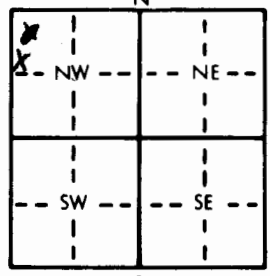


1 LOCATION OF WATER WELL: Fraction SW 1/4 NW 1/4 NW 1/4 Section Number 12 Township Number T 32 S Range Number R 34 EW  
 County: Seward

Distance and direction from nearest town or city street address of well if located within city? From Liberal go North 10mi on Hwy 83 to old Satanta cut off then go 2mi North 5mi West 4mi North 2mi East North into.

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: PT 82-608

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL... 260 ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. 142 ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL 118 ft. below land surface measured on mo/day/yr 11/24/82  
 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 260 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 180 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface 28 in., weight 2.78 lbs./ft. Wall thickness or gauge No. 256  
 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 180 ft. to 260 ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 80 ft. to 260 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? Northwest of water well. How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	18	sandy clay			
18	68	gravel			
68	84	sandy clay			
84	103	clay			
103	136	medium to large sand			
136	158	sandy clay			
158	245	medium to large sand			
245	260	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) November 24, 1982 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) November 29, 1982 under the business name of Carlile Water Well Service inc. by (signature) Edward L. Means

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

EW

SEC.

12

SW 1/4 NW 1/4 NE 1/4