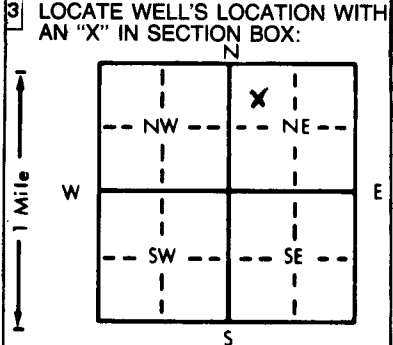


1 LOCATION OF WATER WELL: Fraction NW 1/4 NE 1/4 Section Number 3 Township Number T 33 S Range Number R 41 EW
 County: Morton

Distance and direction from nearest town or city street address of well if located within city? From Richfield go 3mi South 1mi East 1/2mi South West into location.

2 WATER WELL OWNER: Ladd Petroleum
 RR#, St. Address, Box #: c/o Ed Gianantonio Box 294
 City, State, ZIP Code: Liberal, Kansas 67901
 Board of Agriculture, Division of Water Resources
 Application Number: T 81-526



4 DEPTH OF COMPLETED WELL: 380 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. 235 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 145 ft. below land surface measured on mo/day/yr 8/4/81
 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 380 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 260 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 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) _____
 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 300 ft. to 380 ft., From _____ ft. to _____ ft.
 From 220 ft. to 240 ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 200 ft. to 380 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	148	clay			
148	183	sandy clay			
183	226	clay			
226	242	fine sand			
242	302	clay mixed with sandstone			
302	372	sandstone			
372	380	redbed			

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, 1981 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 10, 1981 under the business name of Carlile Water Well Service, Inc. by (signature) Edward G. 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.