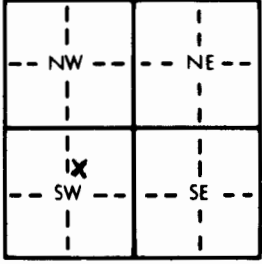


Lease Federal Lank Bank D #4 WATER WELL RECORD Form WWC-5 KSA 82a-1212				
1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number
County: Stevens		W 1/2 1/4 NE 1/4 SW 1/4	25	T 34 S
Range Number		R 35 E/W		
Distance and direction from nearest town or city street address of well if located within city? From Liberal go West on 2nd Street Road to 2nd Curve then go 3mi West 1 1/2 MI North 1/4 mi East to location.				
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 84-318	
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 280 ft. ELEVATION:		
		Depth(s) Groundwater Encountered 1. 133 ft. 2. ft. 3. ft.		
		WELL'S STATIC WATER LEVEL 147 ft. below land surface measured on mo/day/yr 6/16/84		
		Pump test data: Well water was ft. after hours pumping gpm		
		Est. Yield 60 gpm: Well water was ft. after hours pumping gpm		
		Bore Hole Diameter 9 in. to 280 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		
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 5 in. to 203 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:				
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 200 ft. to 280 ft., From ft. to ft.				
From ft. to ft., From ft. to ft.				
GRAVEL PACK INTERVALS: From 100 ft. to 280 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 0 ft. to 10 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? Northeast of water well. How many feet? 100'				
FROM		TO		LITHOLOGIC LOG
0		2		surface
2		85		clay
85		106		sandy clay
106		148		clay
148		158		sandy clay
158		172		clay
172		223		sandy clay with clay streaks
223		248		medium to large sand
248		258		sandy clay 70/30
258		265		medium to large sand
265		280		yellow 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) June 16, 1984 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) June 27, 1984 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.				