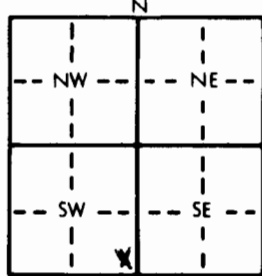


1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 SW 1/4 Section Number 23 Township Number T 32 S Range Number R 34 E/W

Distance and direction from nearest town or city street address of well if located within city? From Liberal go 10mi North on Hwy 83 to Satanta cutoff then 2mi North to blacktop 5mi West 2mi North 1 1/2mi East & North

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 : Okla. City, Oklahoma 73112 Application Number: T 85-243

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 346 ft. ELEVATION: ...
 Depth(s) Groundwater Encountered 1. 143 ft. 2. ... ft. 3. ... ft.
 WELL'S STATIC WATER LEVEL 203 ft. below land surface measured on mo/day/yr 3/18/85
 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 346 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter 5 in. to 260 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: 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 260 ft. to 346 ft., From ... ft. to ... ft.
 GRAVEL PACK INTERVALS: From 166 ft. to 346 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: 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage
 Direction from well? Northeast of water well How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	73	clay			
73	87	med. to large sand			
87	103	clay			
103	124	65% med. to large sand & 35% gravel			
124	132	clay			
132	187	75% med. to large sand 25% gravel			
187	236	25% clay & 75% gravel			
236	346	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) March 18, 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) March 21, 1985 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.

OFFICE USE ONLY T 32 R 34 E/W SEC. 23 1/4 SE 1/4 SW 1/4