

(Copy)

1 LOCATION OF WATER WELL
 County: Seward Fraction SW 1/4 SE 1/4 NW 1/4 Section Number 8 Township Number T 35 S Range Number R 33 X/W
 Distance and direction from nearest town or city? _____ Street address of well if located within city? 1700 South Sycamore

2 WATER WELL OWNER: City of Liberal
 RR#, St. Address, Box # : 325 North Washington Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Liberal, Kansas 67901 Application Number: 33745

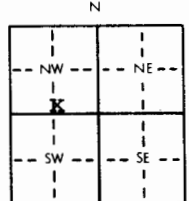
3 DEPTH OF COMPLETED WELL: 584 ft. Bore Hole Diameter: 36 in. to 20 ft., and 28 in. to 584 ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 7 Lawn and garden only 10 Observation well
 Well's static water level: 142 ft. below land surface measured on October month 2nd day 1980 year
 Pump Test Data: Well water was 288 ft. after 5 hours pumping 1669 gpm
 Est. Yield 1700 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm

4 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 XX
 7 Fiberglass _____ Threaded _____
 Blank casing dia 30 in. to 20 ft., Dia 16 in. to 223 ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 36 in., weight 62.58 lbs./ft. Wall thickness or gauge No. 375
 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) Armco Steel
 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) Bridge type
 Screen-Perforation Dia: 16 in. to 584 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Screen-Perforated Intervals: From 220 ft. to 584 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 Gravel Pack Intervals: From 20 ft. to 584 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grouted Intervals: From 0 ft. to 20 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below) Unknown
 13 Watertight sewer lines
 Direction from well _____ How many feet _____ ? Water Well Disinfected? Yes XX No _____
 Was a chemical/bacteriological sample submitted to Department? Yes XX No _____ If yes, date sample was submitted October month 10th day 1980 year Pump Installed? Yes XX No _____
 If Yes: Pump Manufacturer's name Layne & Bowler Model No. 13 CM HP 200 Volts 460
 Depth of Pump Intake 410 ft. Pumps Capacity rated at 1600 gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other _____

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on June month 1 day 1981 year and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. _____
 This Water Well Record was completed on June month 15th day 1981 year under the business name of Layne-Western Company, Inc. by (signature) [Signature]

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	6	Surface	400	415	Blue & brown clay
6	46	Fine sand, clay streaks	415	460	Med. sand
46	87	Brown & white clay	460	475	Blue & brown clay
87	98	Fine - Med. sand	475	584	Fine sand, clay streaks
98	124	Brown clay	584	615	Blue & yellow clay
124	170	White clay w/caliche	615	620	Red bed
170	195	Med. coarse sand			
195	220	Med coarse sand			
220	262	Fine sand			
262	275	Brown clay			
ELEVATION:	275	400			

Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft. 4. _____ ft. (Use a second sheet if needed)

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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

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