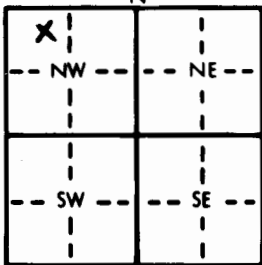
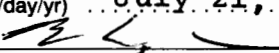


1 LOCATION OF WATER WELL: County: Haskell		Fraction NE 1/4 NW 1/4 NW 1/4		Section Number 3	Township Number T 28 S	Range Number R 34 EW																																																																		
Distance and direction from nearest town or city street address of well if located within city? West of Satanta 8 1/2 Mi North, 3 West, 5 North, 1 Mi East, 1 Mi North, 990' East, 330' South into location																																																																								
2 WATER WELL OWNER: RR#, St. Address, Box # : City, State, ZIP Code :		Cities Service 3545 N.W. 58th Street OKlahoma City, OK 73112 Board of Agriculture, Division of Water Resources Application Number: T 87-268																																																																						
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 440 ft. ELEVATION: 138 ft. Depth(s) Groundwater Encountered: 302 ft. 2. 138 ft. 3. 138 ft. WELL'S STATIC WATER LEVEL 302 ft. below land surface measured on mo/day/yr July 6, 1987 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm Est. Yield 80 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter: 9 in. to 440 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 <u>XX</u> ; If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes <u>XX</u> No																																																																						
																																																																								
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <u>X</u> Clamped _____ 2 PVC <u>X</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ Blank casing diameter 5 1/2 in. to 320 ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft. Casing height above land surface: 28 in., weight 2.85 lbs./ft. Wall thickness or gauge No. 265 TYPE OF SCREEN OR PERFORATION MATERIAL: <u>7 PVC</u> 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 <u>Saw cut</u> 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 320 ft. to 440 ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft. GRAVEL PACK INTERVALS: From 260 ft. to 440 ft., From _____ ft. to _____ ft. From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																								
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 0 3 Bentonite 20 Other <u>hole plug</u> 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 <u>15 Oil well/Gas well</u> 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below) _____ 13 Insecticide storage _____ Direction from well? 180' SW of water well How many feet? 180 feet																																																																								
<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></td><td></td><td></td></tr><tr><td>2</td><td>135</td><td>clay</td><td></td><td></td><td></td></tr><tr><td>135</td><td>157</td><td>med. to lg. sand & gravel</td><td></td><td></td><td></td></tr><tr><td>157</td><td>173</td><td>20% clay & 80% med. to large sand</td><td></td><td></td><td></td></tr><tr><td>173</td><td>206</td><td>45% clay, 25% fine sand and 35% med. sand</td><td></td><td></td><td></td></tr><tr><td>206</td><td>276</td><td>50% clay & 50% fine sand</td><td></td><td></td><td></td></tr><tr><td>276</td><td>333</td><td>med. to large sand</td><td></td><td></td><td></td></tr><tr><td>333</td><td>416</td><td>fine sand & med. sand</td><td></td><td></td><td></td></tr><tr><td>416</td><td>434</td><td>20% clay & 80% fine sand</td><td></td><td></td><td></td></tr><tr><td>434</td><td>440</td><td>clay</td><td></td><td></td><td></td></tr></tbody></table>							FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	2	surface				2	135	clay				135	157	med. to lg. sand & gravel				157	173	20% clay & 80% med. to large sand				173	206	45% clay, 25% fine sand and 35% med. sand				206	276	50% clay & 50% fine sand				276	333	med. to large sand				333	416	fine sand & med. sand				416	434	20% clay & 80% fine sand				434	440	clay			
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG																																																																			
0	2	surface																																																																						
2	135	clay																																																																						
135	157	med. to lg. sand & gravel																																																																						
157	173	20% clay & 80% med. to large sand																																																																						
173	206	45% clay, 25% fine sand and 35% med. sand																																																																						
206	276	50% clay & 50% fine sand																																																																						
276	333	med. to large sand																																																																						
333	416	fine sand & med. sand																																																																						
416	434	20% clay & 80% fine sand																																																																						
434	440	clay																																																																						
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) July 6, 1987 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) July 21, 1987 under the business name of Carlile Water Well Service, Inc. by (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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.																																																																								