

1 LOCATION OF WATER WELL
 County: Seward Fraction NW 1/4 SE 1/4 SW 1/4 Section Number 21 Township Number T 32 S Range Number R 31 E/W

Distance and direction from nearest town or city? From Sublette So. to Jct 83 & 160 go 8 East, 2 So., 1 1/4 East
 Street address of well if located within city?

2 WATER WELL OWNER: John Siemens
 RR#, St. Address, Box #: R. R. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Liberal, KS 67901 Application Number:

3 DEPTH OF COMPLETED WELL: 488 ft. Bore Hole Diameter: 28 in. to ... ft., and ... in. to ... 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: 216 ft. below land surface measured on September month 23 day 1980 year
 Pump Test Data: Well water was 250 ft. after 1 hours pumping 1040 gpm
 Est. Yield 1800 gpm: Well water was 282 ft. after 1 1/2 hours pumping 1753 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 X
 7 Fiberglass Threaded
 Blank casing dia: 16 in. to 268 ft., Dia in. to ... ft., Dia in. to ... ft.
 Casing height above land surface: 12 in., weight 37 lbs./ft. Wall thickness or gauge No. 219
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 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 7 Torch cut 9 Drilled holes 10 Other (specify) Bridge
 Screen-Perforation Dia: 16 in. to 488 ft., Dia in. to ... ft., Dia in. to ... ft.
 Screen-Perforated Intervals: From 268 ft. to 488 ft., From ... ft. to ... ft.
 Gravel Pack Intervals: From 10 ft. to 488 ft., From ... ft. to ... ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grouted Intervals: From 0 ft. to 10 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 No
 Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, date sample was submitted ... month ... day ... year: Pump Installed? Yes No
 If Yes: Pump Manufacturer's name Layne & Bowler WellLine Model No. 12TLC HP 119 Volts
 Depth of Pump Intake 320 ft. Pumps Capacity rated at 1200 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 December month 22 day 1980 year
 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 102
 This Water Well Record was completed on February month 16 day 1981 year under the business name of Layne-Western Company, Inc. by (signature) [Signature]

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM		TO		LITHOLOGIC LOG	
	FROM	TO	FROM	TO	LITHOLOGIC LOG	
	0	10	Brown clay	379	488	F-C sand, loose
	10	25	Fine sand	488	500	Tan clay
	25	112	B-Clay w/sand streaks			
	112	132	F-M sand w/few clay strks			
	132	159	Brown clay			
	159	187	F-M sand w/few clay strks			
	187	210	Brown clay			
	210	258	F-C sand & fine gravel			
	258	302	F-C sand w/few clay strks			
	302	356	F-C sand, loose			
ELEVATION:	356	379	Sand & clay			

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.

OFFICE USE ONLY
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30
R
31
EM
SEC
21
NW
SE
SW