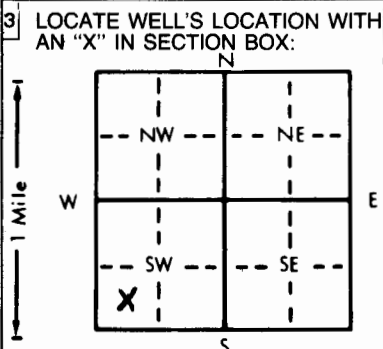


1 LOCATION OF WATER WELL: Fraction 1/4 C-SW 1/4 SW 1/4 Section Number 11 Township Number T 33 S Range Number R 34 E/W  
 County: Seward  
 Distance and direction from nearest town or city street address of well if located within city? From Liberal go 9mi North 3 1/2mi West to new tank battery 1 1/2mi North West to location.

2 WATER WELL OWNER: Hitch Land & Cattle Company Anadarko Production  
 RR#, St. Address, Box #: 101 West 4th Street Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Liberal, Kansas 67901 Application Number: T 83-309



4 DEPTH OF COMPLETED WELL... 280 ft. ELEVATION: ..... ft.  
 Depth(s) Groundwater Encountered 1. 168 ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL 112 ft. below land surface measured on mo/day/yr 8/2/83  
 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: 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 200 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 200 ft. to 280 ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 100 ft. to 280 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.  
 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	23	sandy clay			
23	45	clay			
45	85	sandy clay			
85	105	caliche			
105	170	sandy clay			
170	253	medium to large sand			
253	280	sandy 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) August 2, 1983 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) August 12, 1983 under the business name of Carlie Water Well Service, Inc. by (signature) Edward E. 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 33 R 34  
SEC. 11  
1/4 C-SW 1/4 SW 1/4