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: <u>Glued</u> Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded Blank casing diameter <u>5 1/2</u> in. to <u>360</u> ft., Dia in. to ft., Dia in. to ft. Casing height above land surface <u>28</u> in., weight <u>2.85</u> lbs./ft. Wall thickness or gauge No. <u>265</u> TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From <u>360</u> ft. to <u>440</u> ft., From ft. to ft. From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From <u>260</u> ft. to <u>440</u> ft., From ft. to 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 <u>0</u> ft. to <u>10</u> 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? <u>Northwest of water well</u> How many feet? <u>100'</u>																																																																																				
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th><th>FROM</th><th>TO</th><th>LITHOLOGIC LOG</th></tr></thead><tbody><tr><td>0</td><td>2</td><td>surface</td><td>383</td><td>440</td><td>gravel mixed with sandy clay</td></tr><tr><td>2</td><td>48</td><td>clay</td><td></td><td></td><td></td></tr><tr><td>48</td><td>56</td><td>clay & caliche</td><td></td><td></td><td></td></tr><tr><td>56</td><td>65</td><td>40% gravel & 60% med. to large sand</td><td></td><td></td><td></td></tr><tr><td>65</td><td>112</td><td>20% clay & 80% med. to large sand</td><td></td><td></td><td></td></tr><tr><td>112</td><td>116</td><td>clay</td><td></td><td></td><td></td></tr><tr><td>116</td><td>128</td><td>gravel</td><td></td><td></td><td></td></tr><tr><td>128</td><td>163</td><td>30% clay & 70% med. to large sand</td><td></td><td></td><td></td></tr><tr><td>163</td><td>180</td><td>clay</td><td></td><td></td><td></td></tr><tr><td>180</td><td>247</td><td>25% clay & 75% gravel</td><td></td><td></td><td></td></tr><tr><td>247</td><td>349</td><td>sandy clay</td><td></td><td></td><td></td></tr><tr><td>349</td><td>383</td><td>fine sand</td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	2	surface	383	440	gravel mixed with sandy clay	2	48	clay				48	56	clay & caliche				56	65	40% gravel & 60% med. to large sand				65	112	20% clay & 80% med. to large sand				112	116	clay				116	128	gravel				128	163	30% clay & 70% med. to large sand				163	180	clay				180	247	25% clay & 75% gravel				247	349	sandy clay				349	383	fine sand			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1) constructed</u> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>February 3, 1986</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>118</u> This Water Well Record was completed on (mo/day/yr) <u>February 6, 1986</u> under the business name of <u>Carlile Water Well Service, Inc.</u> by (signature) <u>[Signature]</u> 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.																																																																																				