

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Grant	NE 1/4 SE 1/4 SW 1/4	16	T 28 S	R 36 E/W

Distance and direction from nearest town or city street address of well if located within city? **From Ulysses go 5 mi East on Hwy 160 3 mi North 3/8 mi East and North into location.**

2 WATER WELL OWNER: **Cities Service**
 RR#, St. Address, Box #: **3545 N.W. 58th Street**
 City, State, ZIP Code: **Oklahoma City, Oklahoma 73112**
 Board of Agriculture, Division of Water Resources
 Application Number: **T 87-264**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: **420** ft. ELEVATION: _____ ft.
 Depth(s) Groundwater Encountered 1. **160** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL **260** ft. below land surface measured on mo/day/yr **7/6/87**
 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 **420** 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: <u>Glued</u> _____ Clamped _____
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded _____
		7 Fiberglass		Threaded _____

Blank casing diameter **5 1/2** in. to **280** 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) _____
 9 ABS 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 **280** ft. to **420** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **260** ft. to **420** 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 hole plug
 Grout Intervals: From **0** ft. to **20** 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? **Southwest of water well** How many feet? **150'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	23	sandy clay			
23	48	sandy clay & caliche			
48	83	med. to large sand & gravel			
83	108	60% clay & 40% med. to large sand			
108	176	clay			
176	254	blue clay			
254	283	sandy clay			
283	306	25% clay & 45% med. to large sand & 30% gravel			
306	358	med. to large sand			
358	382	60% fine sand & 40% white sandy clay			
382	420	fine 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) **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 9, 1987** under the business name of **Carlisle Water Well Service, Inc.** by (signature) _____