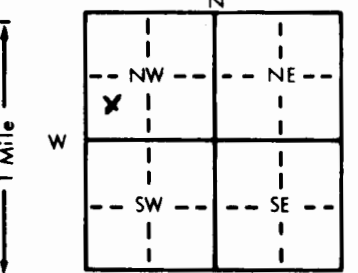


1 LOCATION OF WATER WELL: Fraction 1/4 C-SW 1/4 NW 1/4 Section Number 23 Township Number T 34 S Range Number R 32 E/W  
 County: Seward

Distance and direction from nearest town or city street address of well if located within city? From Liberal go 6mi East on Bluebell Road to Rolling Hills Road then 2mi North 1/2mi East 1/2mi North to Barn.

2 WATER WELL OWNER: John Ragland Oil Company Quinque Production  
 RR#, St. Address, Box # : 1020 N. Jordan Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Liberal, Kansas 67901 Application Number: T 82-581

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 300 ft. ELEVATION: .....ft.  
 Depth(s) Groundwater Encountered 1. 119 ft. 2. ....ft. 3. ....ft.  
 WELL'S STATIC WATER LEVEL 181 ft. below land surface measured on mo/day/yr 11/12/82  
 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 300 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 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:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify)  
 2 Brass 4 Galvanized steel 6 Concrete tile 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 200 ft. to 300 ft., From .....ft. to .....ft.  
 From .....ft. to .....ft., From .....ft. to .....ft.  
 GRAVEL PACK INTERVALS: From 120 ft. to 300 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	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	22	fine sand			
22	88	sandy clay			
88	169	fine sand			
169	173	sandy clay			
173	300	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) November 12, 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 17, 1982 under the business name of Carlile 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.